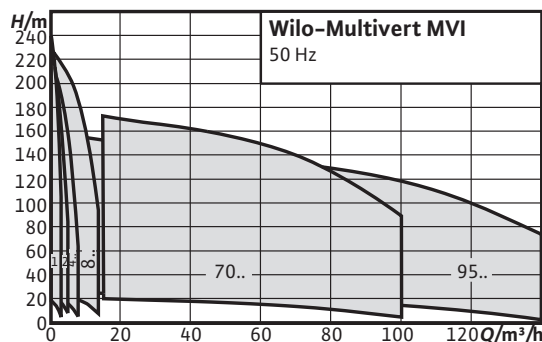


Series description: Wilo-Multivert MVI



Pump curves in accordance with ISO 9906, class 2

Design

Non-self-priming multistage pump

Application

- Water supply and pressure boosting
- Fire extinguishing systems
- Boiler feed
- Industrial circulation systems
- Process engineering
- Cooling water circulation systems
- Washing and sprinkling systems

Type key

Example: **MVI 7002/1 CN-1/16/E/3-400-50-2**

MVI	Vertical high-pressure multistage centrifugal pump
70	Flow rate in m ³ /h
02	Number of impellers
1	Number of trimmed impellers; [only MVI 70.. and 95..]
C	Option [only some types ≥ 30 kW]C = cartridge mechanical seal
N	Standardised motor

Equipment/function

- Stainless steel pump in inline design (only MVI 1.. to 8..)
- MVI 1.. to 8..: PN16 version with oval flange; PN25 version with round flange
- MVI 70.. and 95..: PN16 and PN25 version with round flange
- IE2-IEC standard motor

Materials

MVI 1.. to 8..:

- Impellers and stage chambers of stainless steel 1.4301 (1.4404 for aggressive media)
- Pump housing of stainless steel 1.4301 (1.4404 for aggressive media)
- Shaft, depending on type, of stainless steel 1.4301 (1.4404 for aggressive media)
- Gasket of EPDM (EP 851)/FKM (Viton)
- Housing cover of stainless steel 1.4301 (1.4404 for aggressive media)
- Housing bottom of stainless steel 1.4301 (1.4404 for aggressive media)
- Mechanical seal of B-carbon/tungsten carbide, SiC/carbon
- Jacket pipe of stainless steel 1.4301 (1.4404 for aggressive media)
- Bearing of tungsten carbide
- Baseplate EN-GJL-250

MVI 70../95..:

- Impellers of stainless steel 1.4408
- Stage chambers made of 1.4301 stainless steel
- Pump housing EN-GJL-250
- Shaft 1.4057 stainless steel
- Gasket EPDM (EP 851)
- Housing cover made of 1.4301 stainless steel
- Housing bottom made of 1.4301 stainless steel
- Mechanical seal of B-carbon/tungsten carbide, SiC/carbon
- Pressure shroud made of 1.4301 stainless steel

Series description: Wilo-Multivert MVI

1	Material 1 = 1.4301 (AISI 304); [only MVI 8.. and smaller] 2 = 1.4404 (AISI 316L) 3 = pump housing EN-GJL-250 (cataphoretic coating), hydraulics 1.4301 (AISI 304); [only MVI 70.. and 95..]
	Flange type 16 = flange PN16 (round or oval) 25 = flange PN25 (round or oval) P = Victaulic coupling [only MVI 8.. and smaller]
	Gasket type E = EPDM V = FKM (Viton)
3	1 = 1~ (alternating current); [only MVI 8.. and smaller] 3 = 3~ (three-phase current)
400	Connection voltage in V
50	Frequency in Hz
2	Number of poles

Special features/product advantages

- Corrosion-resistant impellers, diffusers and stage housings
- Drinking water approval for all components that come in contact with the fluid (EPDM version)

Technical data

- Minimum Efficiency Index (MEI) ≥ 0.4
- Electrical connection:
 - 1~230 V ($\pm 10\%$), 50 Hz or optionally 220 V ($\pm 10\%$), 60 Hz (up to 1.5 kW); only MVI 1.. – 8..
 - 3~230 V ($\pm 10\%$), 50 Hz (Δ) or optionally 220 V ($\pm 10\%$), 60 Hz (Δ) up to 4.0 kW, 400 V ($\pm 10\%$), 50 Hz (Y) or optionally 380 V ($\pm 10\%$), 60 Hz (Y) or 460 V ($\pm 10\%$), 60 Hz (Y) from 4.0 kW
- Fluid temperature of -15 to $+120$ °C (with EPDM), (-15 to $+90$ °C with FKM)
- Operating pressure max. 16/25 bar
- Max. inlet pressure of 10 bar
- Protection class IP 55
- Flange connections:
 - MVI 1.. – 8.., PN 16; oval flange (G1 – G2)
 - MVI 1.. – 8.., PN 25; Round flange (DN25 – DN40)
- MVI 1.. – 8.., PN 25; with optional Victaulic connections
- MVI 70../95.. PN 16/PN 25; Round flange (DN 100)
- Minimum Efficiency Index (MEI): ≥ 0.1

- Bearing of tungsten carbide

Scope of delivery

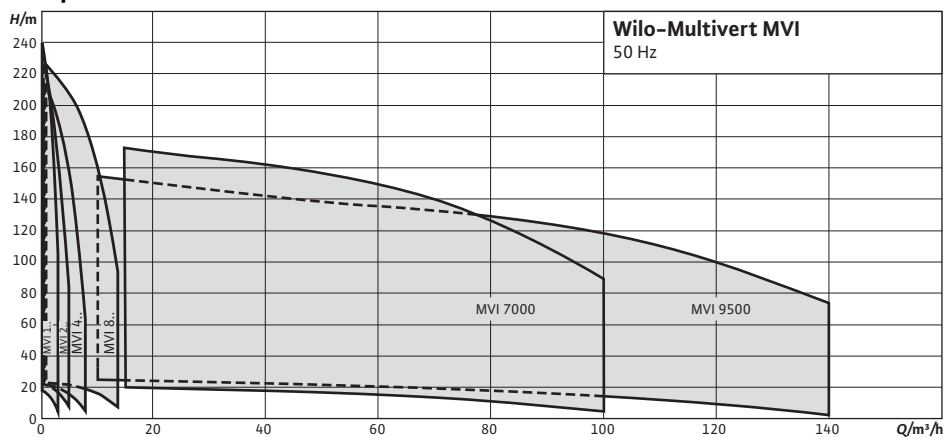
- MVI high-pressure multistage centrifugal pump
- MVI 1.. – 8..: Oval counter flanges with corresponding screws and O-rings (PN16 variant) or bolts and gaskets if a counter flange is used (PN25 variant with round flanges)
- MVI 70../95..: Bolts and gaskets if a counter flange is used (PN16 and PN25 with round flanges)
- Installation and operating instructions

General notes – ErP (ecological design-) directive

- The benchmark for most efficient water pumps is $MEI \geq 0.70$
- The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter.
- The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system.
- Information on benchmark efficiency is available at www.europump.org/efficiencycharts
- Pumps with a power consumption >150 kW or a volume flow of $Q_{BEP} < 6 \text{ m}^3/\text{h}$ are excluded from the ErP directive and thus do not have MEI values

Duty chart: Wilo-Multivert MVI

Pump curves



Pump curves in accordance with ISO 9906, class 2

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 102 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	23.9	4070509
Multivert MVI 102 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	25.0	4070520
Multivert MVI 102 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	25.0	4070535
Multivert MVI 102 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	25.0	4070468
Multivert MVI 102 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	26.0	4070479
Multivert MVI 102 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	26.0	4070494
Multivert MVI 103 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	24.1	4070510
Multivert MVI 103 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	25.2	4070521
Multivert MVI 103 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	25.2	4070536
Multivert MVI 103 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	25.0	4070469
Multivert MVI 103 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	26.0	4070480
Multivert MVI 103 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	26.0	4070495
Multivert MVI 104 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	25.1	4070511
Multivert MVI 104 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	26.2	4070522
Multivert MVI 104 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	26.2	4070537
Multivert MVI 104 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	26.0	4070470
Multivert MVI 104 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	27.0	4070481
Multivert MVI 104 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	27.0	4070496
Multivert MVI 105 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	26.3	4070512
Multivert MVI 105 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	27.4	4070523
Multivert MVI 105 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	27.4	4070538
Multivert MVI 105 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	26.0	4070471
Multivert MVI 105 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	28.0	4070482
Multivert MVI 105 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	28.0	4070497
Multivert MVI 106 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	28.4	4070513
Multivert MVI 106 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	29.5	4070524
Multivert MVI 106 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	29.5	4070539
Multivert MVI 106 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	27.0	4070472
Multivert MVI 106 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	30.0	4070483
Multivert MVI 106 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	30.0	4070498

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 107 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	29.1	4070514
Multivert MVI 107 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	30.2	4070525
Multivert MVI 107 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	30.2	4070540
Multivert MVI 107 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	29.0	4070473
Multivert MVI 107 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	31.0	4070484
Multivert MVI 107 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	31.0	4070499
Multivert MVI 108 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	30.3	4070515
Multivert MVI 108 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	31.4	4070526
Multivert MVI 108 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	31.4	4070541
Multivert MVI 108 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	31.0	4070474
Multivert MVI 108 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	0.75	32.0	4070485
Multivert MVI 108 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	0.75	32.0	4070500
Multivert MVI 109 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	32.2	4070516
Multivert MVI 109 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	35.8	4070527
Multivert MVI 109 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	35.8	4070542
Multivert MVI 109 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	25.0	4070475
Multivert MVI 109 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	36.0	4070486
Multivert MVI 109 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	36.0	4070501
Multivert MVI 110 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	32.9	4070517
Multivert MVI 110 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	36.5	4070528
Multivert MVI 110 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	36.5	4070543
Multivert MVI 110 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	36.0	4070476
Multivert MVI 110 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	39.0	4070487
Multivert MVI 110 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	39.0	4070502
Multivert MVI 112 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	36.7	4070518
Multivert MVI 112 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	37.8	4070529
Multivert MVI 112 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	37.8	4070544
Multivert MVI 112 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	39.0	4070477
Multivert MVI 112 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	40.0	4070488
Multivert MVI 112 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	40.0	4070503

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 114 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	46.8	4070519
Multivert MVI 114 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	47.9	4070530
Multivert MVI 114 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	47.9	4070545
Multivert MVI 114 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	48.0	4070478
Multivert MVI 114 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	49.0	4070489
Multivert MVI 114 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	49.0	4070504
Multivert MVI 116 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	50.0	4070490
Multivert MVI 116 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	50.0	4070505
Multivert MVI 118 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	52.0	4070491
Multivert MVI 118 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	52.0	4070506
Multivert MVI 121 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	54.0	4070492
Multivert MVI 121 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	54.0	4070507
Multivert MVI 123 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	56.0	4070493
Multivert MVI 123 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	56.0	4070508
Multivert MVI 124 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	75.0	4084437
Multivert MVI 124 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	75.0	4084438
Multivert MVI 202 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	23.0	4018746
Multivert MVI 202 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	24.3	4018770
Multivert MVI 202 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	24.3	4019095
Multivert MVI 202 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.37	24.0	4024659
Multivert MVI 202 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.37	25.0	4024679
Multivert MVI 202 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.37	25.0	4019052
Multivert MVI 202 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.37	25.0	4032768
Multivert MVI 203 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	23.8	4018760
Multivert MVI 203 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	25.1	4018771
Multivert MVI 203 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	25.1	4019096
Multivert MVI 203 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.55	24.0	4024661
Multivert MVI 203 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	26.0	4024680
Multivert MVI 203 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	26.0	4019054
Multivert MVI 203 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.55	26.0	4032769

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 204 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	26.6	4018761
Multivert MVI 204 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	27.9	4018772
Multivert MVI 204 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	27.9	4019097
Multivert MVI 204 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	27.0	4024663
Multivert MVI 204 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	29.0	4024681
Multivert MVI 204 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	29.0	4019055
Multivert MVI 204 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.75	29.0	4032770
Multivert MVI 205 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	27.2	4018763
Multivert MVI 205 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	31.0	4018773
Multivert MVI 205 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	31.0	4019098
Multivert MVI 205 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	0.75	28.0	4024665
Multivert MVI 205 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	29.0	4024682
Multivert MVI 205 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	32.0	4019056
Multivert MVI 205 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.75	29.0	4032771
Multivert MVI 206 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	32.0	4018765
Multivert MVI 206 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	33.4	4018774
Multivert MVI 206 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	33.4	4019099
Multivert MVI 206 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	35.0	4024667
Multivert MVI 206 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	36.0	4024683
Multivert MVI 206 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	36.0	4019057
Multivert MVI 206 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.1	36.0	4032772
Multivert MVI 207 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	34.2	4018766
Multivert MVI 207 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	35.5	4018775
Multivert MVI 207 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	35.5	4019100
Multivert MVI 207 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.1	37.0	4024669
Multivert MVI 207 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.1	38.0	4024684
Multivert MVI 207 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.1	38.0	4019058
Multivert MVI 207 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.1	38.0	4032773
Multivert MVI 208 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	41.5	4018768
Multivert MVI 208 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	42.8	4018776

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 208 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	42.8	4019101
Multivert MVI 208 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	42.0	4024671
Multivert MVI 208 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	44.0	4024685
Multivert MVI 208 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	44.0	4019059
Multivert MVI 208 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.5	44.0	4032774
Multivert MVI 210 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	42.7	4018769
Multivert MVI 210 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	44.1	4018777
Multivert MVI 210 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	44.1	4019102
Multivert MVI 210 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	1.5	44.0	4024673
Multivert MVI 210 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	45.0	4024686
Multivert MVI 210 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	45.0	4019060
Multivert MVI 210 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.5	45.0	4032775
Multivert MVI 212 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16 oval flange	2.2	46.0	4024676
Multivert MVI 212 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	47.0	4024687
Multivert MVI 212 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	47.0	4019061
Multivert MVI 212 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	2.2	47.0	4032776
Multivert MVI 214 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	49.0	4024688
Multivert MVI 214 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	49.0	4019062
Multivert MVI 214 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	2.2	49.0	4032777
Multivert MVI 217 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	60.0	4024689
Multivert MVI 217 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	60.0	4019063
Multivert MVI 217 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	3.0	60.0	4032778
Multivert MVI 220 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	4.0	60.0	4024690
Multivert MVI 220 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	4.0	60.0	4019064
Multivert MVI 220 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	4.0	60.0	4032779
Multivert MVI 402 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.55	23.8	4018778
Multivert MVI 402 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	25.1	4018784
Multivert MVI 402 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	25.1	4019103
Multivert MVI 402 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.55	24.0	4024691
Multivert MVI 402 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.55	26.0	4024709

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 402 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.55	26.0	4019065
Multivert MVI 402 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.55	26.0	4032780
Multivert MVI 403 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.75	26.0	4018779
Multivert MVI 403 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	27.3	4018785
Multivert MVI 403 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	27.3	4019104
Multivert MVI 403 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.75	27.0	4024693
Multivert MVI 403 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	28.0	4024710
Multivert MVI 403 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	28.0	4019066
Multivert MVI 403 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.75	28.0	4032781
Multivert MVI 404 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	28.4	4018780
Multivert MVI 404 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	29.7	4018786
Multivert MVI 404 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	29.7	4019105
Multivert MVI 404 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	31.0	4024695
Multivert MVI 404 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	32.0	4024711
Multivert MVI 404 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	32.0	4019067
Multivert MVI 404 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	1.1	32.0	4032782
Multivert MVI 405 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	29.0	4018781
Multivert MVI 405 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	30.3	4018787
Multivert MVI 405 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	32.8	4019106
Multivert MVI 405 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	32.0	4024697
Multivert MVI 405 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	35.0	4024712
Multivert MVI 405 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	38.0	4019068
Multivert MVI 405 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	1.1	33.0	4032783
Multivert MVI 406 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	40.3	4018782
Multivert MVI 406 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	41.6	4018788
Multivert MVI 406 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	41.6	4019107
Multivert MVI 406 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	41.0	4024699
Multivert MVI 406 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	43.0	4024713
Multivert MVI 406 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	43.0	4019069
Multivert MVI 406 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.5	43.0	4032784

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 407 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	41.0	4018783
Multivert MVI 407 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	42.3	4018789
Multivert MVI 407 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	42.3	4019108
Multivert MVI 407 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	42.0	4024701
Multivert MVI 407 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	1.5	43.0	4024714
Multivert MVI 407 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	1.5	43.0	4019070
Multivert MVI 407 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	1.5	43.0	4032785
Multivert MVI 408 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	2.2	43.0	4024703
Multivert MVI 408 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	44.0	4024715
Multivert MVI 408 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	44.0	4019071
Multivert MVI 408 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	2.2	44.0	4032786
Multivert MVI 410 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	2.2	44.0	4024705
Multivert MVI 410 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	45.0	4024716
Multivert MVI 410 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	45.0	4019072
Multivert MVI 410 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	2.2	45.0	4032787
Multivert MVI 412 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	3.0	55.0	4024707
Multivert MVI 412 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	56.0	4024717
Multivert MVI 412 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	56.0	4019073
Multivert MVI 412 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	3.0	56.0	4032788
Multivert MVI 414 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	3.0	57.0	4086350
Multivert MVI 414 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	57.0	4024718
Multivert MVI 414 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	57.0	4019074
Multivert MVI 414 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	3.0	57.0	4032789
Multivert MVI 417 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	4.0	55.0	4024719
Multivert MVI 417 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	4.0	55.0	4019075
Multivert MVI 417 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	4.0	55.0	4032791
Multivert MVI 419 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	4.0	60.0	4024720
Multivert MVI 419 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	4.0	60.0	4019076
Multivert MVI 419 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	4.0	60.0	4032792
Multivert MVI 802 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.75	28.1	4018790

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 802 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	28.5	4018805
Multivert MVI 802 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	28.5	4019109
Multivert MVI 802 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	0.75	29.0	4024723
Multivert MVI 802 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	0.75	29.0	4024745
Multivert MVI 802 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	0.75	29.0	4019077
Multivert MVI 802 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	0.75	29.0	4032793
Multivert MVI 803 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	33.1	4018791
Multivert MVI 803 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	33.4	4018806
Multivert MVI 803 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	33.4	4019110
Multivert MVI 803 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.1	36.0	4024725
Multivert MVI 803 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.1	36.0	4024746
Multivert MVI 803 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.1	36.0	4019078
Multivert MVI 803 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	1.1	36.0	4032794
Multivert MVI 804 (1~230 V, EPDM, PN 16)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	42.1	4018792
Multivert MVI 804 (1~230 V, EPDM, PN 25)	1~230 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.5	42.4	4018807
Multivert MVI 804 (1~230 V, FKM, PN 25)	1~230 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.5	42.4	4019111
Multivert MVI 804 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	1.5	43.0	4024727
Multivert MVI 804 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	1.5	43.0	4024747
Multivert MVI 804 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	1.5	43.0	4019079
Multivert MVI 804 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	1.5	43.0	4032795
Multivert MVI 805 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	2.2	44.0	4024729
Multivert MVI 805 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 25 round flange	2.2	44.0	4024748
Multivert MVI 805 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 round flange	2.2	44.0	4019080
Multivert MVI 805 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 16	FKM	- Version PN 25 Victaulic	2.2	44.0	4032796
Multivert MVI 806 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	2.2	44.0	4024731
Multivert MVI 806 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	2.2	45.0	4024749
Multivert MVI 806 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	2.2	45.0	4019081
Multivert MVI 806 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	2.2	45.0	4032797
Multivert MVI 807 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	3.0	54.0	4024733
Multivert MVI 807 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	54.0	4024750

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 807 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	54.0	4019082
Multivert MVI 807 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	3.0	54.0	4032798
Multivert MVI 808 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	3.0	55.0	4024735
Multivert MVI 808 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	3.0	55.0	4024751
Multivert MVI 808 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	3.0	55.0	4019083
Multivert MVI 808 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	3.0	55.0	4032799
Multivert MVI 810 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	4.0	52.0	4024737
Multivert MVI 810 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	4.0	55.0	4024752
Multivert MVI 810 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	4.0	52.0	4019084
Multivert MVI 810 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	4.0	52.0	4032800
Multivert MVI 811 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	4.0	53.0	4024739
Multivert MVI 811 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	4.0	54.0	4024753
Multivert MVI 811 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	4.0	54.0	4019085
Multivert MVI 811 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	4.0	54.0	4032801
Multivert MVI 812 (3~400 V, EPDM, PN 16)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	5.5	68.0	4024741
Multivert MVI 812 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	5.5	68.0	4024754
Multivert MVI 812 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	5.5	68.0	4019086
Multivert MVI 812 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	5.5	68.0	4032802
Multivert MVI 814 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	5.5	72.0	4024756
Multivert MVI 814 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	5.5	72.0	4019088
Multivert MVI 814 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	5.5	72.0	4032804
Multivert MVI 817 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	7.5	93.3	4024758
Multivert MVI 817 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	7.5	93.3	4019091
Multivert MVI 817 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	7.5	93.3	4032806
Multivert MVI 819 (3~400 V, EPDM, PN 25)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25 round flange	7.5	94.7	4024759
Multivert MVI 819 (3~400 V, FKM, PN 25)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 round flange	7.5	94.7	4019092
Multivert MVI 819 (3~400 V, FKM, PN 25, Victaulic)	3~400 V, 50 Hz	PN 25	FKM	- Version PN 25 Victaulic	7.5	94.7	4032807
Multivert MVI 7001 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	5.5	120.0	4071163
Multivert MVI 7001 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	5.5	120.0	4071180
Multivert MVI 7001/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	4.0	116.0	4071162

Product list: Wilo-Multivert MVI

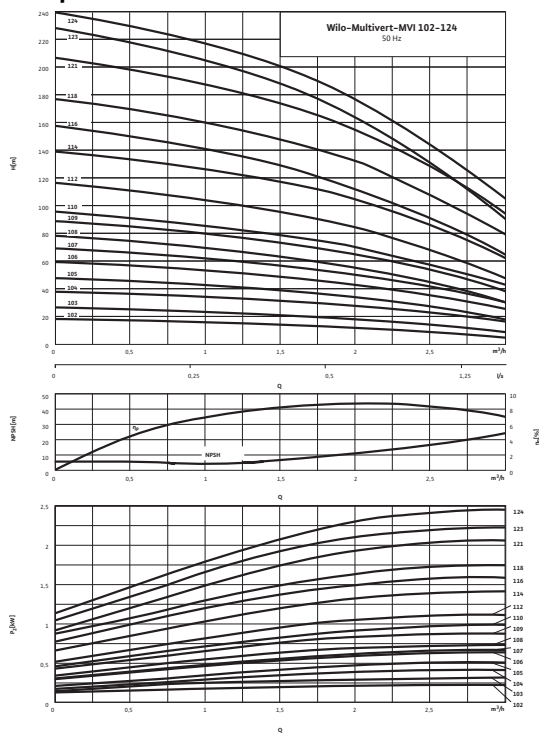
Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 7001/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	4.0	116.0	4071179
Multivert MVI 7002 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	11.0	158.5	4071168
Multivert MVI 7002 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	11.0	158.5	4071185
Multivert MVI 7002/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	9.0	157.5	4071166
Multivert MVI 7002/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	9.0	157.5	4071183
Multivert MVI 7002/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	7.5	137.0	4071165
Multivert MVI 7002/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	7.5	137.0	4071182
Multivert MVI 7003 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	18.5	227.0	4071172
Multivert MVI 7003 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	18.5	227.0	4071189
Multivert MVI 7003/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	15.0	211.0	4071171
Multivert MVI 7003/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	15.0	211.0	4071188
Multivert MVI 7003/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	15.0	211.0	4071170
Multivert MVI 7003/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	15.0	211.0	4071187
Multivert MVI 7004 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	22.0	221.0	4071175
Multivert MVI 7004 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	22.0	221.0	4071192
Multivert MVI 7004/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	22.0	221.0	4071174
Multivert MVI 7004/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	22.0	221.0	4071191
Multivert MVI 7004/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	18.5	231.0	4071173
Multivert MVI 7004/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	18.5	231.0	4071190
Multivert MVI 7005 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	337.2	4071178
Multivert MVI 7005 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	337.2	4071195
Multivert MVI 7005/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	337.2	4071177
Multivert MVI 7005/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	337.2	4071194
Multivert MVI 7005/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	337.2	4071176
Multivert MVI 7005/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	337.2	4071193
Multivert MVI 7006 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	344.2	4071198
Multivert MVI 7006/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	344.2	4071197
Multivert MVI 7006/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	341.2	4071196
Multivert MVI 7007/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	348.2	4071200
Multivert MVI 7007/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	348.2	4071199

Product list: Wilo-Multivert MVI

Designation	Mains connection	Rated pressure	Static seal	title_range_ad d_on_special	Nominal motor power	Gross weight	Art no.
					P_2 /kW	m /kg	
Multivert MVI 9501 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	9.0	142.5	4082534
Multivert MVI 9501 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	9.0	153.5	4082561
Multivert MVI 9501/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	7.5	122.0	4082533
Multivert MVI 9501/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	7.5	133.0	4082560
Multivert MVI 9502 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	18.5	225.0	4082538
Multivert MVI 9502 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	18.5	225.0	4082565
Multivert MVI 9502/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	15.0	209.0	4082537
Multivert MVI 9502/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	15.0	209.0	4082564
Multivert MVI 9502/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	15.0	209.0	4082536
Multivert MVI 9502/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	15.0	209.0	4082563
Multivert MVI 9503 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	303.7	4082541
Multivert MVI 9503 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	303.7	4082568
Multivert MVI 9503/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	303.7	4082540
Multivert MVI 9503/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	303.7	4082567
Multivert MVI 9503/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	22.0	219.0	4082539
Multivert MVI 9503/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	22.0	219.0	4082566
Multivert MVI 9504 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	37.0	339.7	4082544
Multivert MVI 9504 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	339.7	4082571
Multivert MVI 9504/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	37.0	339.7	4082543
Multivert MVI 9504/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	37.0	339.7	4082570
Multivert MVI 9504/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 16	EPDM	- Version PN 16	30.0	336.7	4082542
Multivert MVI 9504/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	30.0	336.7	4082569
Multivert MVI 9505 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	45.0	419.0	4082574
Multivert MVI 9505/1 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	45.0	419.0	4082573
Multivert MVI 9505/2 (3~400 V, EPDM,)	3~400 V, 50 Hz	PN 25	EPDM	- Version PN 25	45.0	419.0	4082572

Data sheet: Wilo-Multivert MVI 102 (1~230 V, EPDM, PN 16)

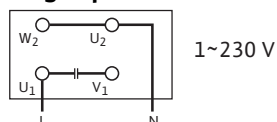
Pump curves



Pump curves in accordance with ISO 9906, class 2

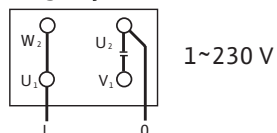
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

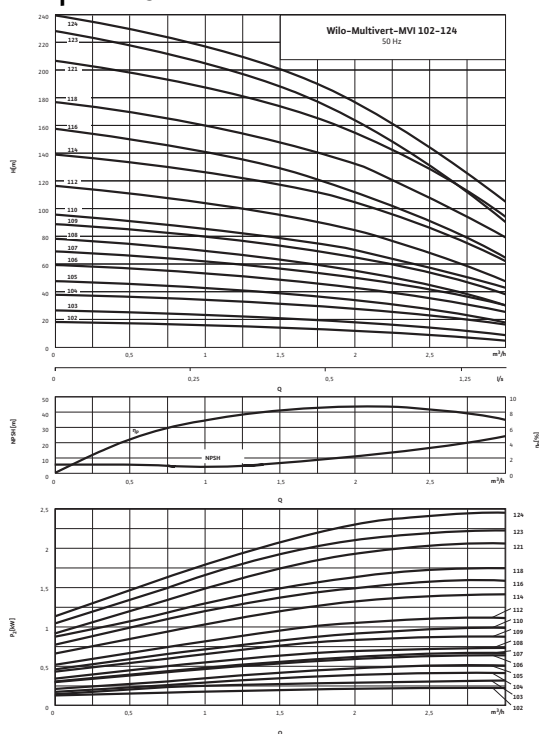
Information for order placements

Make	Wilo	
Type	MVI 102	
Art no.	4070509	
Weight approx.	m	19.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (1~230 V, EPDM, PN 16)

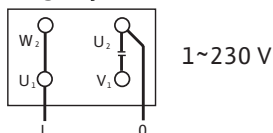
Pump curves



Pump curves in accordance with ISO 9906, class 2

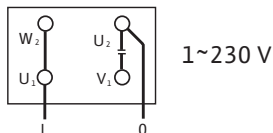
Terminal diagram

Single-phase current at wrong direction of rotation



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

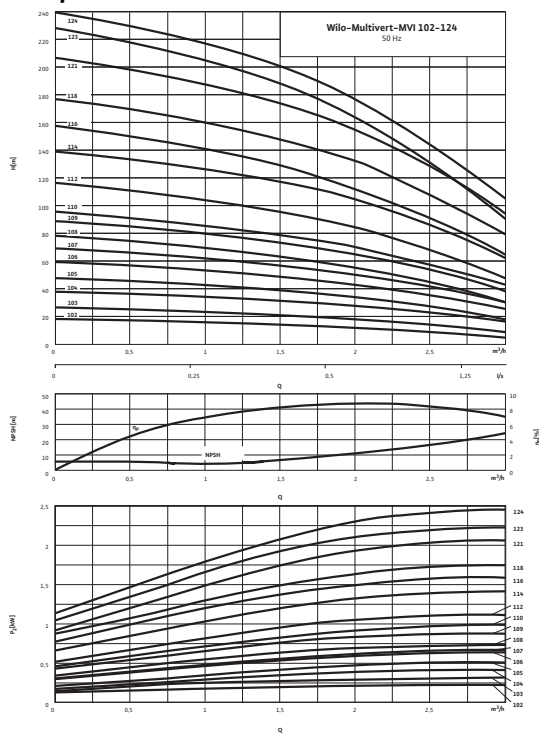
Information for order placements

Make	Wilo	
Type	MVI 103	
Art no.	4070510	
Weight approx.	m	19.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (1~230 V, EPDM, PN 16)

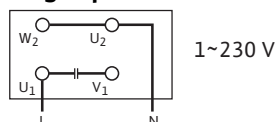
Pump curves



Pump curves in accordance with ISO 9906, class 2

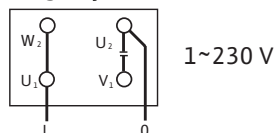
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

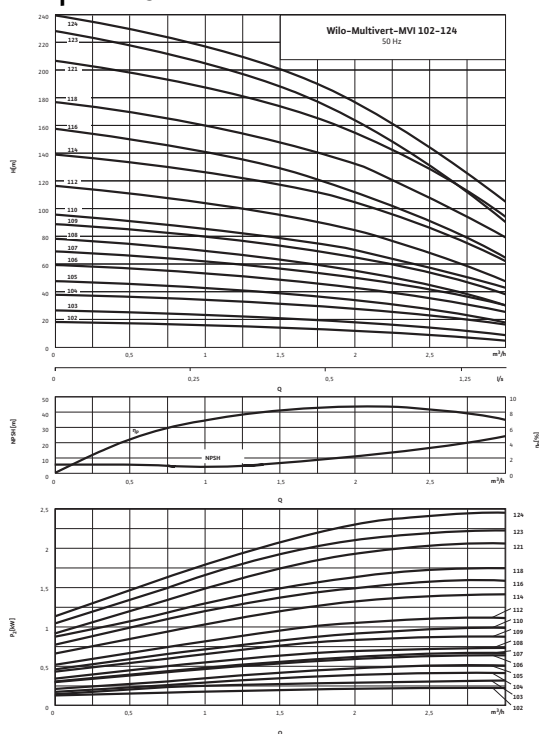
Information for order placements

Make	Wilo	
Type	MVI 104	
Art no.	4070511	
Weight approx.	m	20.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (1~230 V, EPDM, PN 16)

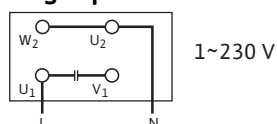
Pump curves



Pump curves in accordance with ISO 9906, class 2

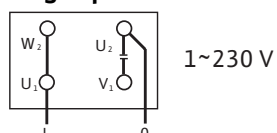
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

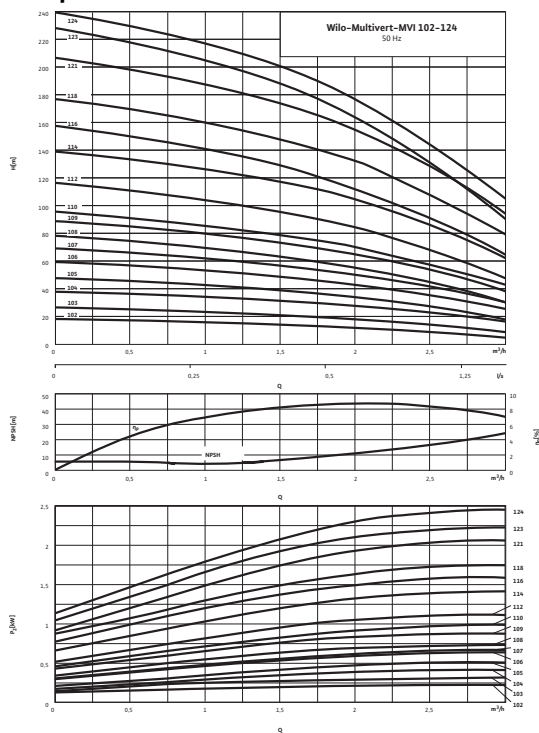
Information for order placements

Make	Wilo	
Type	MVI 105	
Art no.	4070512	
Weight approx.	m	21.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (1~230 V, EPDM, PN 16)

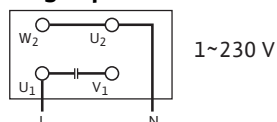
Pump curves



Pump curves in accordance with ISO 9906, class 2

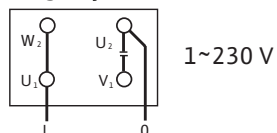
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

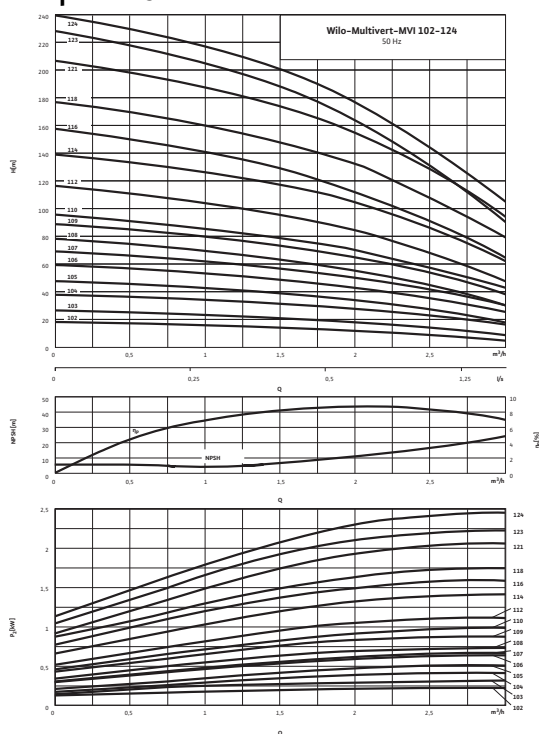
Information for order placements

Make	Wilo	
Type	MVI 106	
Art no.	4070513	
Weight approx.	m	24.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (1~230 V, EPDM, PN 16)

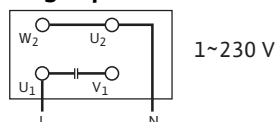
Pump curves



Pump curves in accordance with ISO 9906, class 2

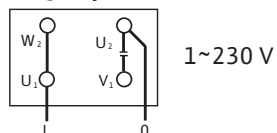
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

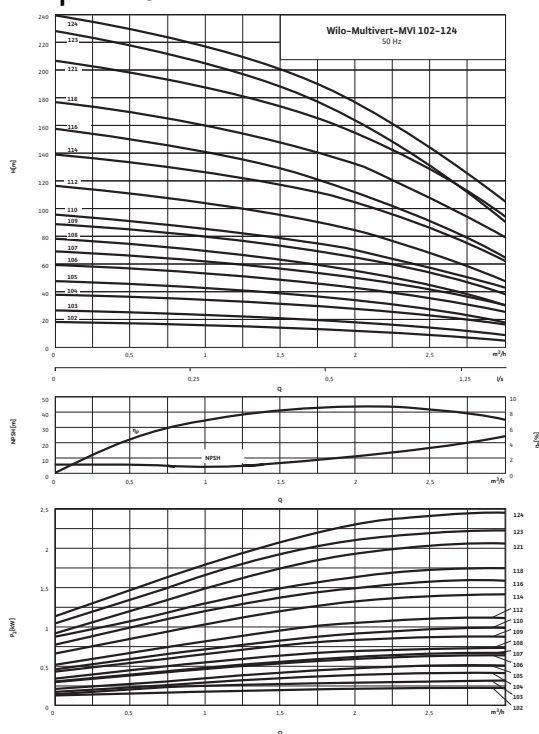
Information for order placements

Make	Wilo	
Type	MVI 107	
Art no.	4070514	
Weight approx.	m	24.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (1~230 V, EPDM, PN 16)

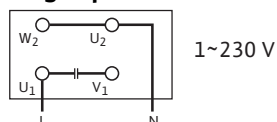
Pump curves



Pump curves in accordance with ISO 9906, class 2

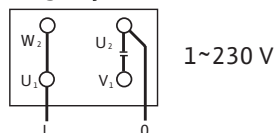
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

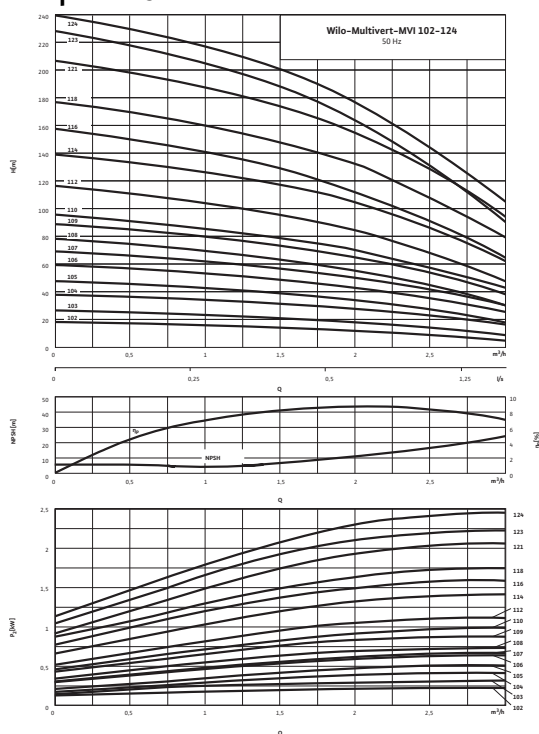
Information for order placements

Make	Wilo	
Type	MVI 108	
Art no.	4070515	
Weight approx.	m	25.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (1~230 V, EPDM, PN 16)

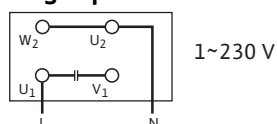
Pump curves



Pump curves in accordance with ISO 9906, class 2

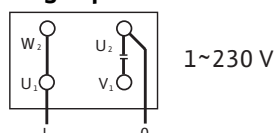
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

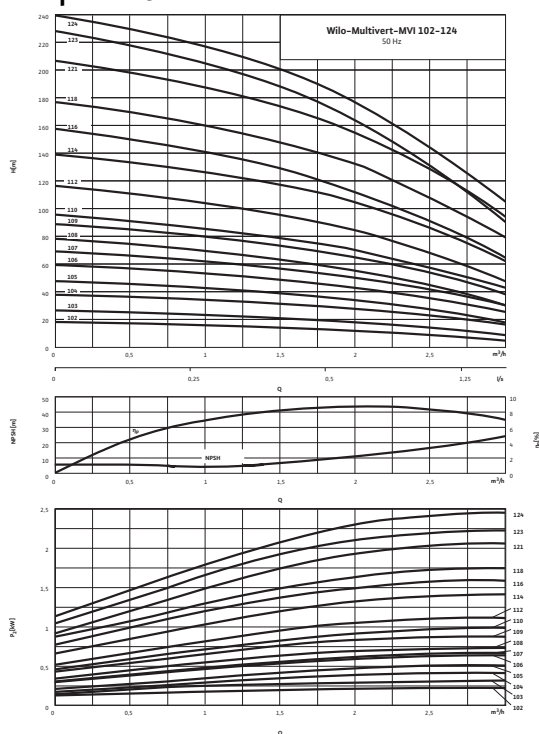
Information for order placements

Make	Wilo	
Type	MVI 109	
Art no.	4070516	
Weight approx.	m	27.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (1~230 V, EPDM, PN 16)

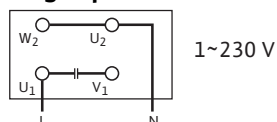
Pump curves



Pump curves in accordance with ISO 9906, class 2

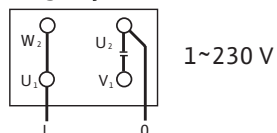
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

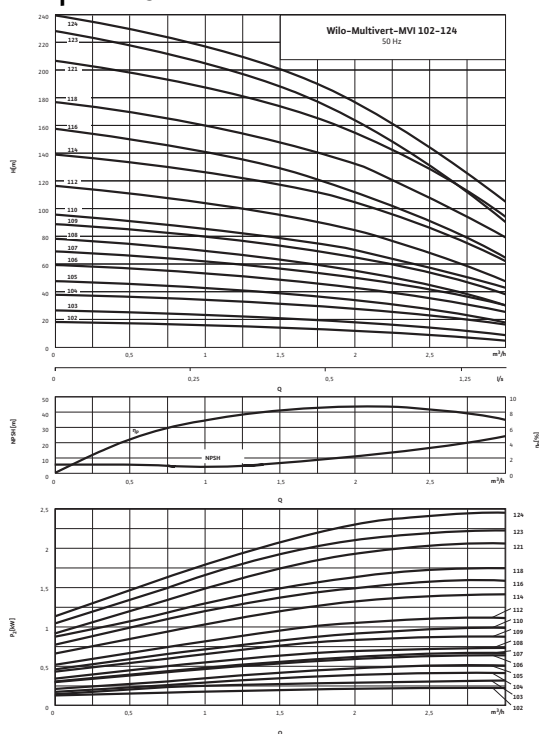
Information for order placements

Make	Wilo	
Type	MVI 110	
Art no.	4070517	
Weight approx.	m	28.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (1~230 V, EPDM, PN 16)

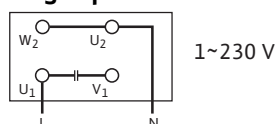
Pump curves



Pump curves in accordance with ISO 9906, class 2

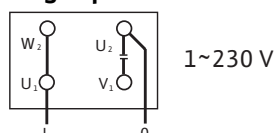
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

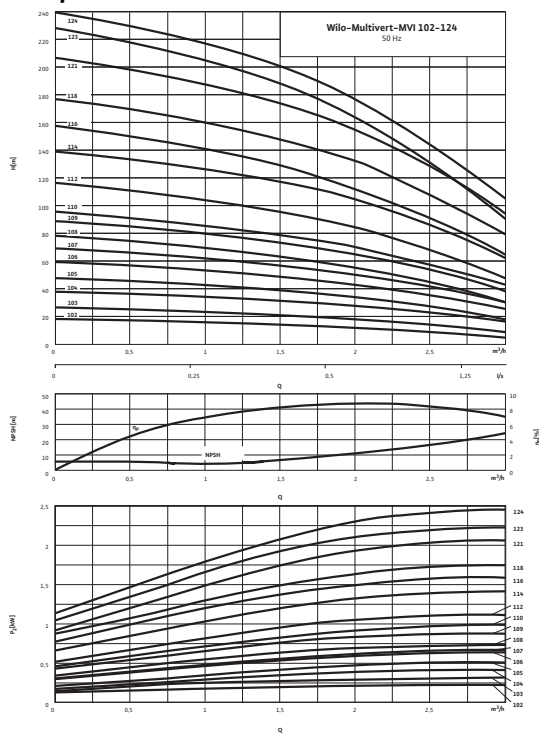
Information for order placements

Make	Wilo	
Type	MVI 112	
Art no.	4070518	
Weight approx.	m	29.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (1~230 V, EPDM, PN 16)

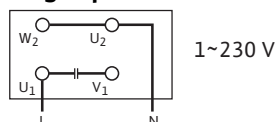
Pump curves



Pump curves in accordance with ISO 9906, class 2

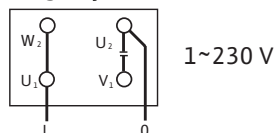
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	η_m 100%	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

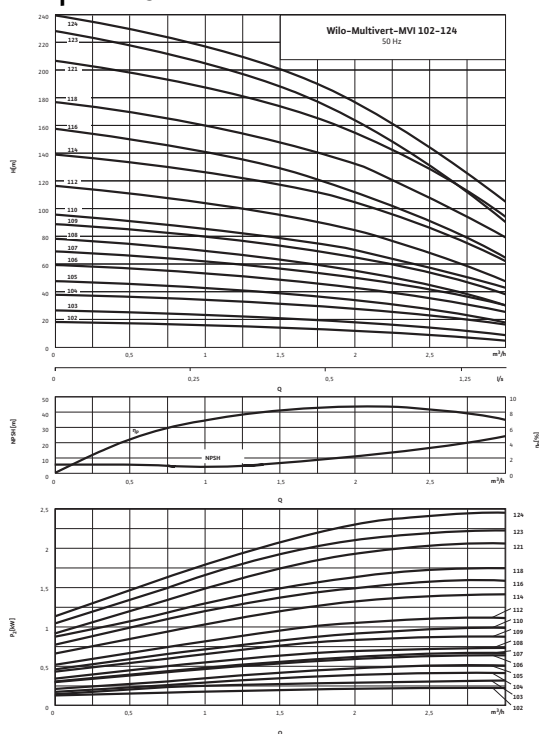
Information for order placements

Make	Wilo	
Type	MVI 114	
Art no.	4070519	
Weight approx.	m	39.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 102 (3~400 V, EPDM, PN 16)

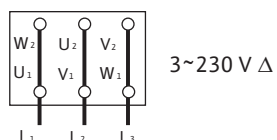
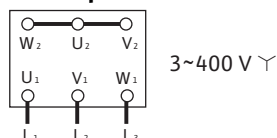
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 102
Art no.	4070468

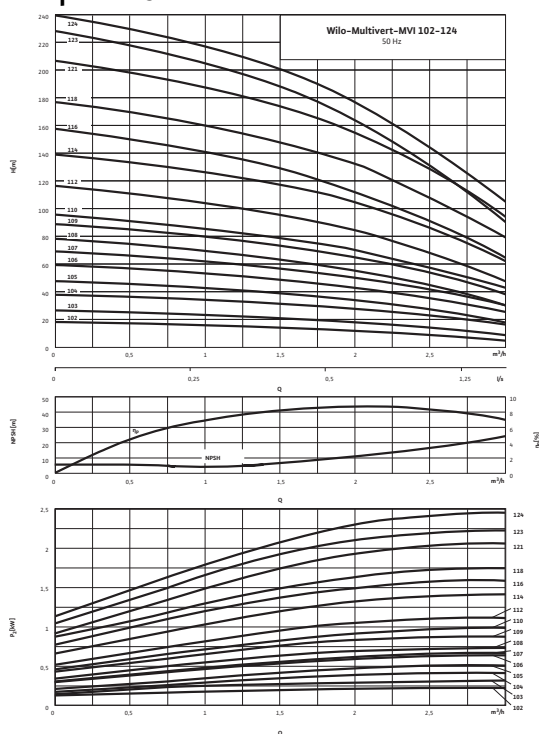
Data sheet: Wilo-Multivert MVI 102 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (3~400 V, EPDM, PN 16)

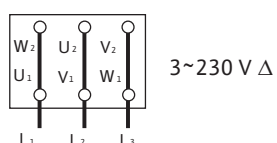
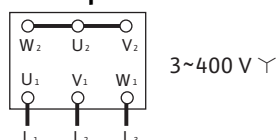
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 103
Art no.	4070469

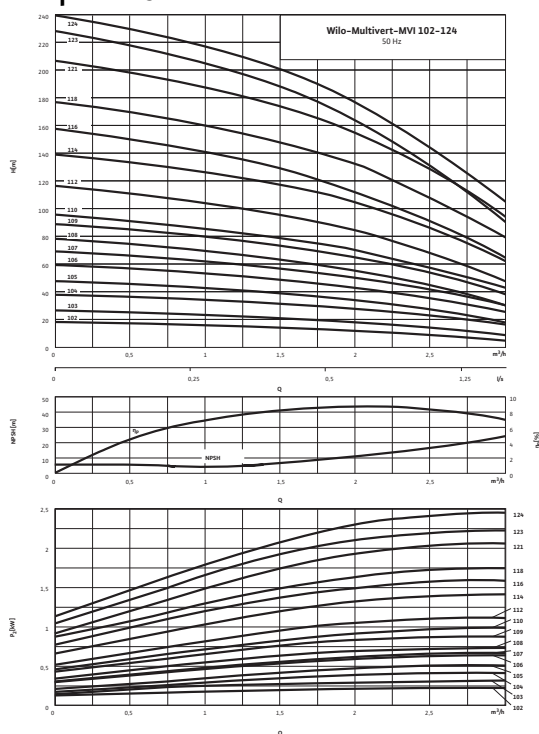
Data sheet: Wilo-Multivert MVI 103 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	21.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (3~400 V, EPDM, PN 16)

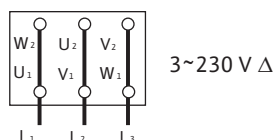
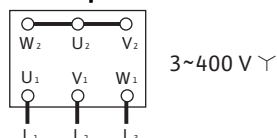
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 104
Art no.	4070470

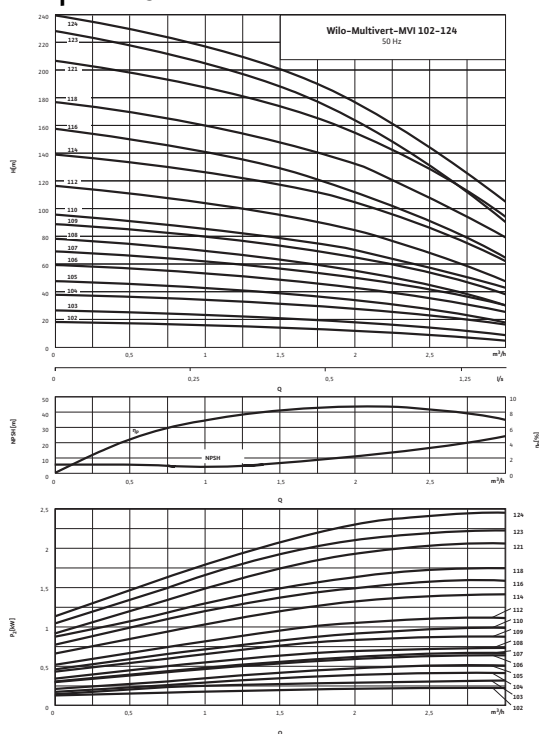
Data sheet: Wilo-Multivert MVI 104 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	21.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (3~400 V, EPDM, PN 16)

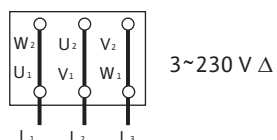
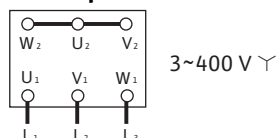
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 105
Art no.	4070471

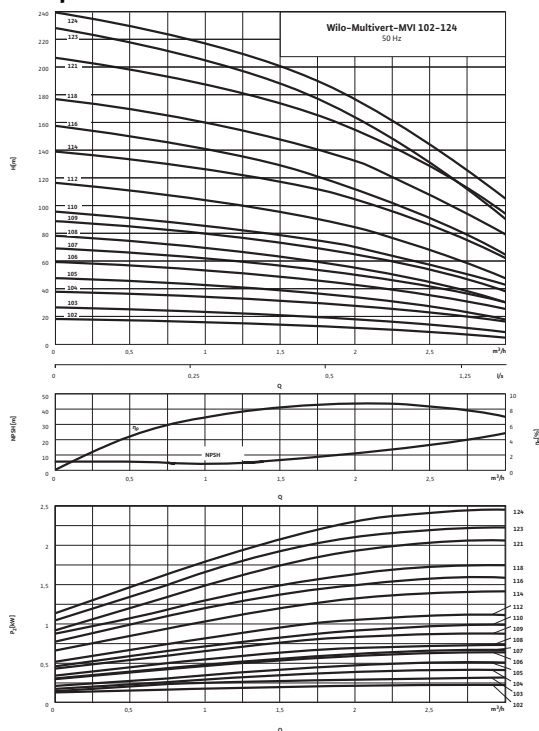
Data sheet: Wilo-Multivert MVI 105 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (3~400 V, EPDM, PN 16)

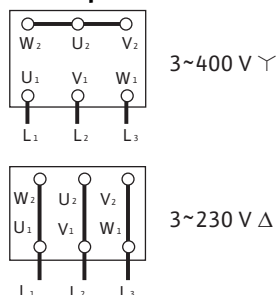
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 106
Art no.	4070472

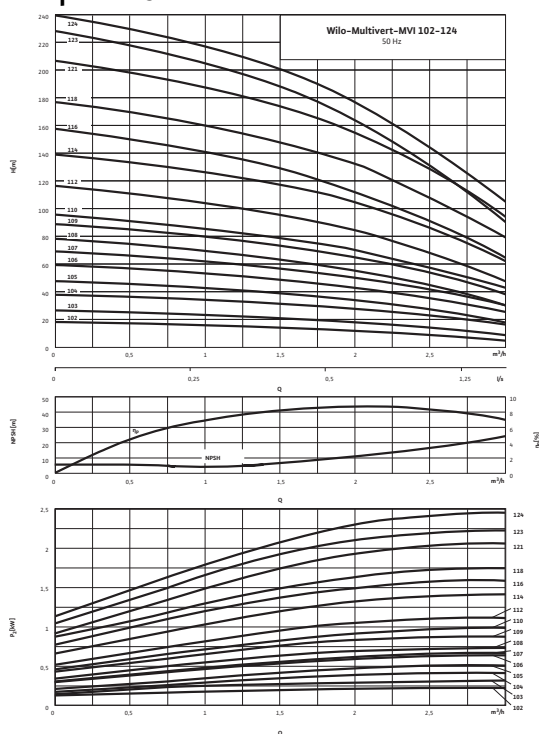
Data sheet: Wilo-Multivert MVI 106 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	25.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (3~400 V, EPDM, PN 16)

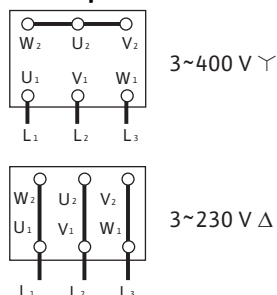
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	η_m 50%	76.0 %
Motor efficiency	η_m 75%	77.4 %
Motor efficiency	η_m 100%	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 107
Art no.	4070473

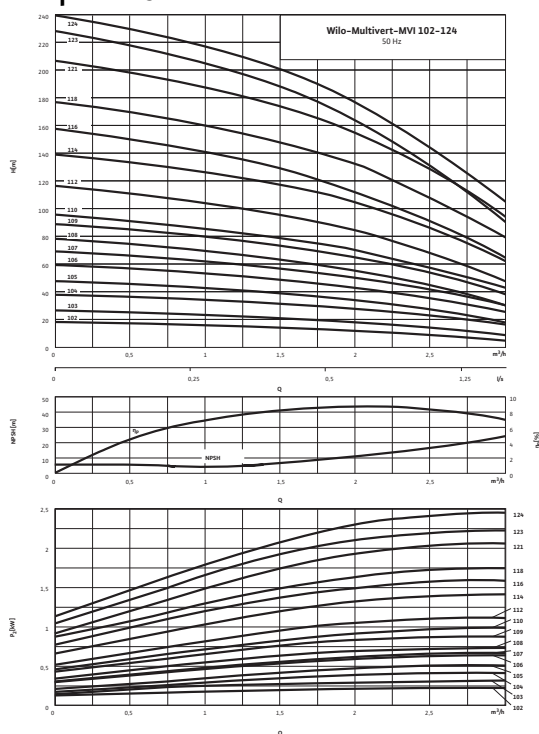
Data sheet: Wilo-Multivert MVI 107 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	25.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (3~400 V, EPDM, PN 16)

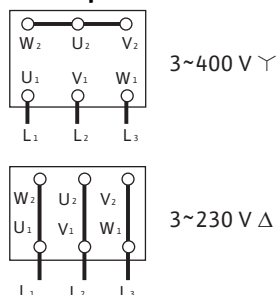
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	η_m 50%	76.0 %
Motor efficiency	η_m 75%	77.4 %
Motor efficiency	η_m 100%	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 108
Art no.	4070474

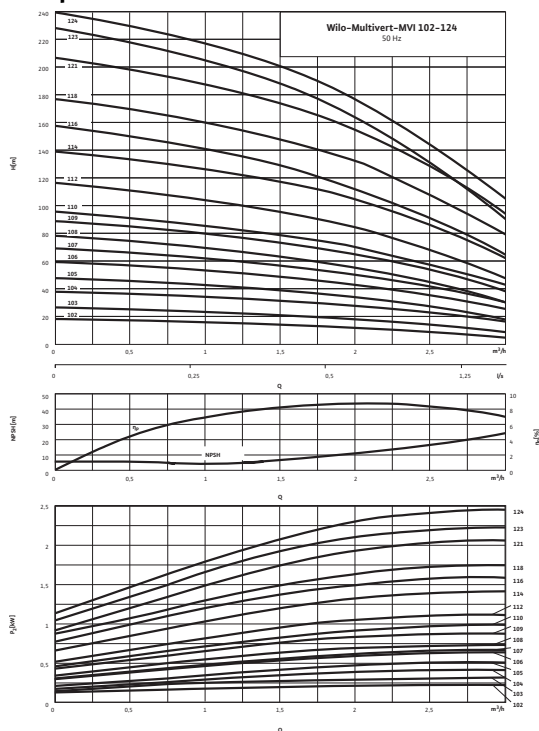
Data sheet: Wilo-Multivert MVI 108 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (3~400 V, EPDM, PN 16)

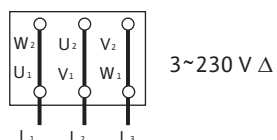
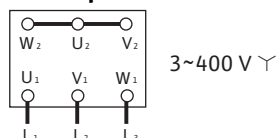
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 109
Art no.	4070475

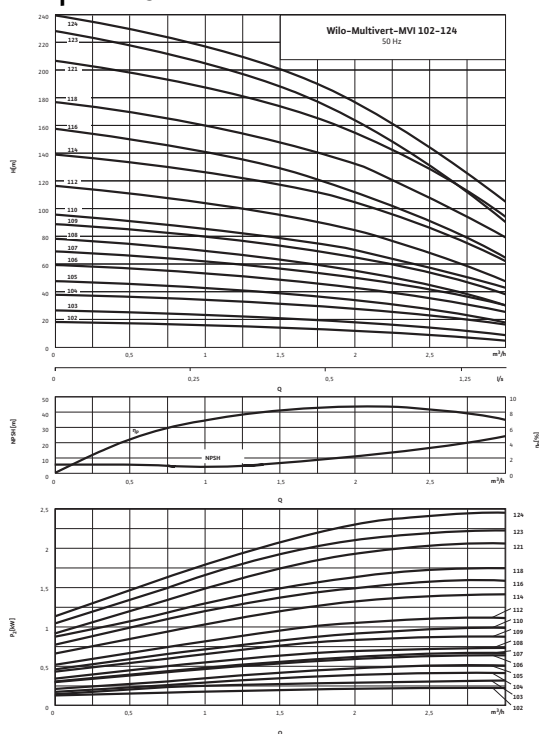
Data sheet: Wilo-Multivert MVI 109 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	30.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (3~400 V, EPDM, PN 16)

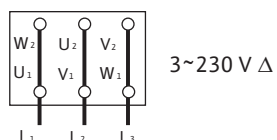
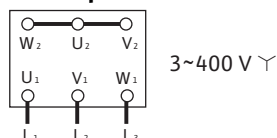
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 110
Art no.	4070476

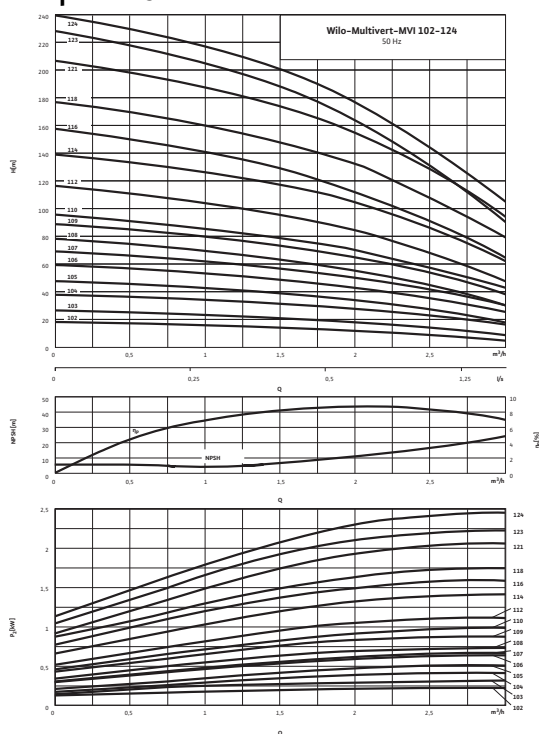
Data sheet: Wilo-Multivert MVI 110 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	31.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (3~400 V, EPDM, PN 16)

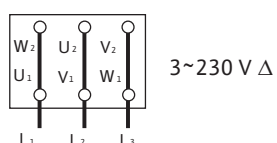
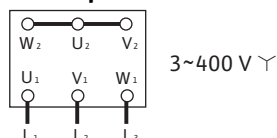
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 112
Art no.	4070477

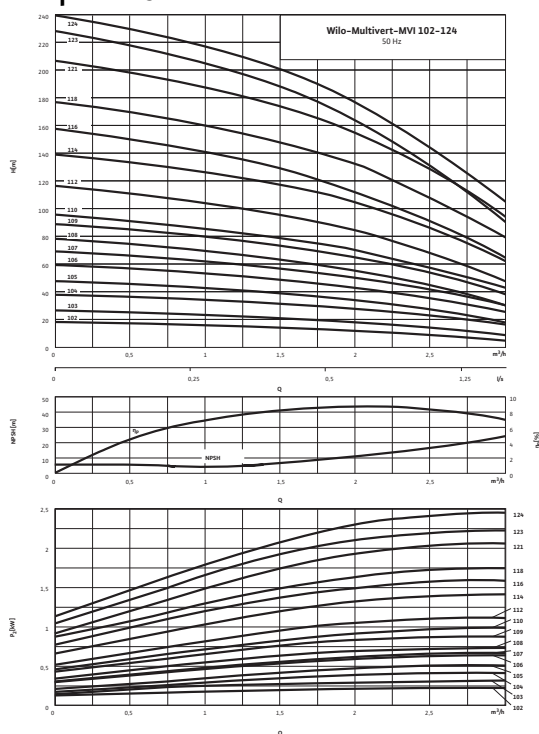
Data sheet: Wilo-Multivert MVI 112 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	32.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (3~400 V, EPDM, PN 16)

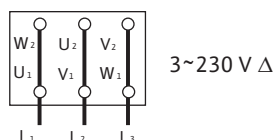
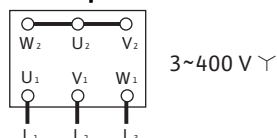
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 114
Art no.	4070478

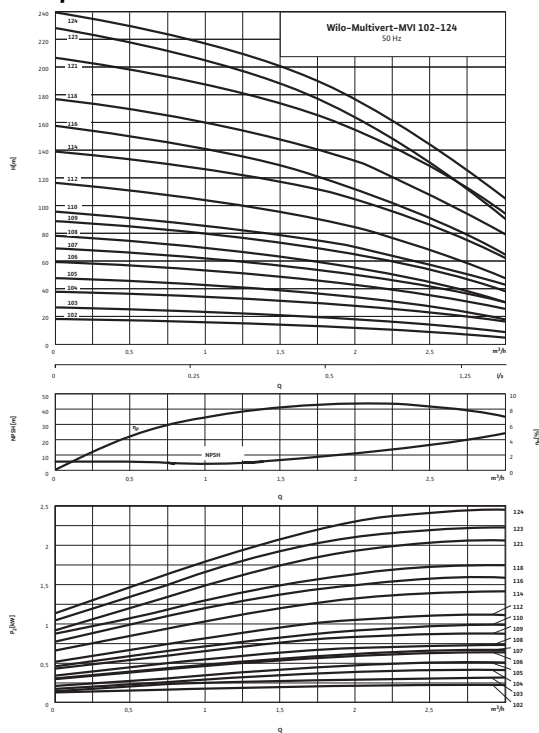
Data sheet: Wilo-Multivert MVI 114 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	41.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 102 (1~230 V, EPDM, PN 25)

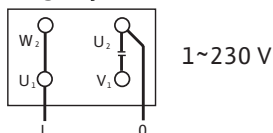
Pump curves



Pump curves in accordance with ISO 9906, class 2

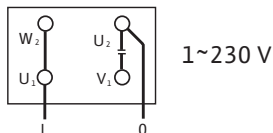
Terminal diagram

Single-phase current at wrong direction of rotation



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

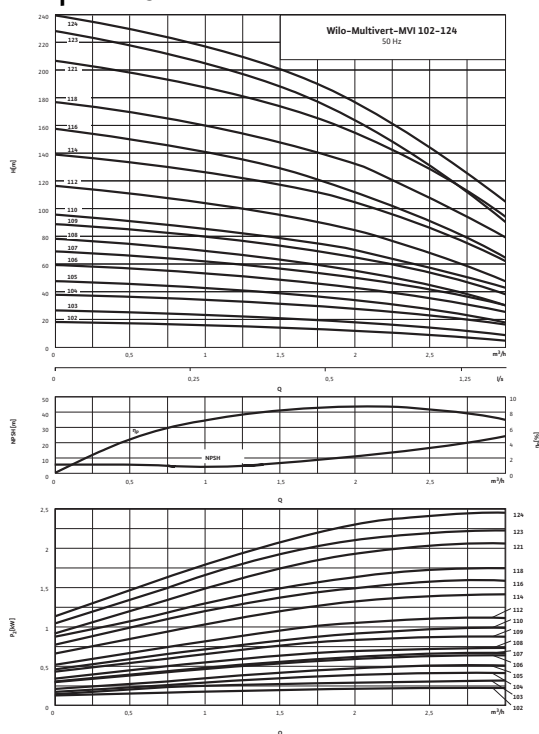
Information for order placements

Make	Wilo	
Type	MVI 102	
Art no.	4070520	
Weight approx.	m	20.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (1~230 V, EPDM, PN 25)

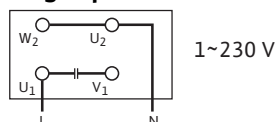
Pump curves



Pump curves in accordance with ISO 9906, class 2

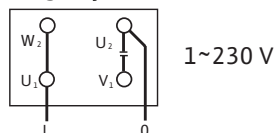
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

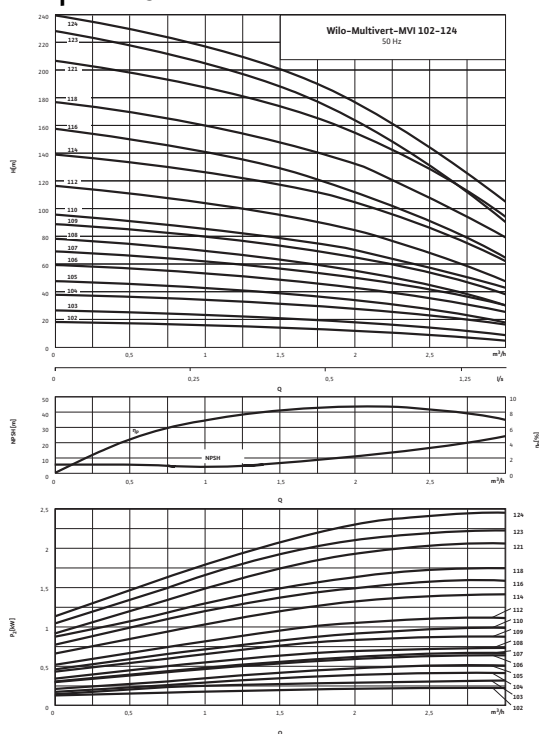
Information for order placements

Make	Wilo	
Type	MVI 103	
Art no.	4070521	
Weight approx.	m	20.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (1~230 V, EPDM, PN 25)

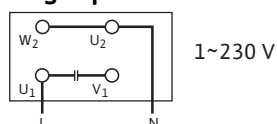
Pump curves



Pump curves in accordance with ISO 9906, class 2

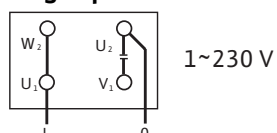
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

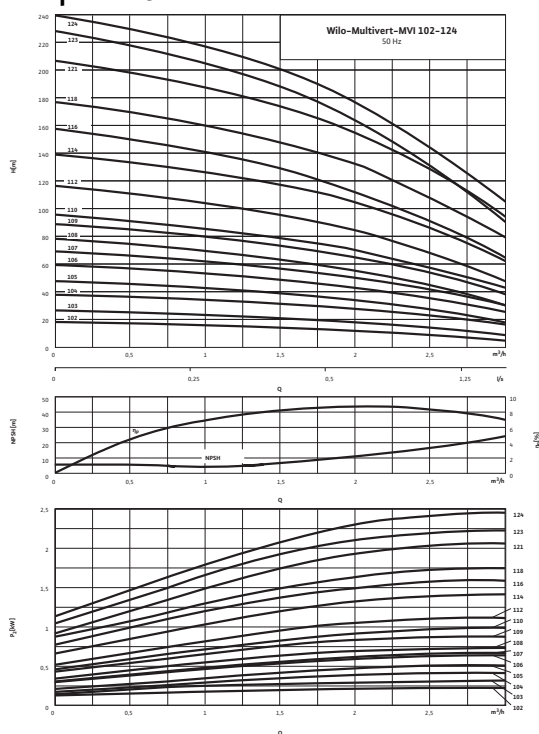
Information for order placements

Make	Wilo	
Type	MVI 104	
Art no.	4070522	
Weight approx.	m	21.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (1~230 V, EPDM, PN 25)

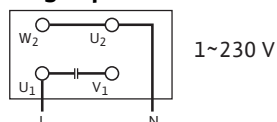
Pump curves



Pump curves in accordance with ISO 9906, class 2

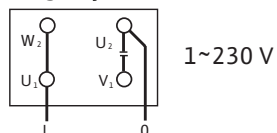
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

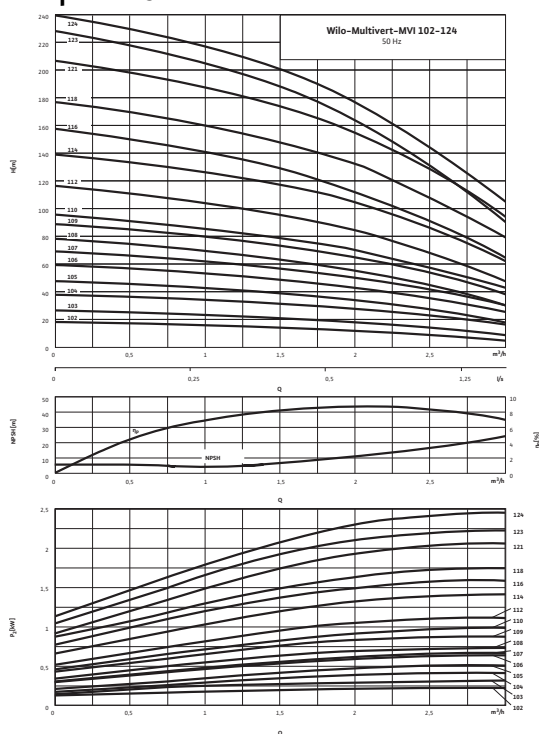
Information for order placements

Make	Wilo	
Type	MVI 105	
Art no.	4070523	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (1~230 V, EPDM, PN 25)

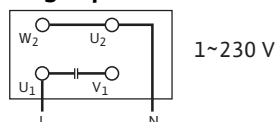
Pump curves



Pump curves in accordance with ISO 9906, class 2

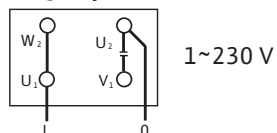
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

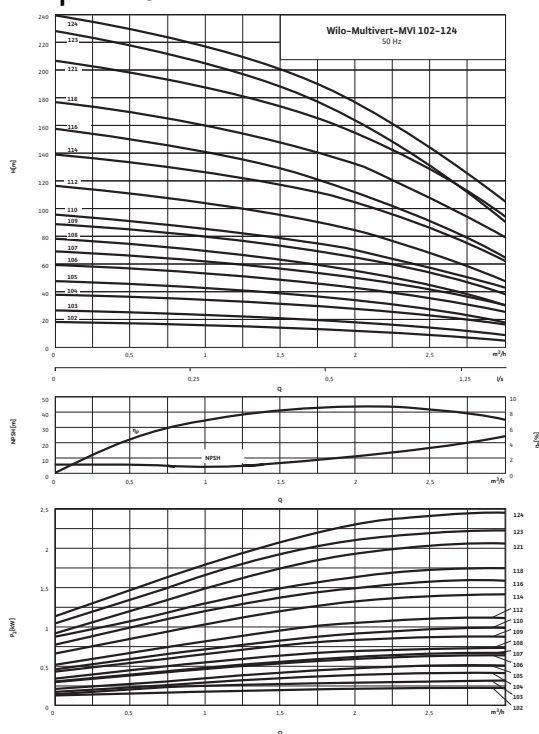
Information for order placements

Make	Wilo	
Type	MVI 106	
Art no.	4070524	
Weight approx.	m	25.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (1~230 V, EPDM, PN 25)

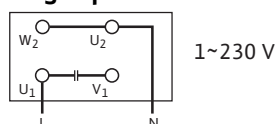
Pump curves



Pump curves in accordance with ISO 9906, class 2

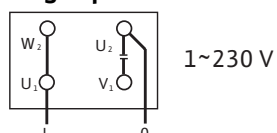
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

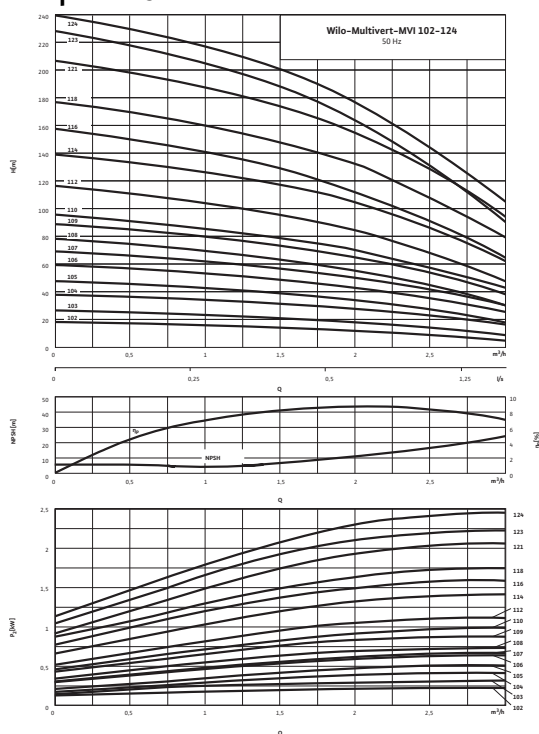
Information for order placements

Make	Wilo	
Type	MVI 107	
Art no.	4070525	
Weight approx.	m	25.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (1~230 V, EPDM, PN 25)

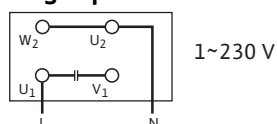
Pump curves



Pump curves in accordance with ISO 9906, class 2

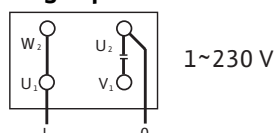
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

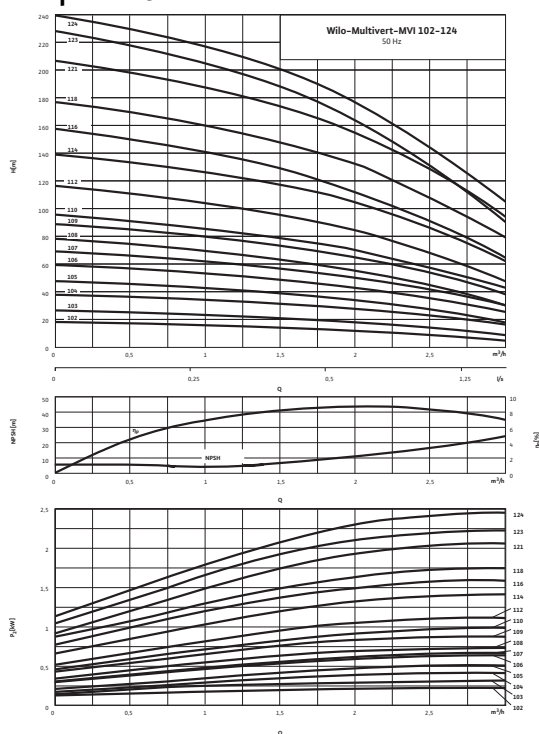
Information for order placements

Make	Wilo	
Type	MVI 108	
Art no.	4070526	
Weight approx.	m	27.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (1~230 V, EPDM, PN 25)

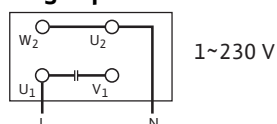
Pump curves



Pump curves in accordance with ISO 9906, class 2

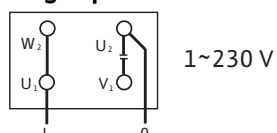
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

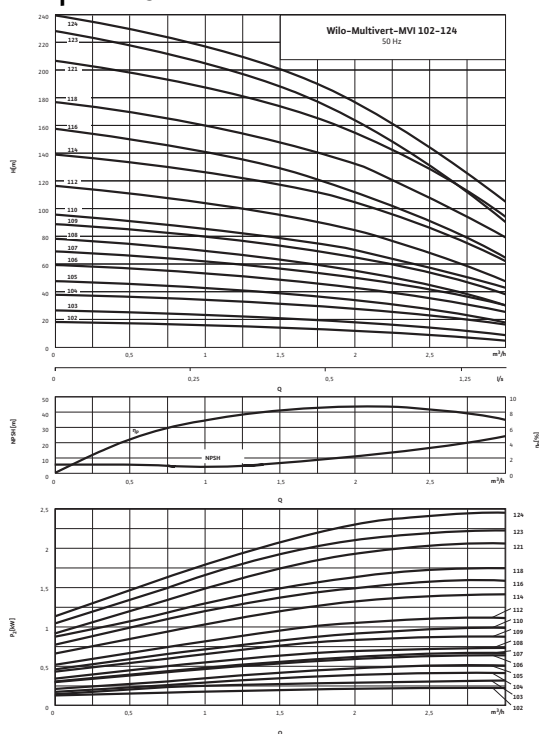
Information for order placements

Make	Wilo	
Type	MVI 109	
Art no.	4070527	
Weight approx.	m	28.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (1~230 V, EPDM, PN 25)

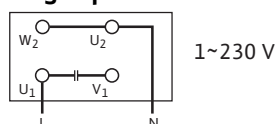
Pump curves



Pump curves in accordance with ISO 9906, class 2

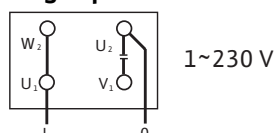
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

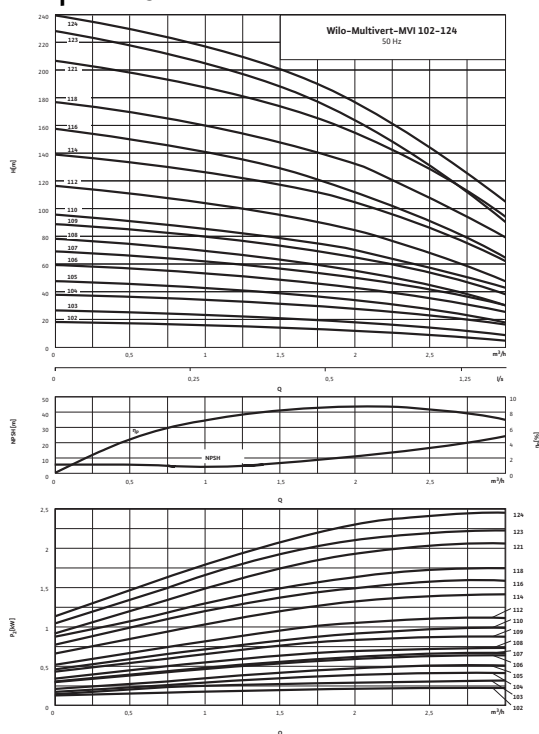
Information for order placements

Make	Wilo	
Type	MVI 110	
Art no.	4070528	
Weight approx.	m	29.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (1~230 V, EPDM, PN 25)

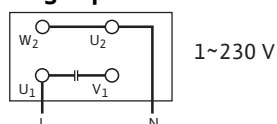
Pump curves



Pump curves in accordance with ISO 9906, class 2

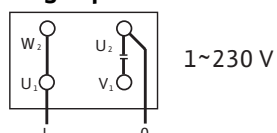
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

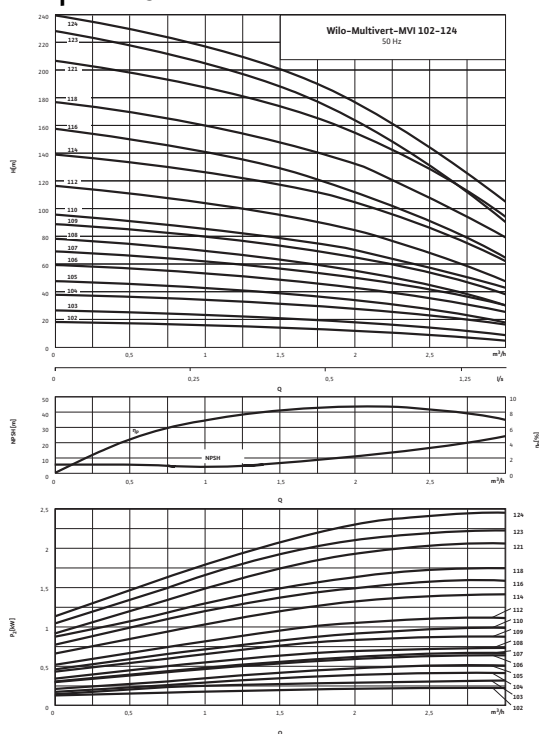
Information for order placements

Make	Wilo	
Type	MVI 112	
Art no.	4070529	
Weight approx.	m	30.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (1~230 V, EPDM, PN 25)

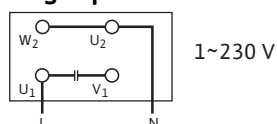
Pump curves



Pump curves in accordance with ISO 9906, class 2

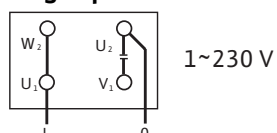
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	η_m 100%	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

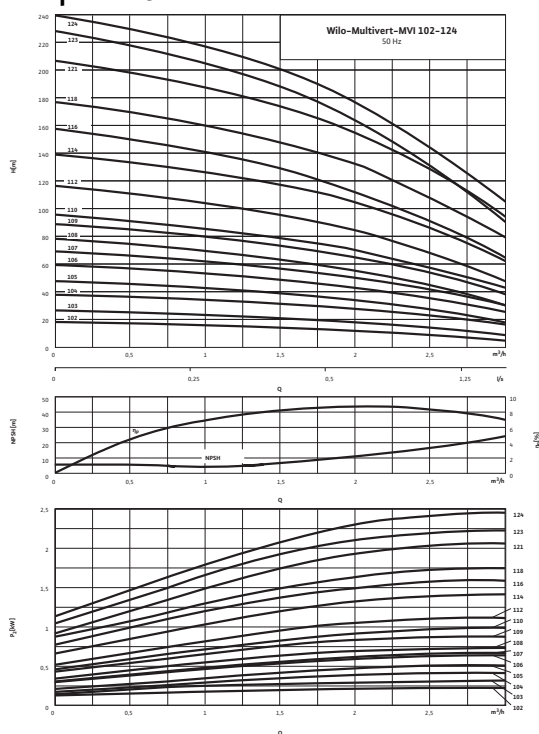
Information for order placements

Make	Wilo	
Type	MVI 114	
Art no.	4070530	
Weight approx.	m	41.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 102 (3~400 V, EPDM, PN 25)

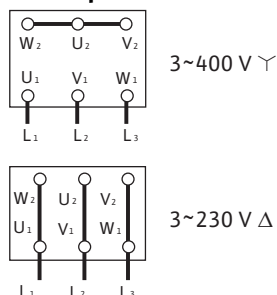
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 102
Art no.	4070479

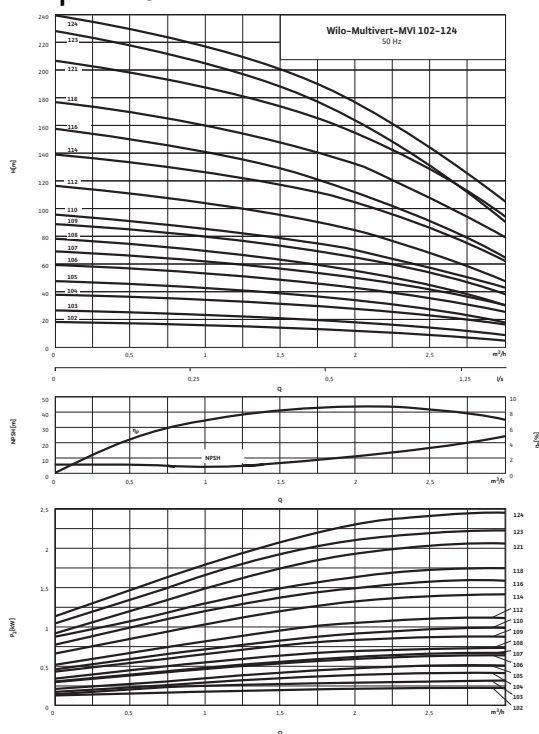
Data sheet: Wilo-Multivert MVI 102 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	21.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (3~400 V, EPDM, PN 25)

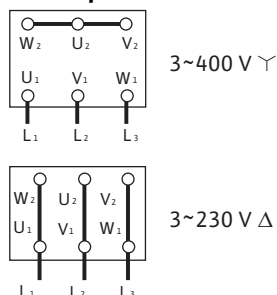
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 103
Art no.	4070480

Data sheet: Wilo-Multivert MVI 103 (3~400 V, EPDM, PN 25)

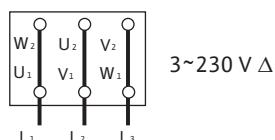
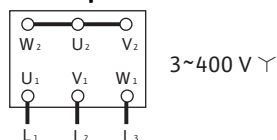
Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (3~400 V, EPDM, PN 25)

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 104
Art no.	4070481

Data sheet: Wilo-Multivert MVI 104 (3~400 V, EPDM, PN 25)

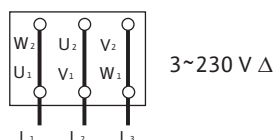
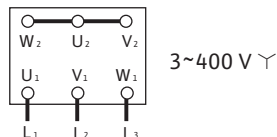
Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (3~400 V, EPDM, PN 25)

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m_{50\%}}$	73.0 %
Motor efficiency	$\eta_{m_{75\%}}$	75.0 %
Motor efficiency	$\eta_{m_{100\%}}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 105
Art no.	4070482

Data sheet: Wilo-Multivert MVI 105 (3~400 V, EPDM, PN 25)

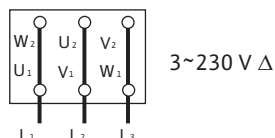
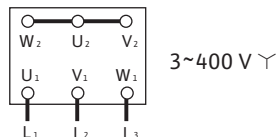
Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (3~400 V, EPDM, PN 25)

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m_{50\%}}$	76.0 %
Motor efficiency	$\eta_{m_{75\%}}$	77.4 %
Motor efficiency	$\eta_{m_{100\%}}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 106
Art no.	4070483

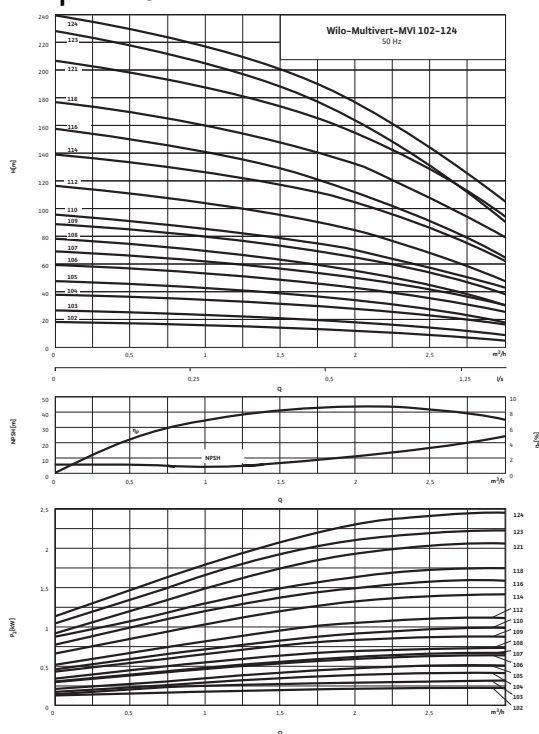
Data sheet: Wilo-Multivert MVI 106 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (3~400 V, EPDM, PN 25)

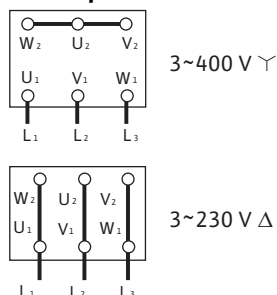
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 107
Art no.	4070484

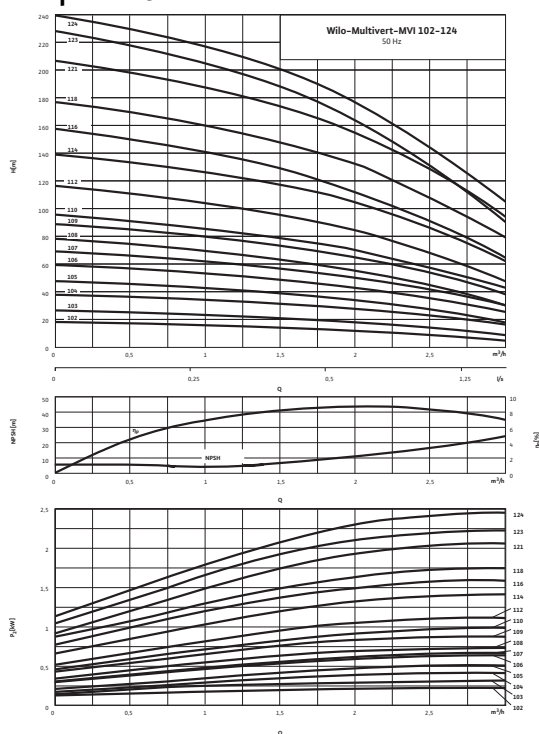
Data sheet: Wilo-Multivert MVI 107 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (3~400 V, EPDM, PN 25)

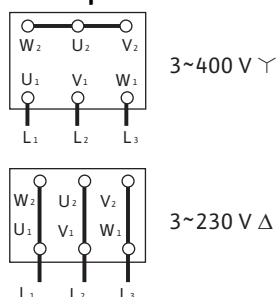
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 108
Art no.	4070485

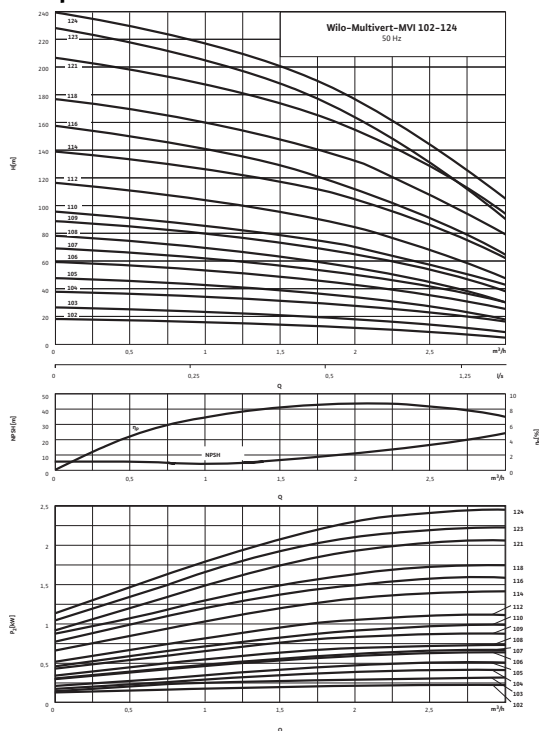
Data sheet: Wilo-Multivert MVI 108 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (3~400 V, EPDM, PN 25)

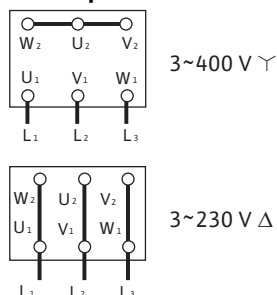
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 109
Art no.	4070486

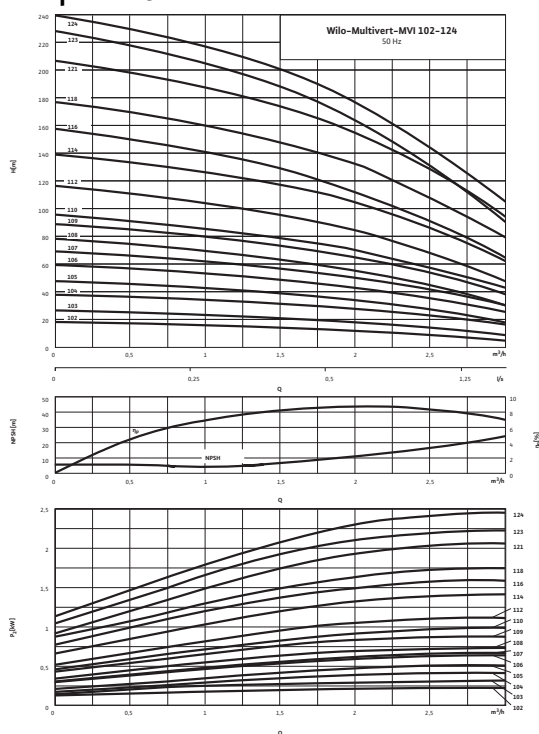
Data sheet: Wilo-Multivert MVI 109 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	32.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (3~400 V, EPDM, PN 25)

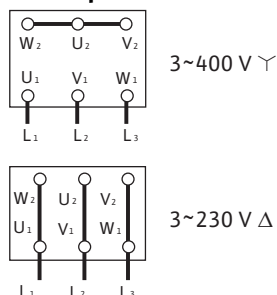
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 110
Art no.	4070487

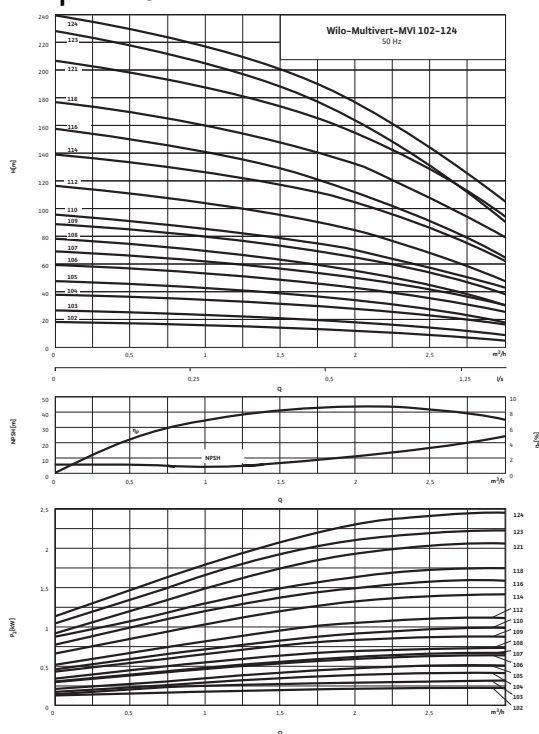
Data sheet: Wilo-Multivert MVI 110 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	32.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (3~400 V, EPDM, PN 25)

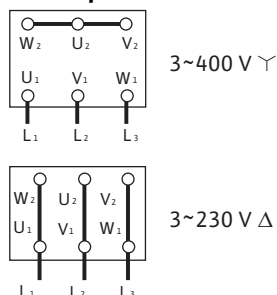
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 112
Art no.	4070488

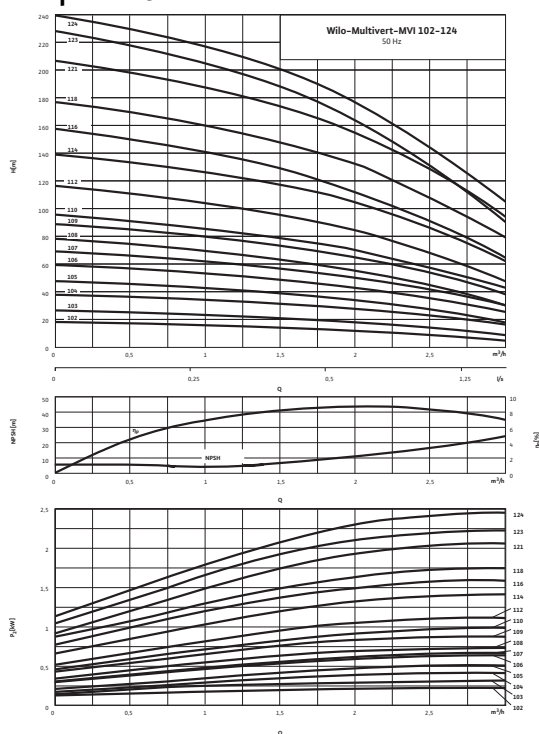
Data sheet: Wilo-Multivert MVI 112 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	34.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (3~400 V, EPDM, PN 25)

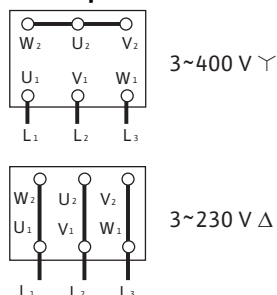
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 114
Art no.	4070489

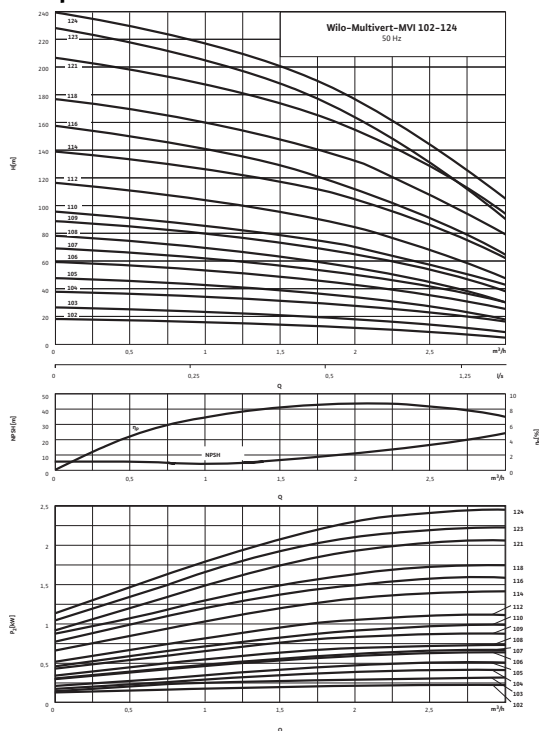
Data sheet: Wilo-Multivert MVI 114 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	42.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 116 (3~400 V, EPDM, PN 25)

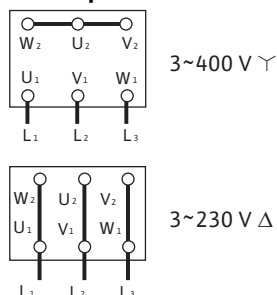
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 116
Art no.	4070490

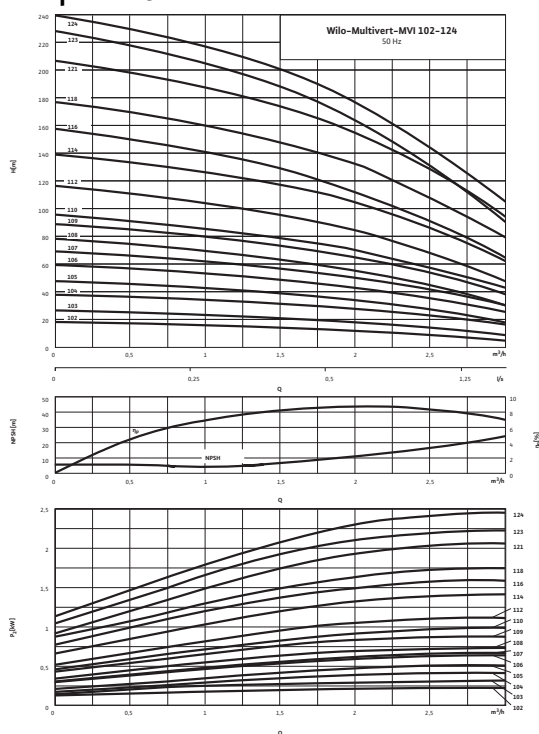
Data sheet: Wilo-Multivert MVI 116 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	43.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 118 (3~400 V, EPDM, PN 25)

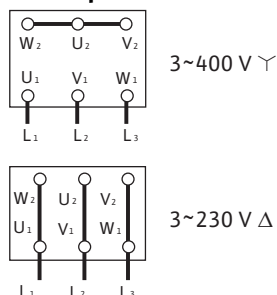
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 118
Art no.	4070491

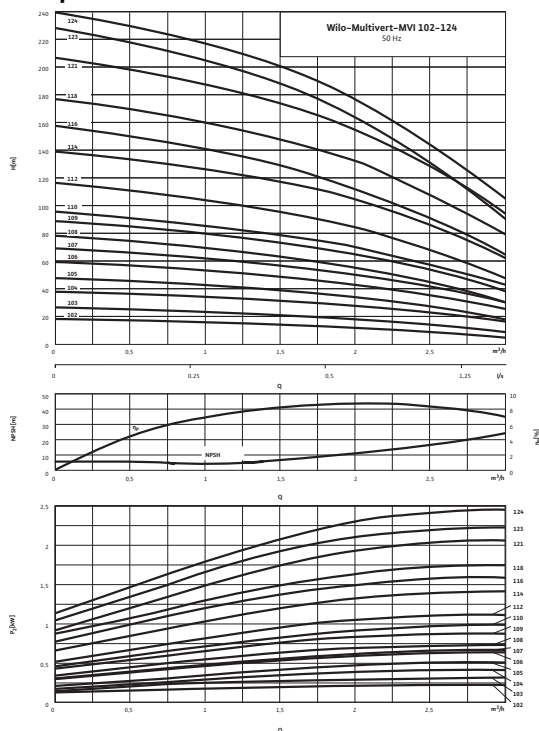
Data sheet: Wilo-Multivert MVI 118 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 121 (3~400 V, EPDM, PN 25)

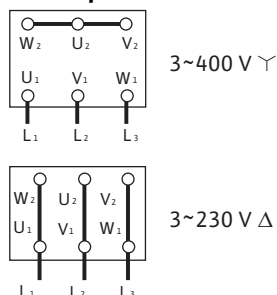
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 121
Art no.	4070492

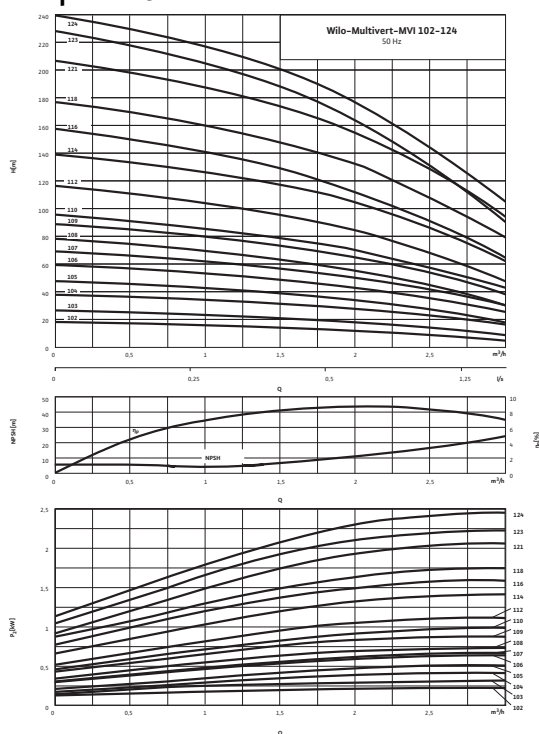
Data sheet: Wilo-Multivert MVI 121 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 123 (3~400 V, EPDM, PN 25)

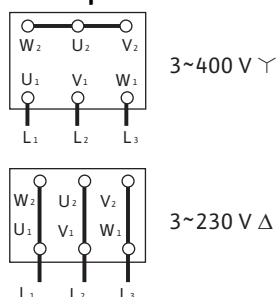
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 123
Art no.	4070493

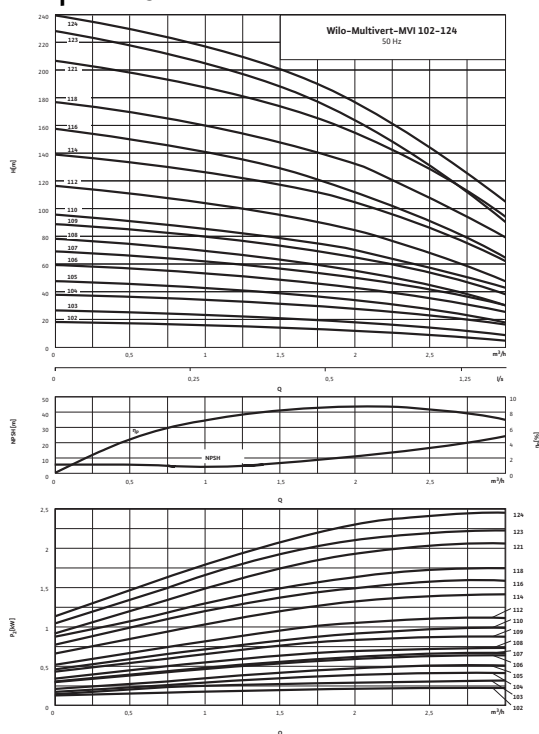
Data sheet: Wilo-Multivert MVI 123 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 124 (3~400 V, EPDM, PN 25)

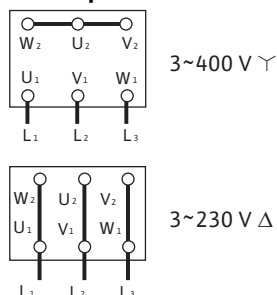
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 124
Art no.	4084437

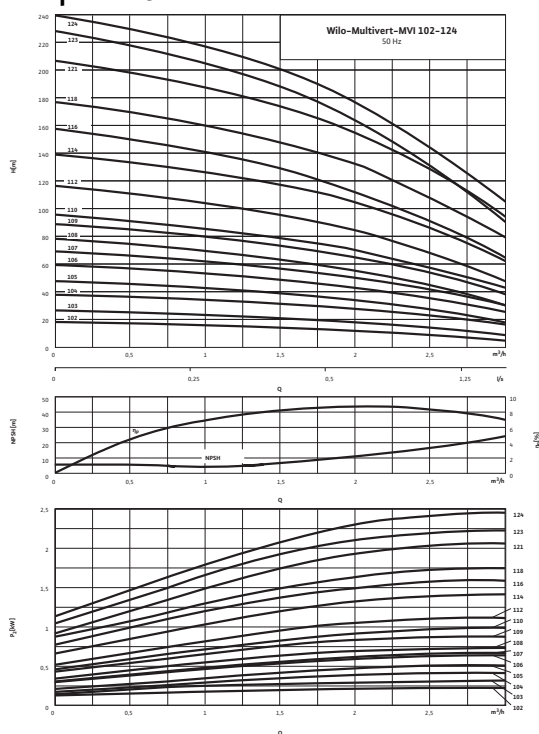
Data sheet: Wilo-Multivert MVI 124 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	58.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 102 (1~230 V, FKM, PN 25)

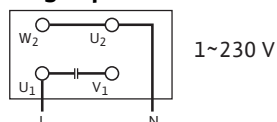
Pump curves



Pump curves in accordance with ISO 9906, class 2

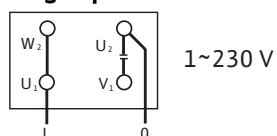
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

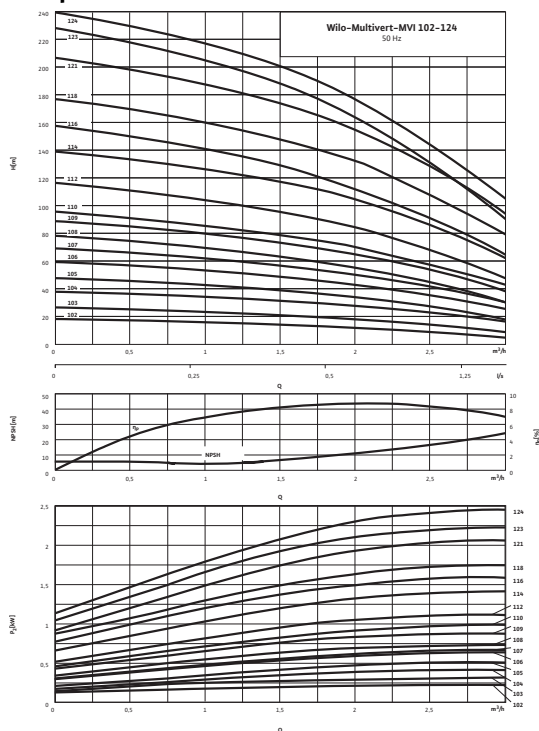
Information for order placements

Make	Wilo	
Type	MVI 102	
Art no.	4070535	
Weight approx.	m	20.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (1~230 V, FKM, PN 25)

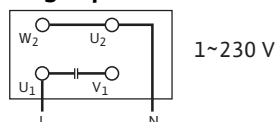
Pump curves



Pump curves in accordance with ISO 9906, class 2

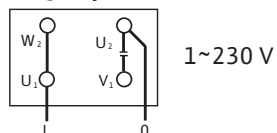
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

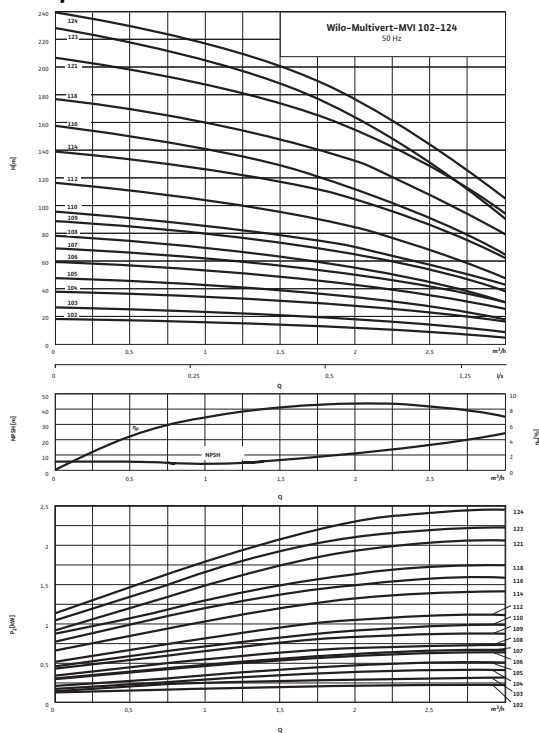
Information for order placements

Make	Wilo	
Type	MVI 103	
Art no.	4070536	
Weight approx.	m	20.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (1~230 V, FKM, PN 25)

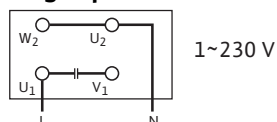
Pump curves



Pump curves in accordance with ISO 9906, class 2

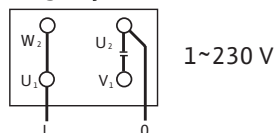
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

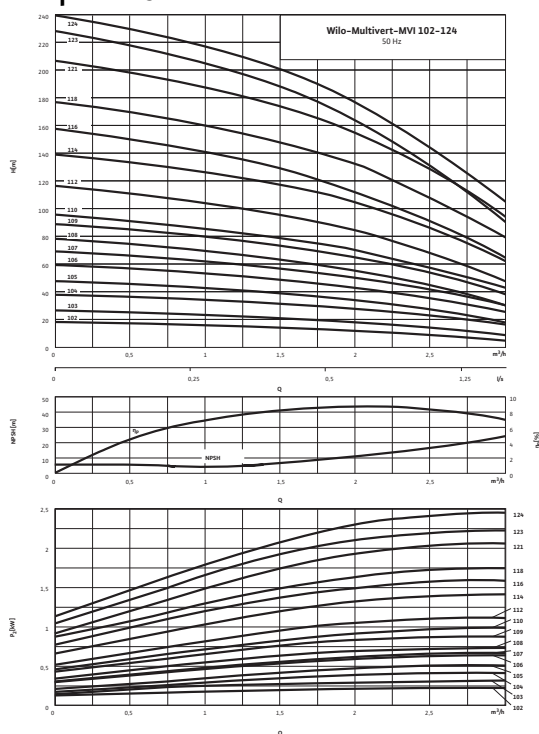
Information for order placements

Make	Wilo	
Type	MVI 104	
Art no.	4070537	
Weight approx.	m	21.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (1~230 V, FKM, PN 25)

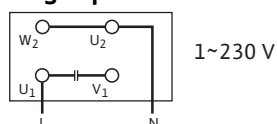
Pump curves



Pump curves in accordance with ISO 9906, class 2

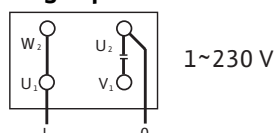
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG G

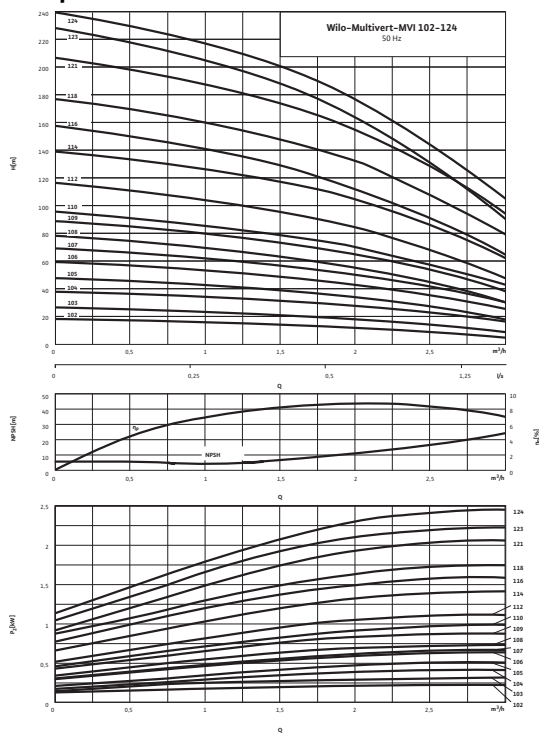
Information for order placements

Make	Wilo	
Type	MVI 105	
Art no.	4070538	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (1~230 V, FKM, PN 25)

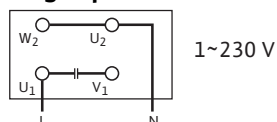
Pump curves



Pump curves in accordance with ISO 9906, class 2

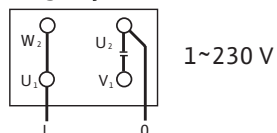
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

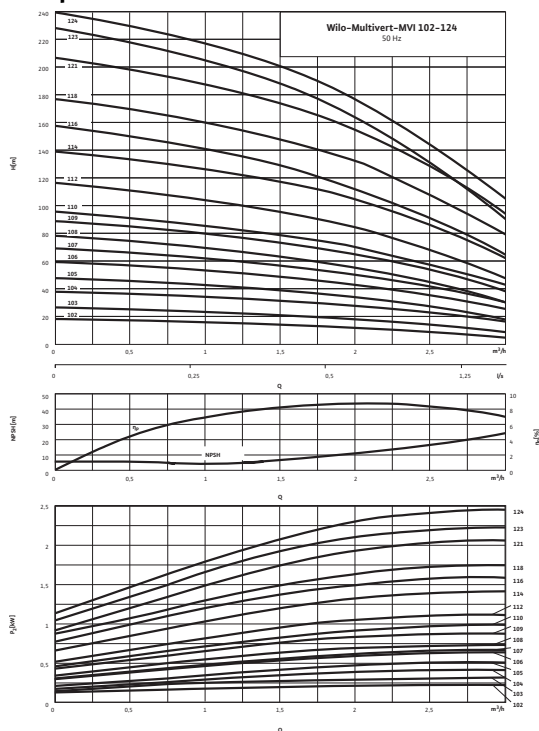
Information for order placements

Make	Wilo	
Type	MVI 106	
Art no.	4070539	
Weight approx.	m	25.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (1~230 V, FKM, PN 25)

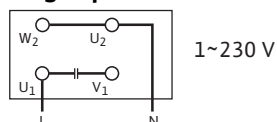
Pump curves



Pump curves in accordance with ISO 9906, class 2

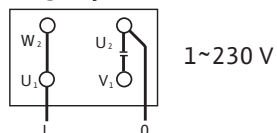
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

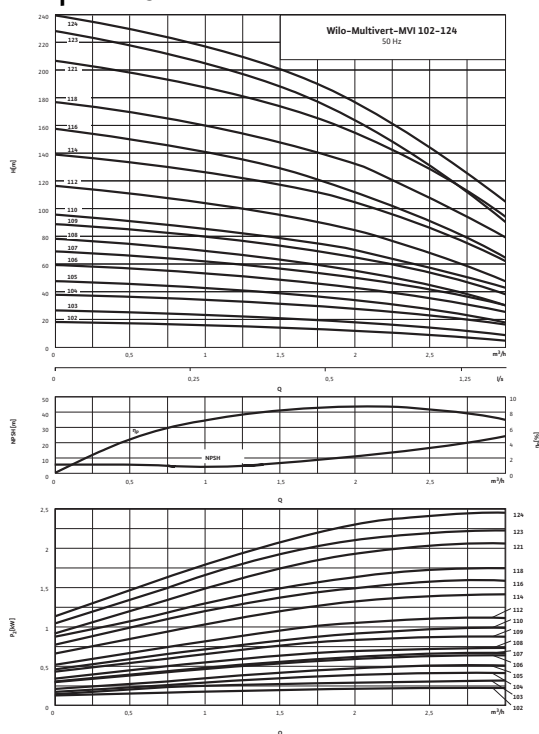
Information for order placements

Make	Wilo	
Type	MVI 107	
Art no.	4070540	
Weight approx.	m	25.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (1~230 V, FKM, PN 25)

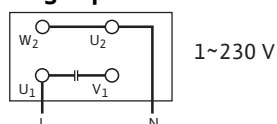
Pump curves



Pump curves in accordance with ISO 9906, class 2

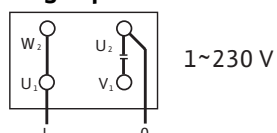
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

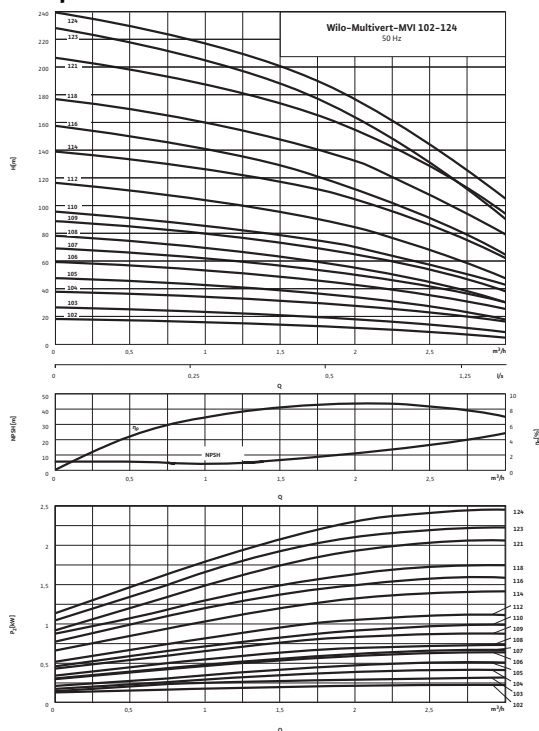
Information for order placements

Make	Wilo	
Type	MVI 108	
Art no.	4070541	
Weight approx.	m	27.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (1~230 V, FKM, PN 25)

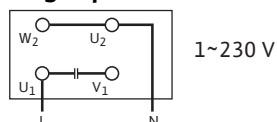
Pump curves



Pump curves in accordance with ISO 9906, class 2

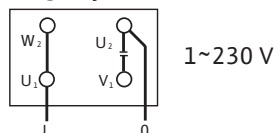
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG G

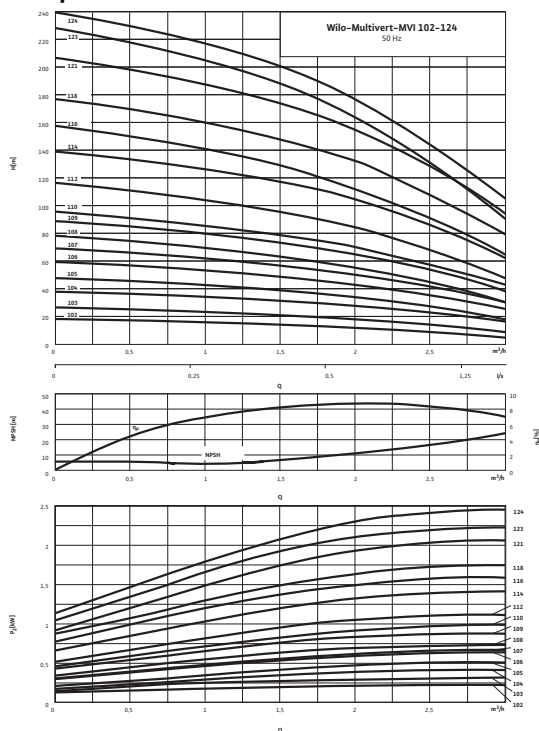
Information for order placements

Make	Wilo	
Type	MVI 109	
Art no.	4070542	
Weight approx.	m	28.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (1~230 V, FKM, PN 25)

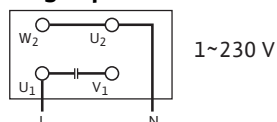
Pump curves



Pump curves in accordance with ISO 9906, class 2

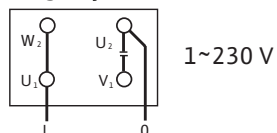
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

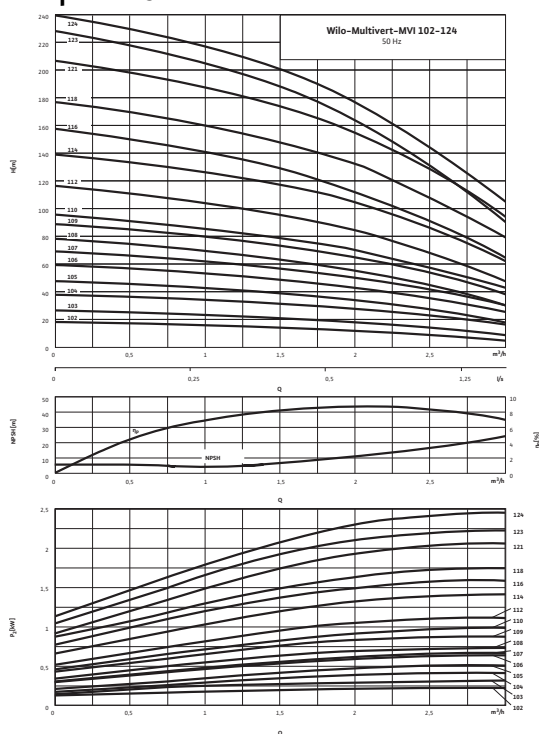
Information for order placements

Make	Wilo	
Type	MVI 110	
Art no.	4070543	
Weight approx.	m	29.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (1~230 V, FKM, PN 25)

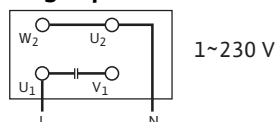
Pump curves



Pump curves in accordance with ISO 9906, class 2

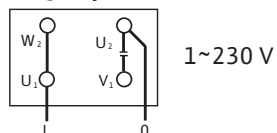
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG G

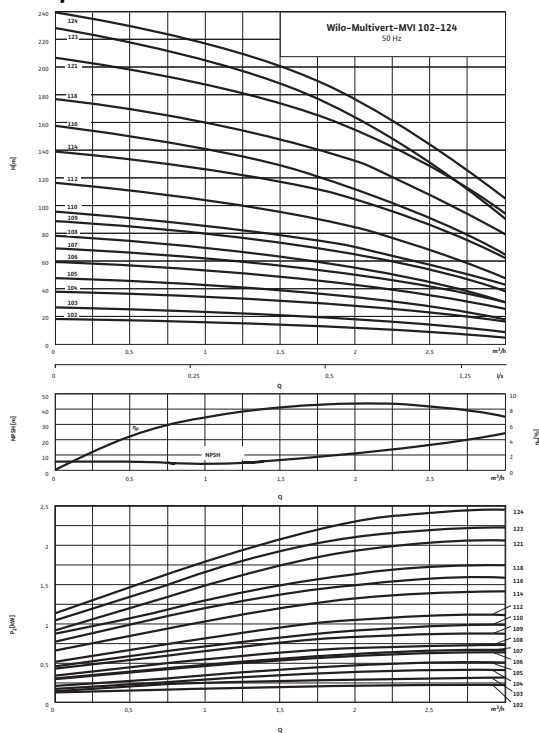
Information for order placements

Make	Wilo	
Type	MVI 112	
Art no.	4070544	
Weight approx.	m	30.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (1~230 V, FKM, PN 25)

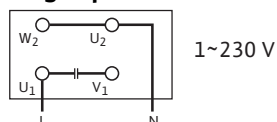
Pump curves



Pump curves in accordance with ISO 9906, class 2

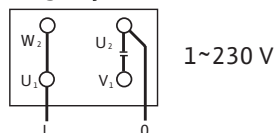
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	η_m 100%	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

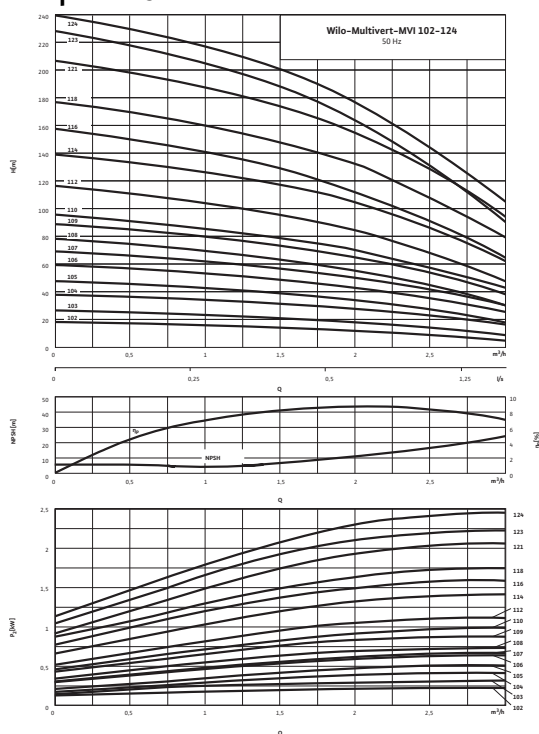
Information for order placements

Make	Wilo	
Type	MVI 114	
Art no.	4070545	
Weight approx.	m	41.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 102 (3~400 V, FKM, PN 25)

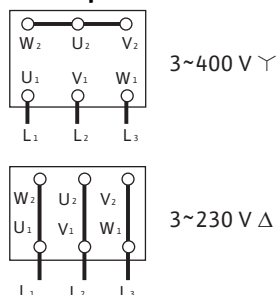
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 102
Art no.	4070494

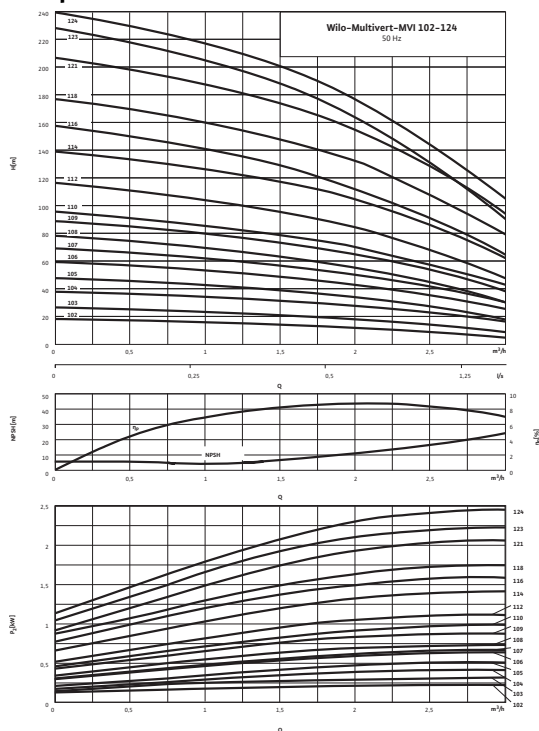
Data sheet: Wilo-Multivert MVI 102 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	21.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 103 (3~400 V, FKM, PN 25)

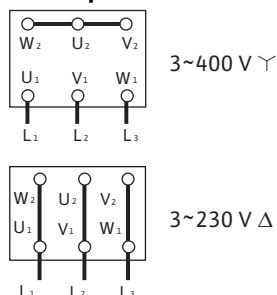
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 103
Art no.	4070495

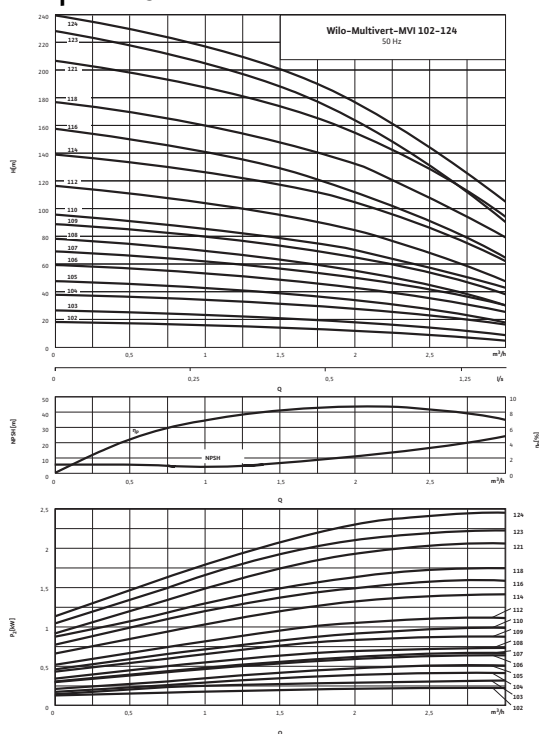
Data sheet: Wilo-Multivert MVI 103 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 104 (3~400 V, FKM, PN 25)

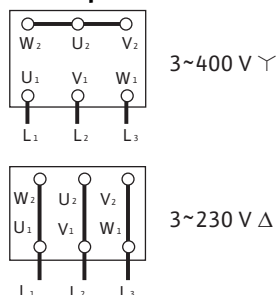
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	η_m 50%	73.0 %
Motor efficiency	η_m 75%	75.0 %
Motor efficiency	η_m 100%	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 104
Art no.	4070496

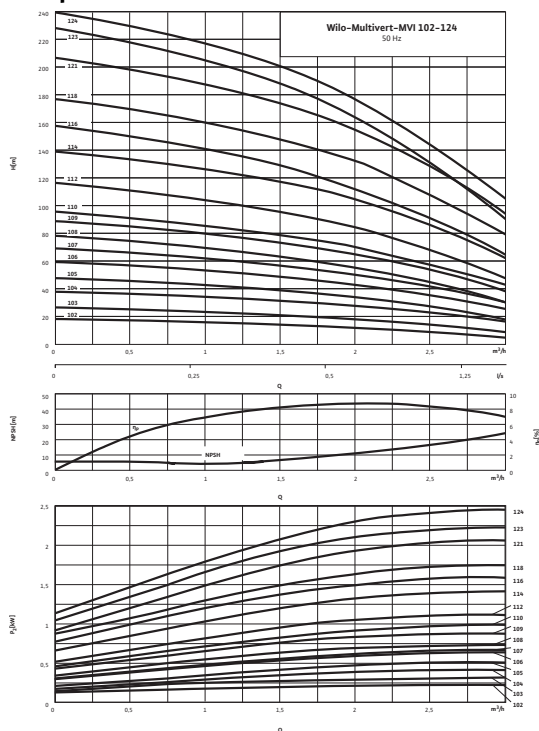
Data sheet: Wilo-Multivert MVI 104 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 105 (3~400 V, FKM, PN 25)

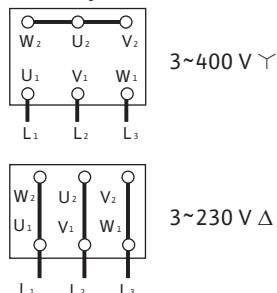
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 105
Art no.	4070497

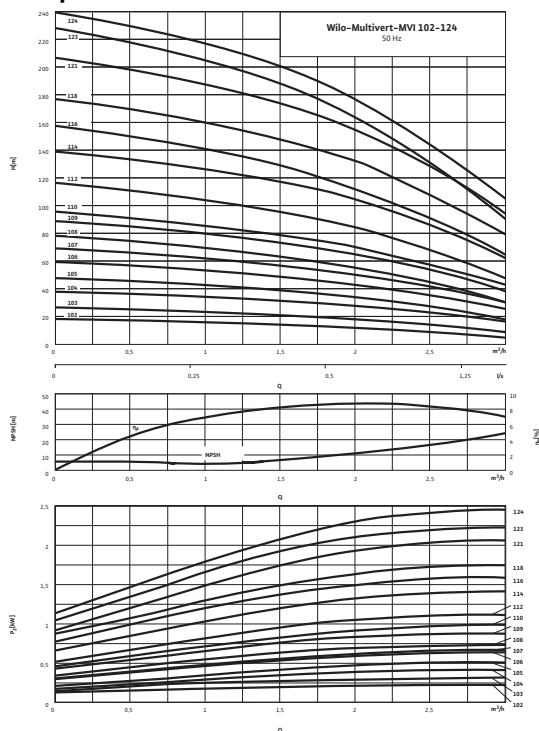
Data sheet: Wilo-Multivert MVI 105 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 106 (3~400 V, FKM, PN 25)

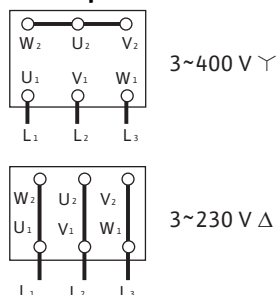
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	η_m 50%	76.0 %
Motor efficiency	η_m 75%	77.4 %
Motor efficiency	η_m 100%	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 106
Art no.	4070498

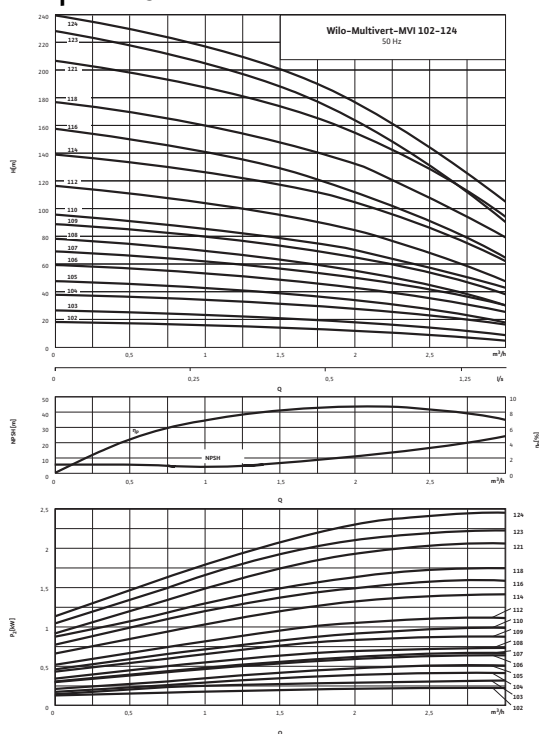
Data sheet: Wilo-Multivert MVI 106 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 107 (3~400 V, FKM, PN 25)

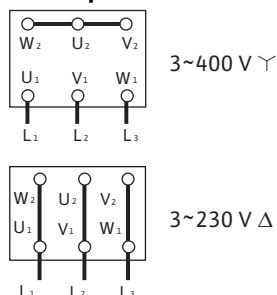
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	η_m 50%	76.0 %
Motor efficiency	η_m 75%	77.4 %
Motor efficiency	η_m 100%	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 107
Art no.	4070499

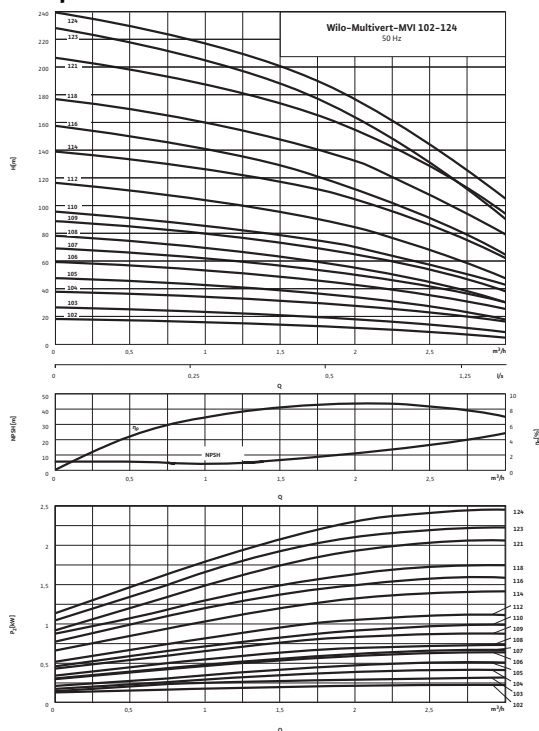
Data sheet: Wilo-Multivert MVI 107 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 108 (3~400 V, FKM, PN 25)

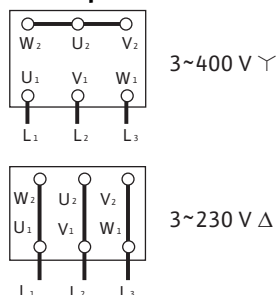
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 108
Art no.	4070500

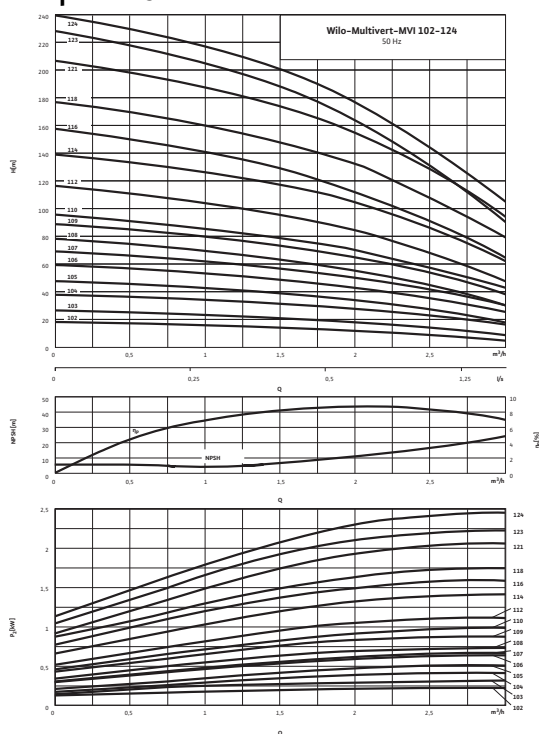
Data sheet: Wilo-Multivert MVI 108 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 109 (3~400 V, FKM, PN 25)

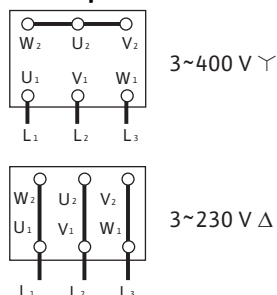
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 109
Art no.	4070501

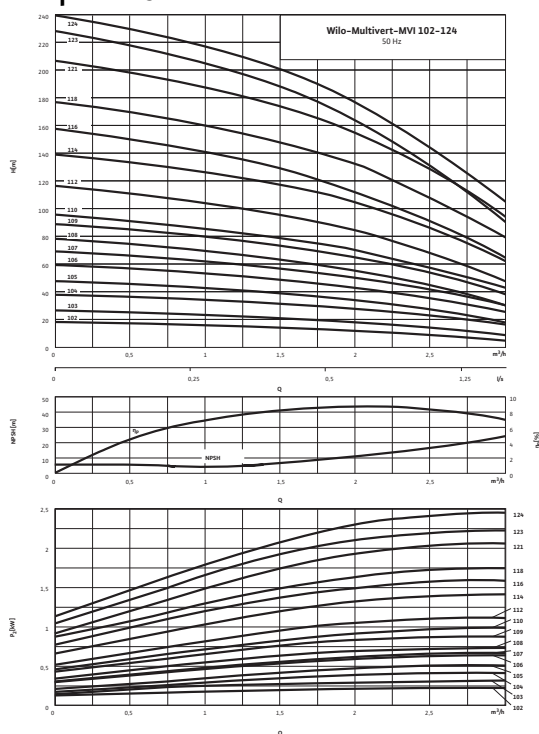
Data sheet: Wilo-Multivert MVI 109 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	32.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 110 (3~400 V, FKM, PN 25)

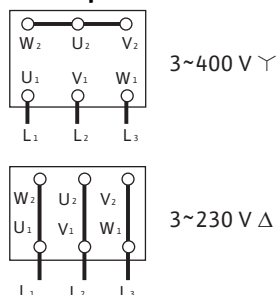
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 110
Art no.	4070502

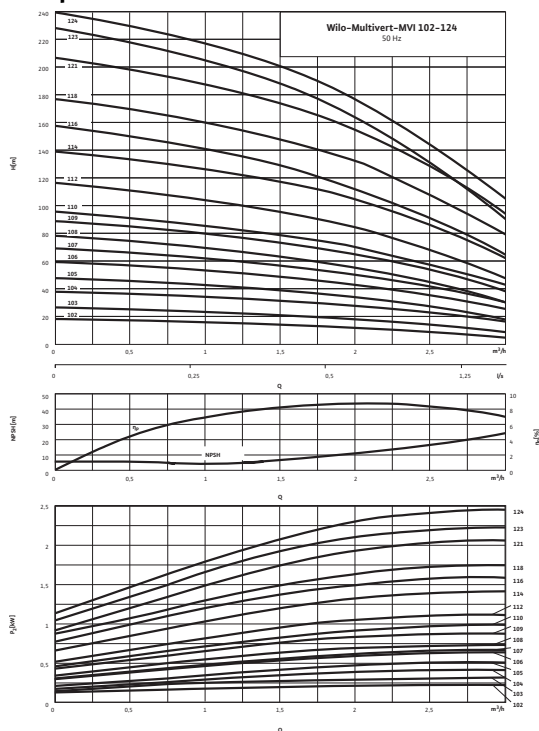
Data sheet: Wilo-Multivert MVI 110 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	32.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 112 (3~400 V, FKM, PN 25)

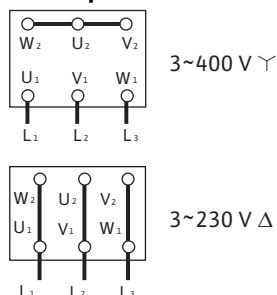
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 112
Art no.	4070503

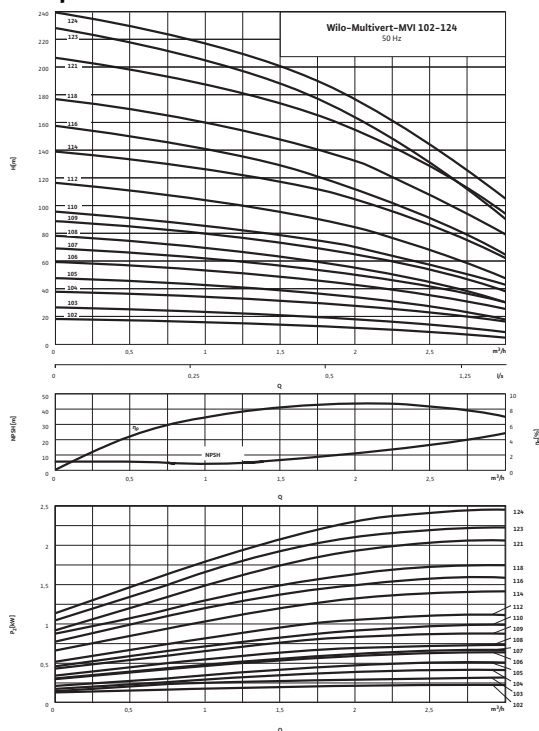
Data sheet: Wilo-Multivert MVI 112 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	34.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 114 (3~400 V, FKM, PN 25)

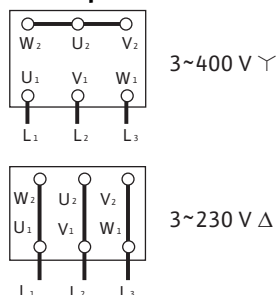
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	η_m 50%	80.0 %
Motor efficiency	η_m 75%	81.3 %
Motor efficiency	η_m 100%	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 114
Art no.	4070504

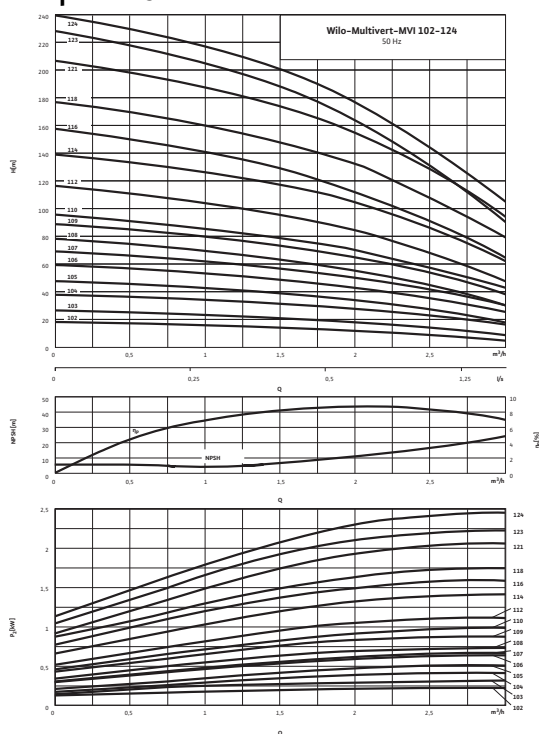
Data sheet: Wilo-Multivert MVI 114 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	42.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 116 (3~400 V, FKM, PN 25)

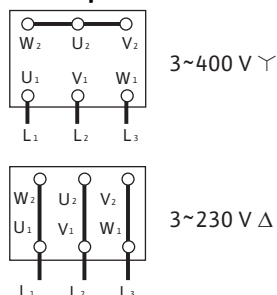
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 116
Art no.	4070505

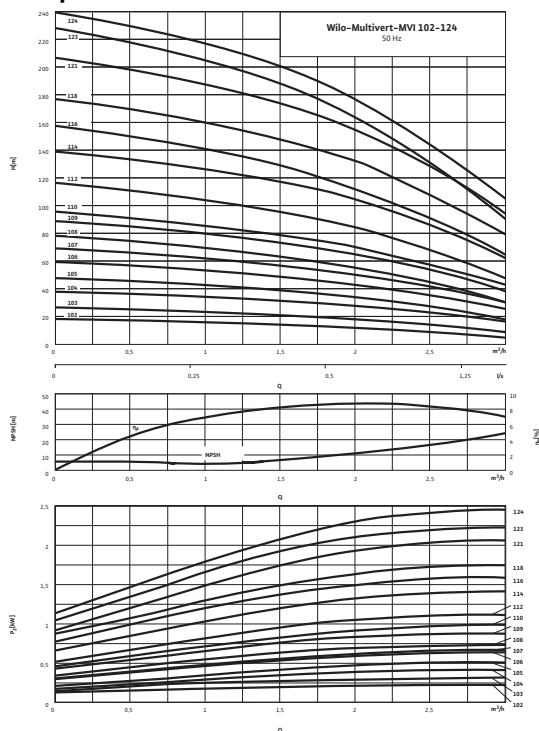
Data sheet: Wilo-Multivert MVI 116 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	43.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 118 (3~400 V, FKM, PN 25)

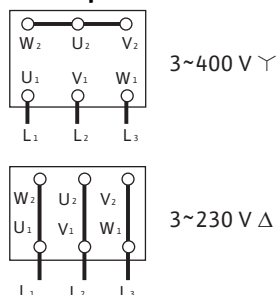
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 118
Art no.	4070506

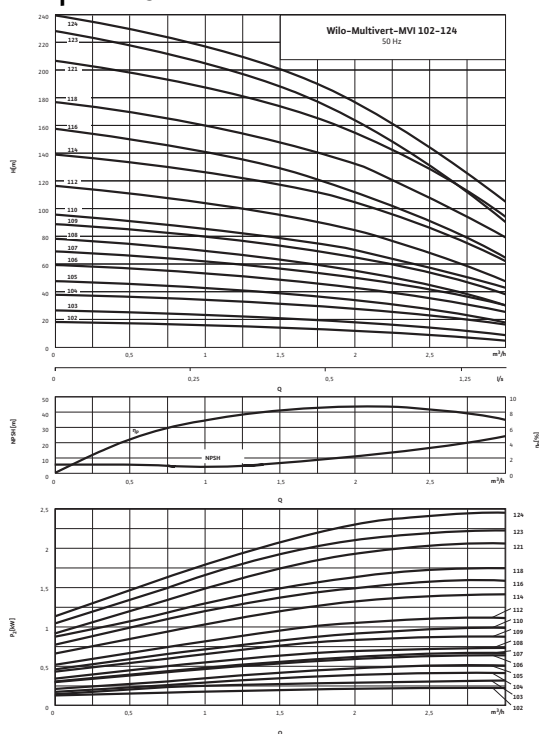
Data sheet: Wilo-Multivert MVI 118 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 121 (3~400 V, FKM, PN 25)

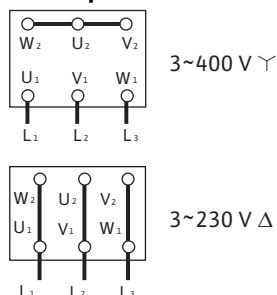
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 121
Art no.	4070507

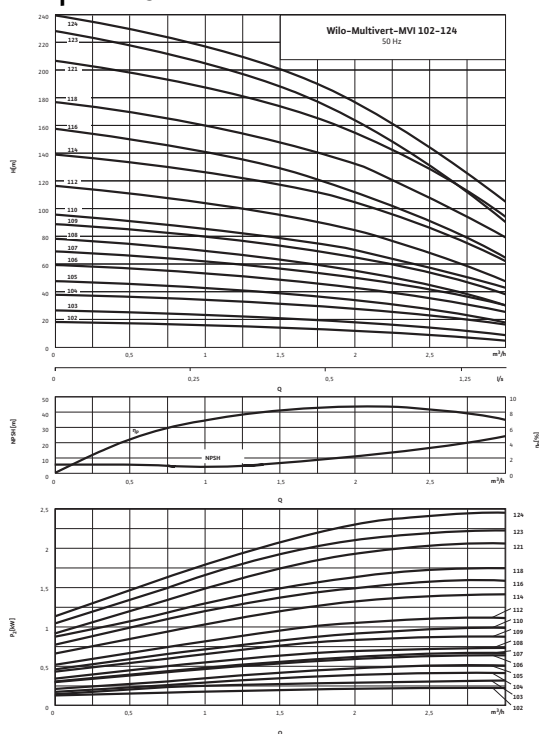
Data sheet: Wilo-Multivert MVI 121 (3~400 V, FKM, PN 25)

Weight approx.	m	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 123 (3~400 V, FKM, PN 25)

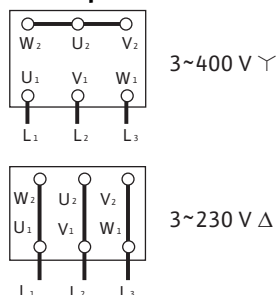
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 123
Art no.	4070508

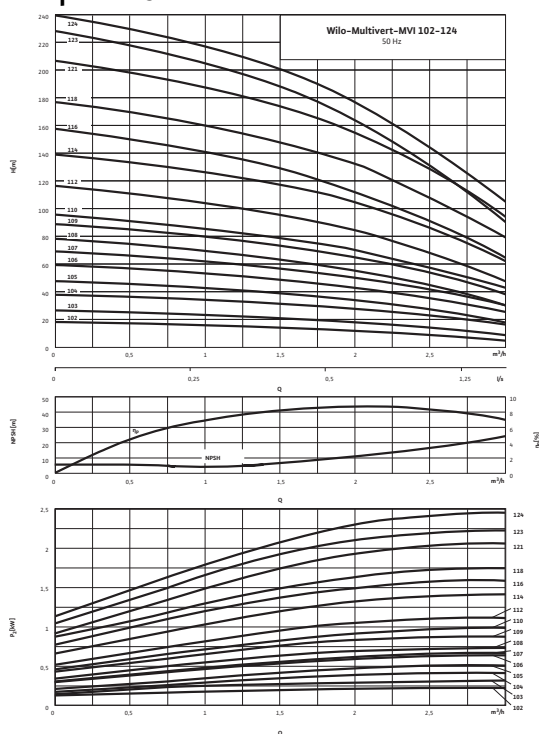
Data sheet: Wilo-Multivert MVI 123 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 124 (3~400 V, FKM, PN 25)

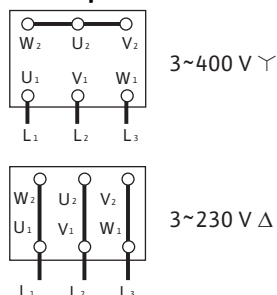
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	η_m 50%	82.5 %
Motor efficiency	η_m 75%	85.0 %
Motor efficiency	η_m 100%	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 124
Art no.	4084438

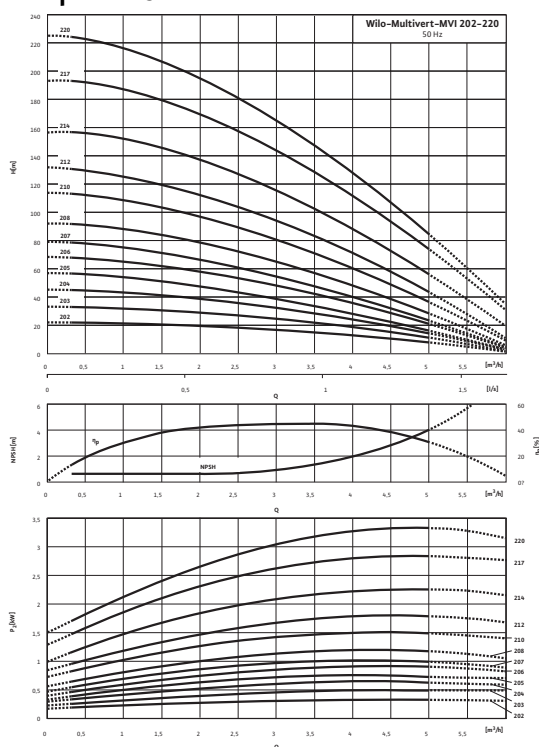
Data sheet: Wilo-Multivert MVI 124 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	58.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (1~230 V, EPDM, PN 16)

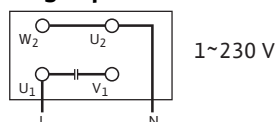
Pump curves



Pump curves in accordance with ISO 9906, class 2

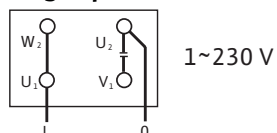
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

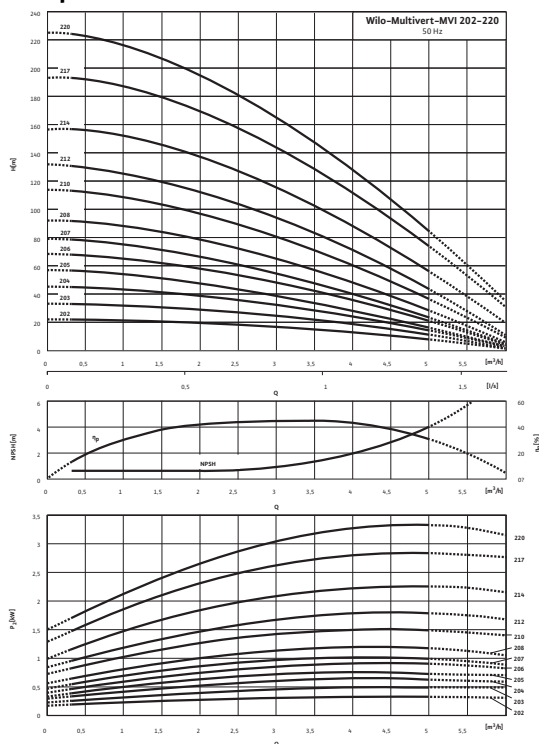
Information for order placements

Make	Wilo	
Type	MVI 202	
Art no.	4018746	
Weight approx.	m	17.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (1~230 V, EPDM, PN 16)

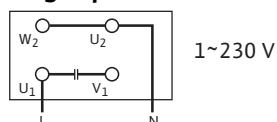
Pump curves



Pump curves in accordance with ISO 9906, class 2

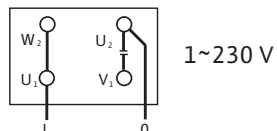
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

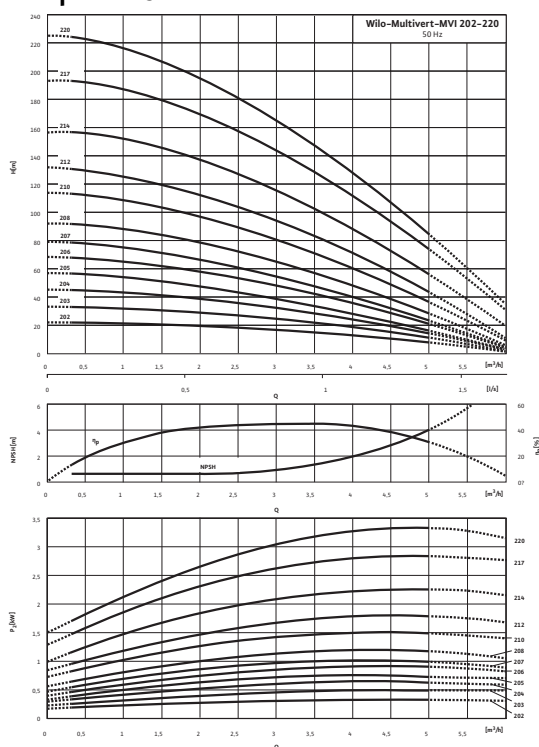
Information for order placements

Make	Wilo	
Type	MVI 203	
Art no.	4018760	
Weight approx.	m	18.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (1~230 V, EPDM, PN 16)

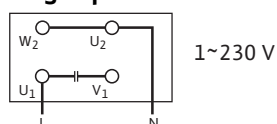
Pump curves



Pump curves in accordance with ISO 9906, class 2

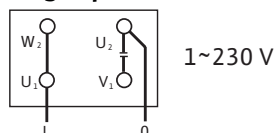
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

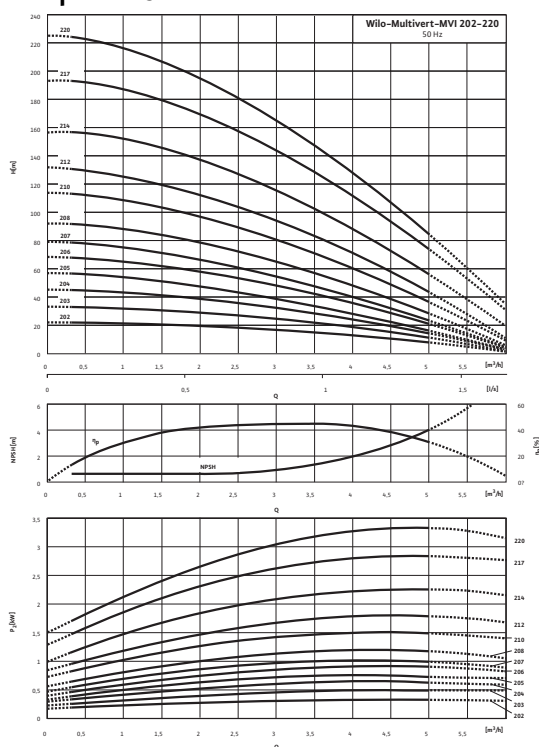
Information for order placements

Make	Wilo	
Type	MVI 204	
Art no.	4018761	
Weight approx.	m	21.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (1~230 V, EPDM, PN 16)

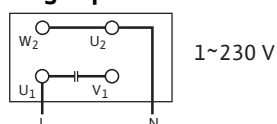
Pump curves



Pump curves in accordance with ISO 9906, class 2

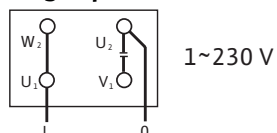
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

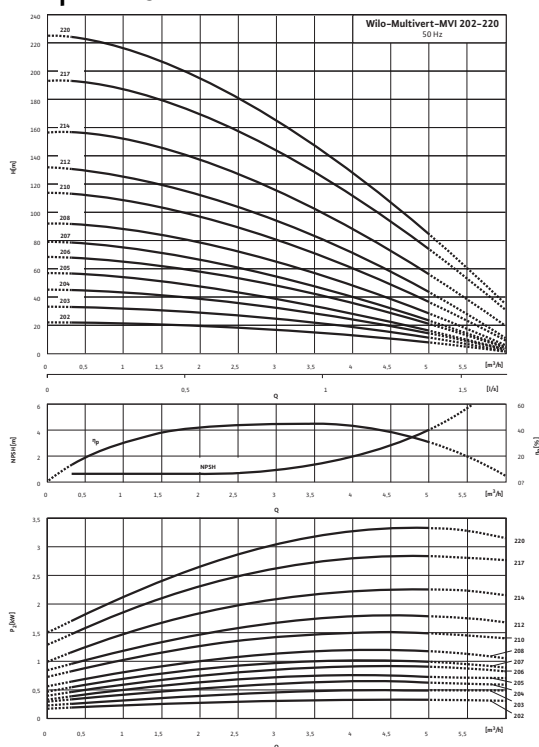
Information for order placements

Make	Wilo	
Type	MVI 205	
Art no.	4018763	
Weight approx.	m	21.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (1~230 V, EPDM, PN 16)

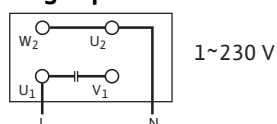
Pump curves



Pump curves in accordance with ISO 9906, class 2

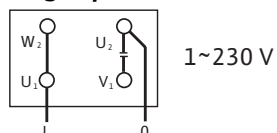
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

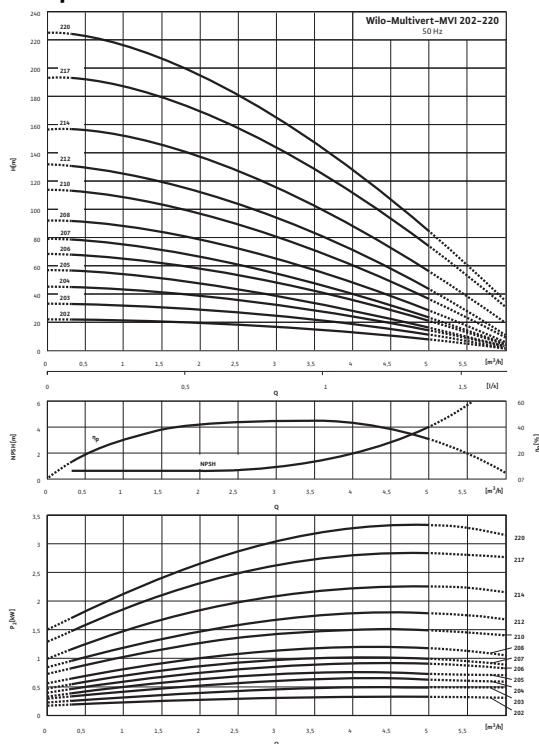
Information for order placements

Make	Wilo	
Type	MVI 206	
Art no.	4018765	
Weight approx.	m	24.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (1~230 V, EPDM, PN 16)

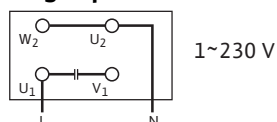
Pump curves



Pump curves in accordance with ISO 9906, class 2

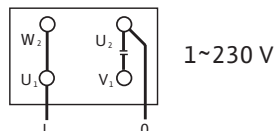
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

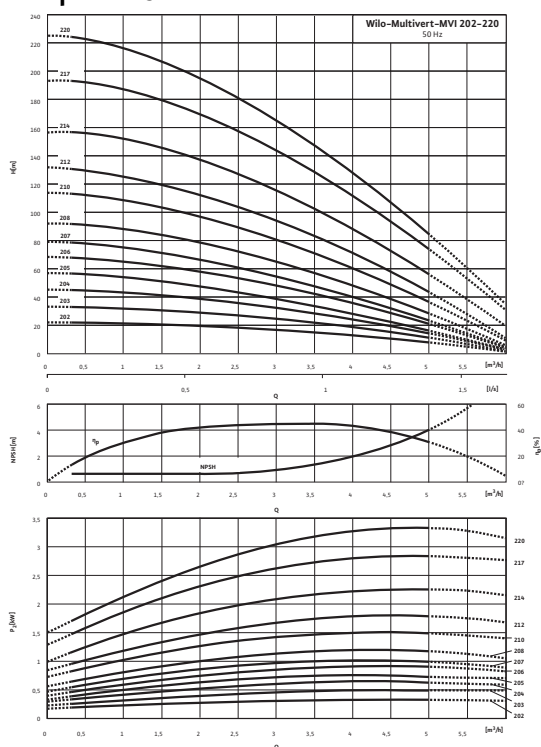
Information for order placements

Make	Wilo	
Type	MVI 207	
Art no.	4018766	
Weight approx.	m	26.2 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (1~230 V, EPDM, PN 16)

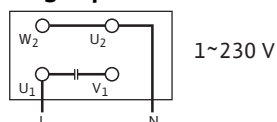
Pump curves



Pump curves in accordance with ISO 9906, class 2

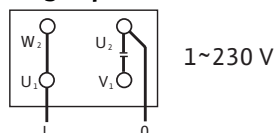
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

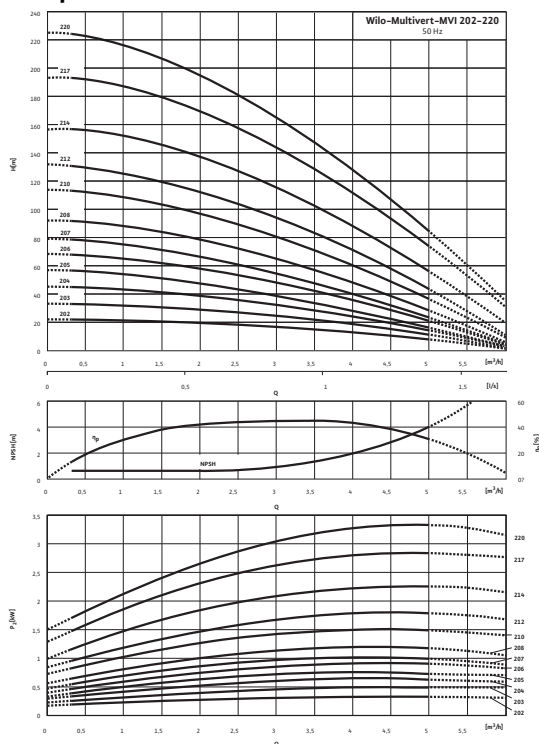
Information for order placements

Make	Wilo	
Type	MVI 208	
Art no.	4018768	
Weight approx.	m	33.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (1~230 V, EPDM, PN 16)

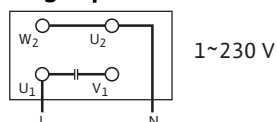
Pump curves



Pump curves in accordance with ISO 9906, class 2

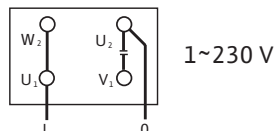
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

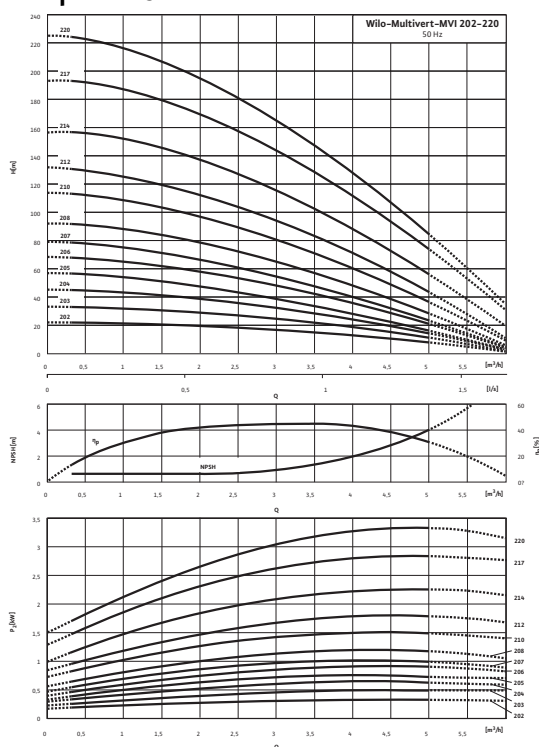
Information for order placements

Make	Wilo	
Type	MVI 210	
Art no.	4018769	
Weight approx.	m	34.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (3~400 V, EPDM, PN 16)

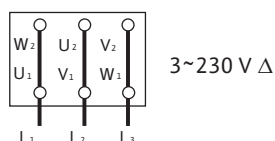
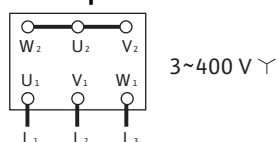
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 202
Art no.	4024659

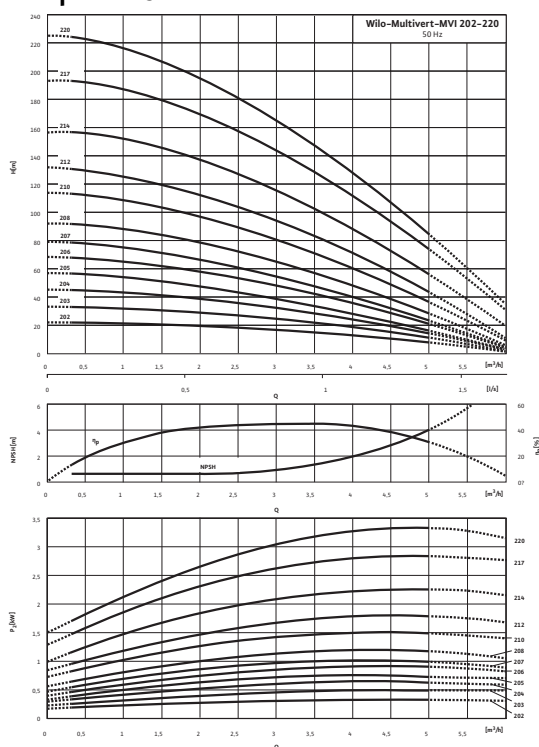
Data sheet: Wilo-Multivert MVI 202 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	18.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (3~400 V, EPDM, PN 16)

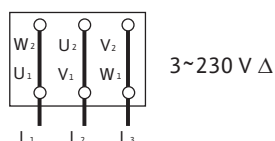
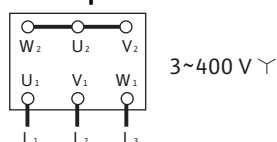
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 203
Art no.	4024661

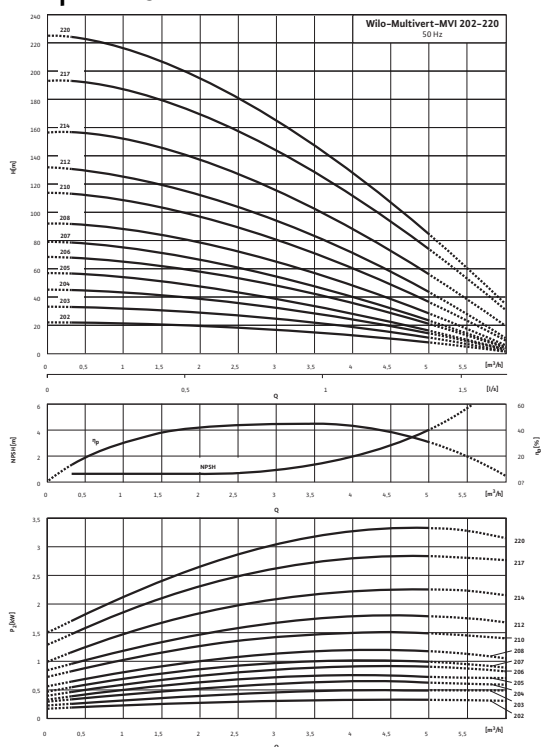
Data sheet: Wilo-Multivert MVI 203 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	19.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (3~400 V, EPDM, PN 16)

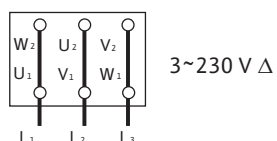
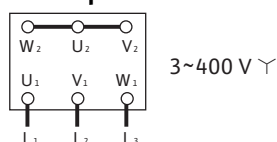
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 204
Art no.	4024663

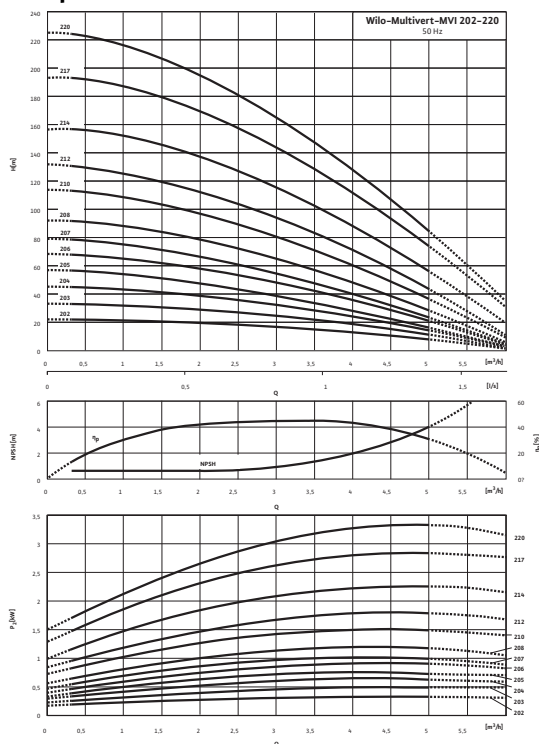
Data sheet: Wilo-Multivert MVI 204 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (3~400 V, EPDM, PN 16)

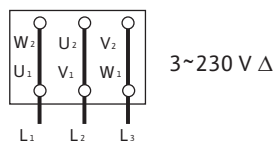
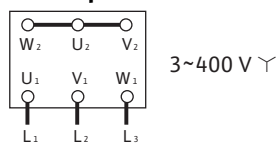
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 205
Art no.	4024665

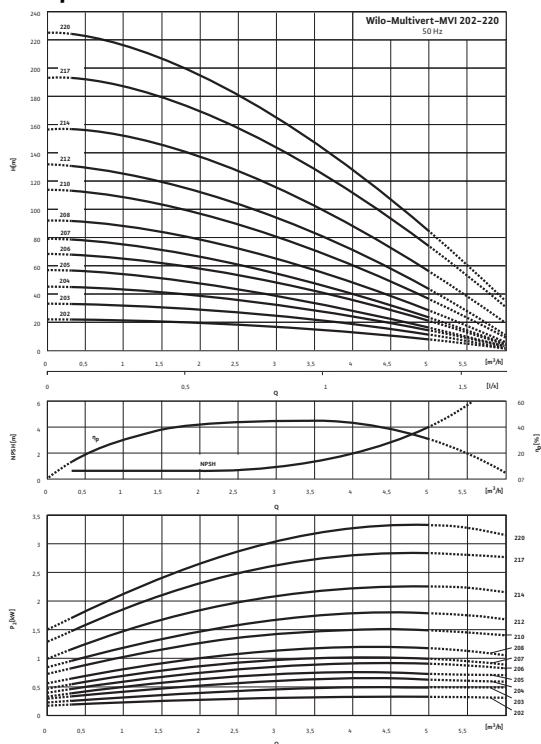
Data sheet: Wilo-Multivert MVI 205 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (3~400 V, EPDM, PN 16)

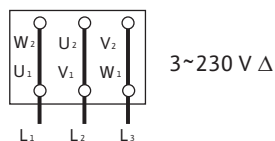
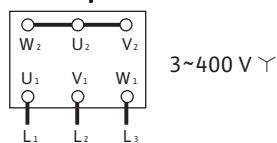
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 206
Art no.	4024667

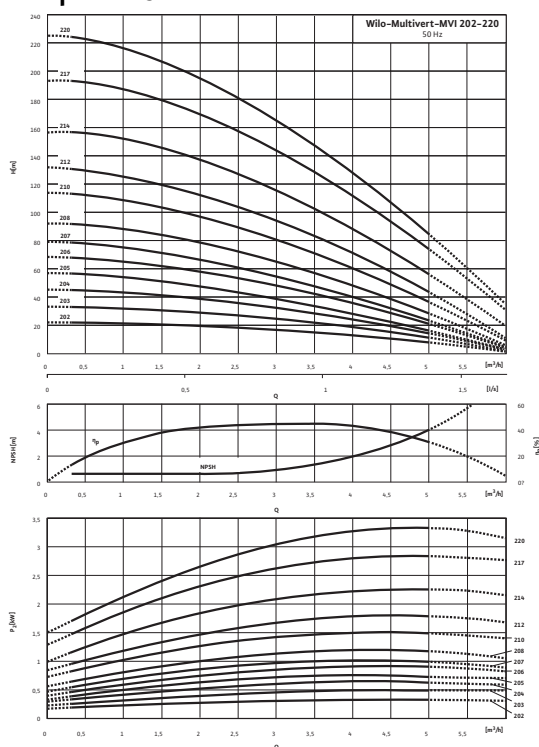
Data sheet: Wilo-Multivert MVI 206 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (3~400 V, EPDM, PN 16)

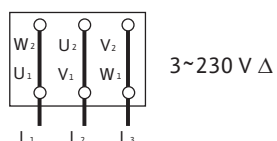
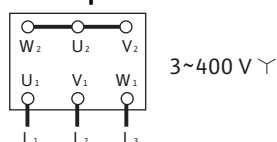
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 207
Art no.	4024669

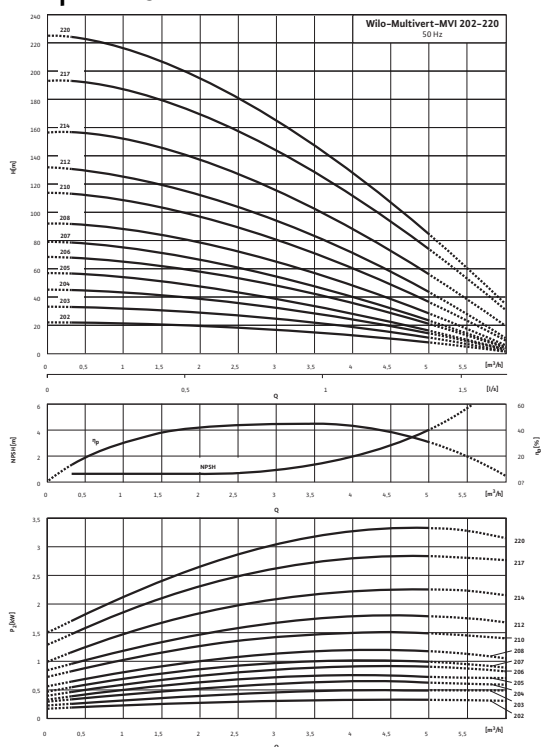
Data sheet: Wilo-Multivert MVI 207 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	29.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (3~400 V, EPDM, PN 16)

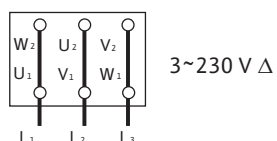
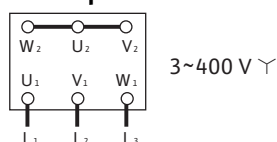
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 208
Art no.	4024671

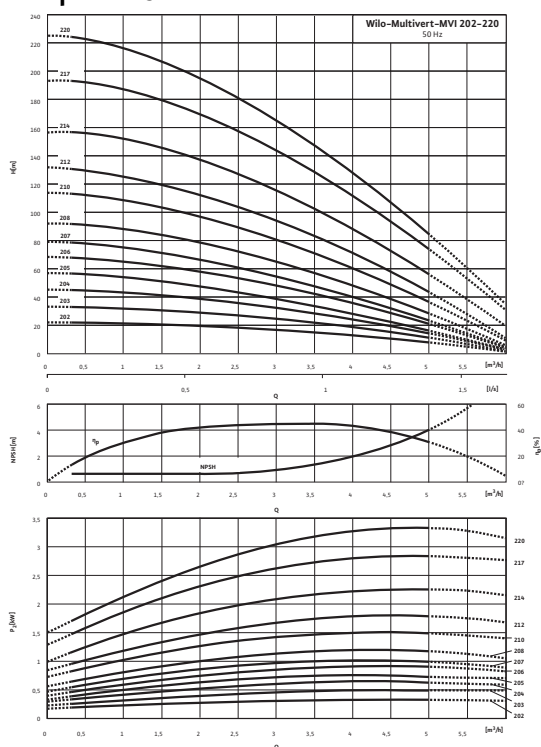
Data sheet: Wilo-Multivert MVI 208 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	34.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (3~400 V, EPDM, PN 16)

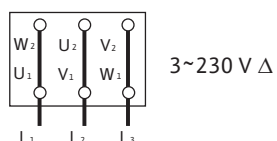
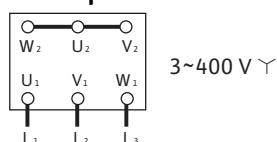
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 210
Art no.	4024673

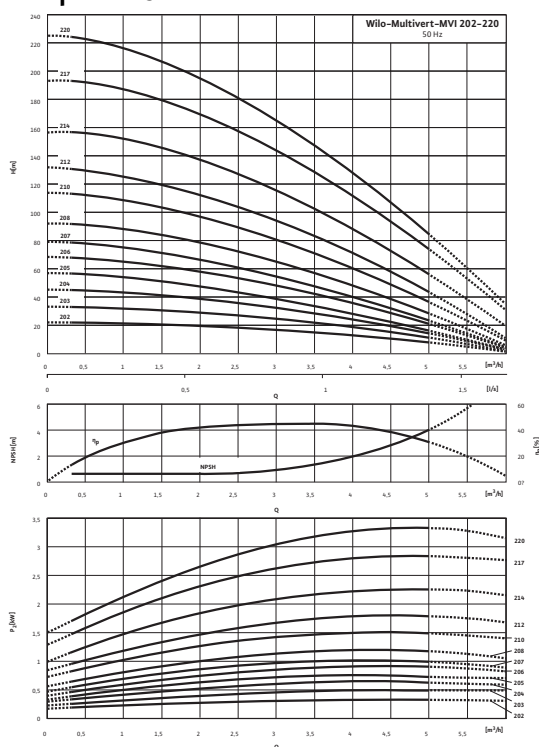
Data sheet: Wilo-Multivert MVI 210 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 212 (3~400 V, EPDM, PN 16)

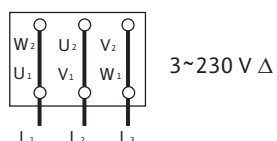
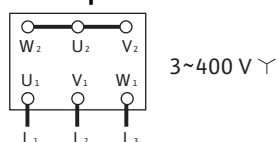
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1	
Nominal diameter, oval flange (on the suction side)	G 1	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 212
Art no.	4024676

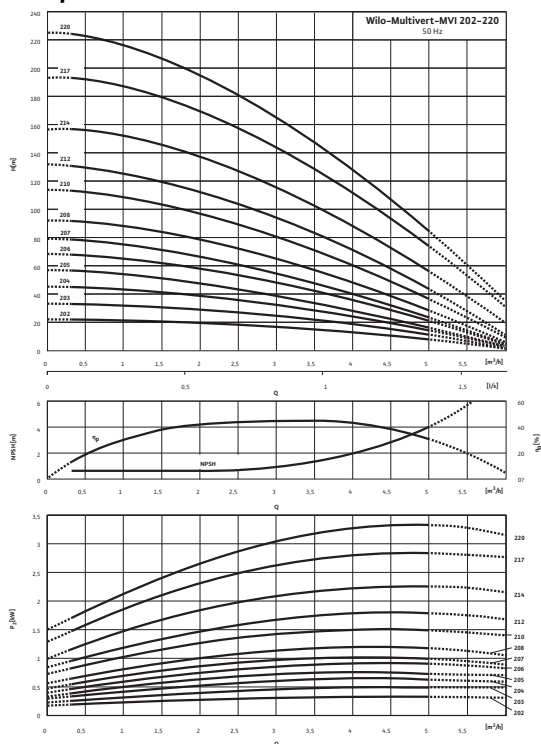
Data sheet: Wilo-Multivert MVI 212 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	38.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (1~230 V, EPDM, PN 25)

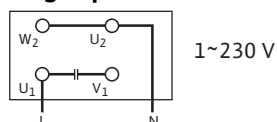
Pump curves



Pump curves in accordance with ISO 9906, class 2

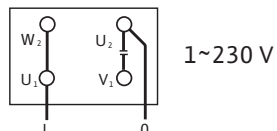
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

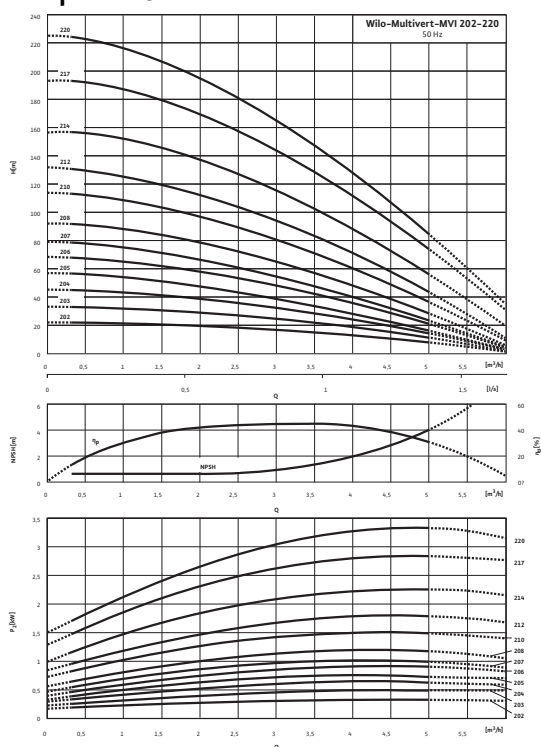
Information for order placements

Make	Wilo	
Type	MVI 202	
Art no.	4018770	
Weight approx.	m	18.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (1~230 V, EPDM, PN 25)

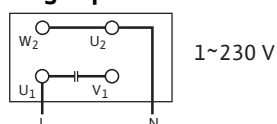
Pump curves



Pump curves in accordance with ISO 9906, class 2

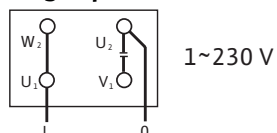
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

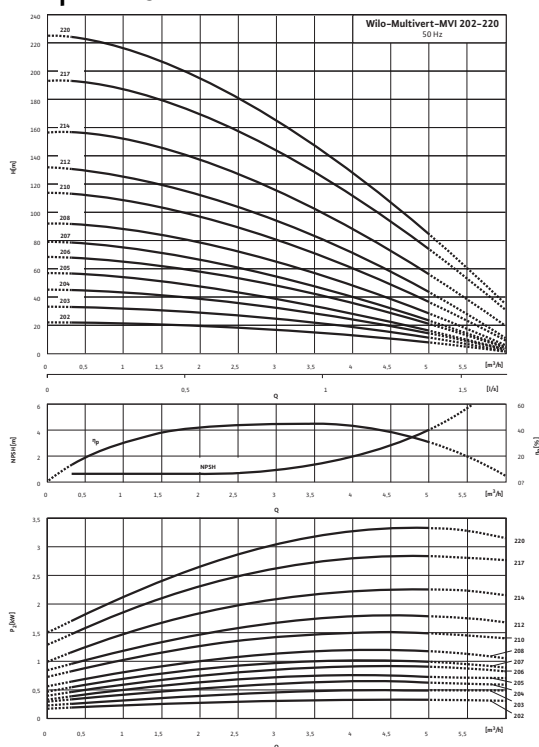
Information for order placements

Make	Wilo	
Type	MVI 203	
Art no.	4018771	
Weight approx.	m	19.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (1~230 V, EPDM, PN 25)

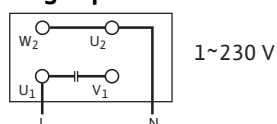
Pump curves



Pump curves in accordance with ISO 9906, class 2

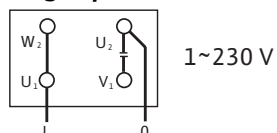
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

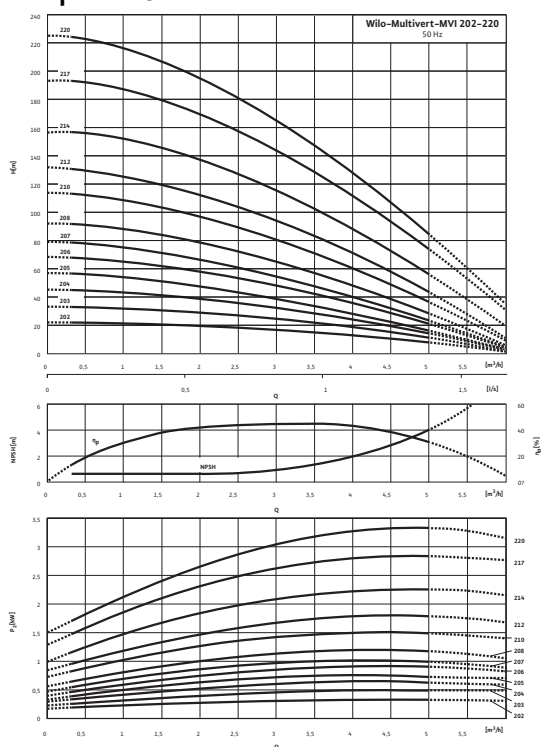
Information for order placements

Make	Wilo	
Type	MVI 204	
Art no.	4018772	
Weight approx.	m	22.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (1~230 V, EPDM, PN 25)

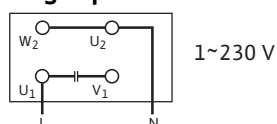
Pump curves



Pump curves in accordance with ISO 9906, class 2

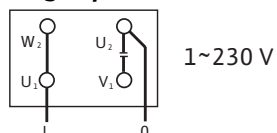
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

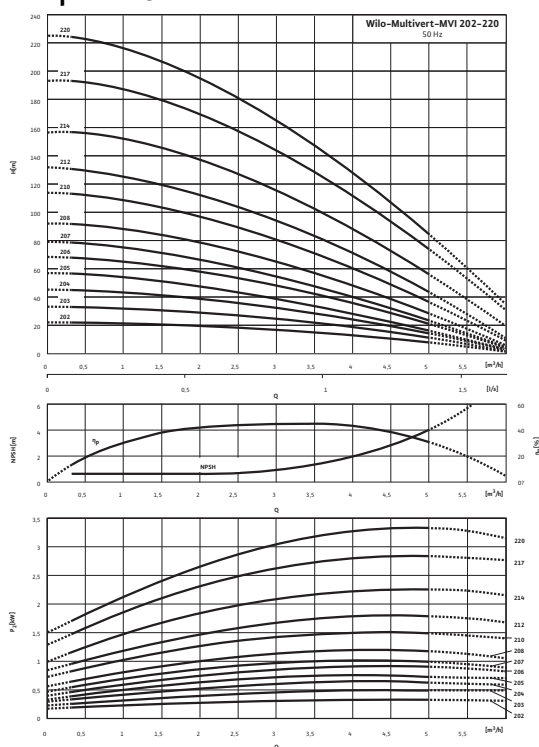
Information for order placements

Make	Wilo	
Type	MVI 205	
Art no.	4018773	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (1~230 V, EPDM, PN 25)

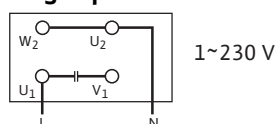
Pump curves



Pump curves in accordance with ISO 9906, class 2

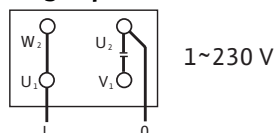
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

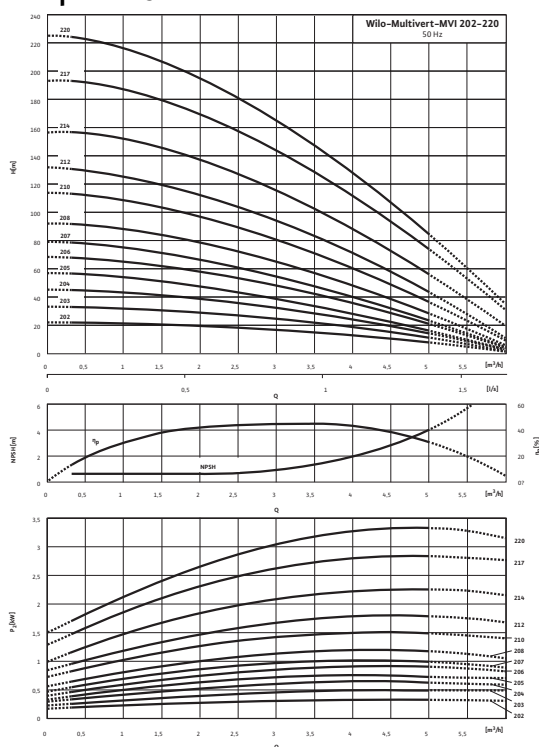
Information for order placements

Make	Wilo	
Type	MVI 206	
Art no.	4018774	
Weight approx.	m	25.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (1~230 V, EPDM, PN 25)

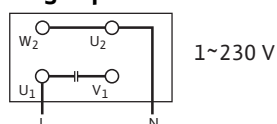
Pump curves



Pump curves in accordance with ISO 9906, class 2

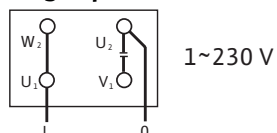
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

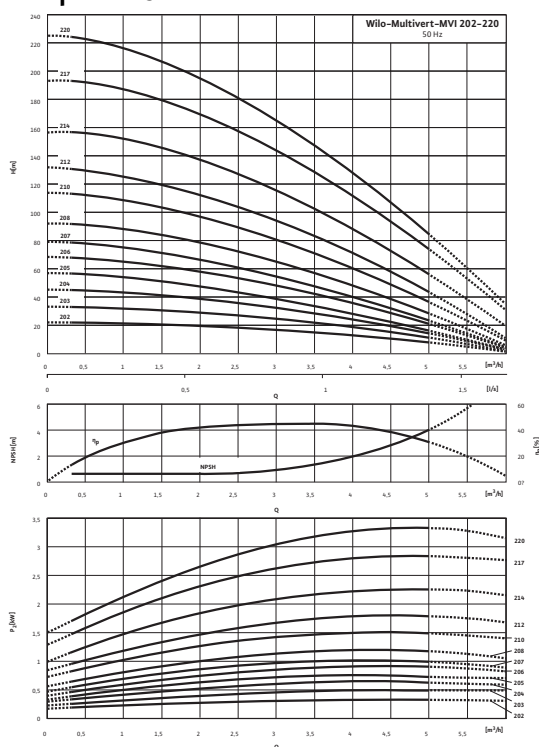
Information for order placements

Make	Wilo	
Type	MVI 207	
Art no.	4018775	
Weight approx.	m	27.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (1~230 V, EPDM, PN 25)

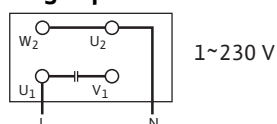
Pump curves



Pump curves in accordance with ISO 9906, class 2

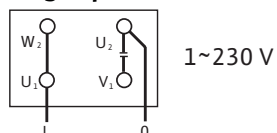
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

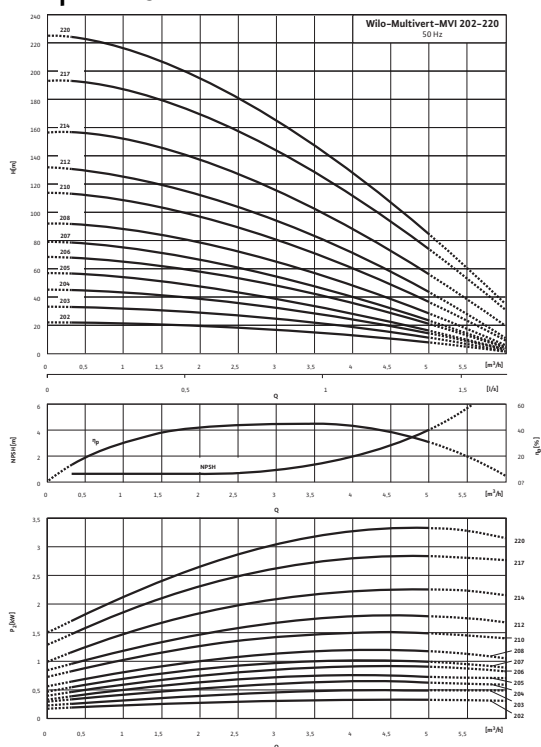
Information for order placements

Make	Wilo	
Type	MVI 208	
Art no.	4018776	
Weight approx.	m	34.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (1~230 V, EPDM, PN 25)

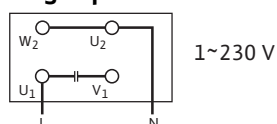
Pump curves



Pump curves in accordance with ISO 9906, class 2

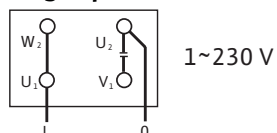
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

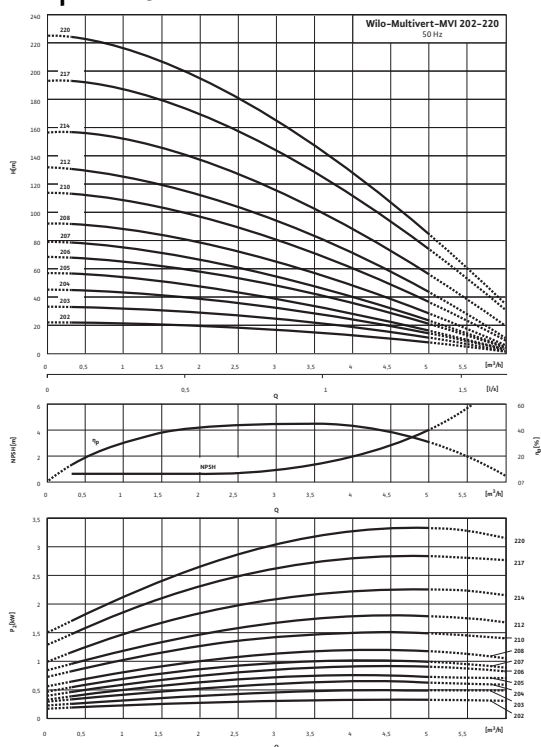
Information for order placements

Make	Wilo	
Type	MVI 210	
Art no.	4018777	
Weight approx.	m	36.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (3~400 V, EPDM, PN 25)

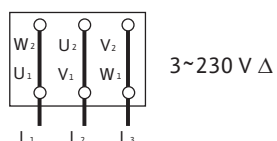
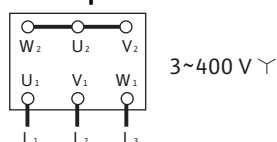
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 202
Art no.	4024679

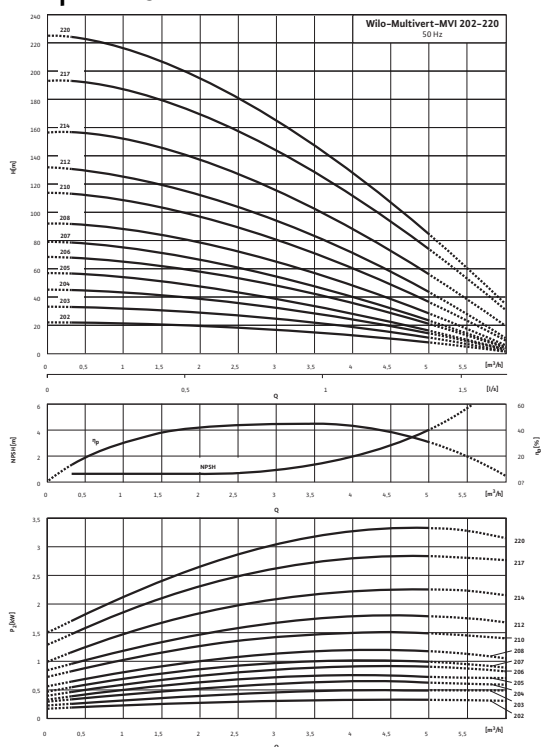
Data sheet: Wilo-Multivert MVI 202 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (3~400 V, EPDM, PN 25)

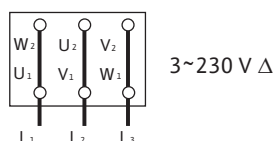
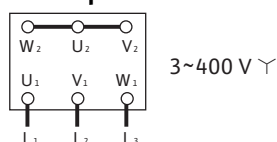
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 203
Art no.	4024680

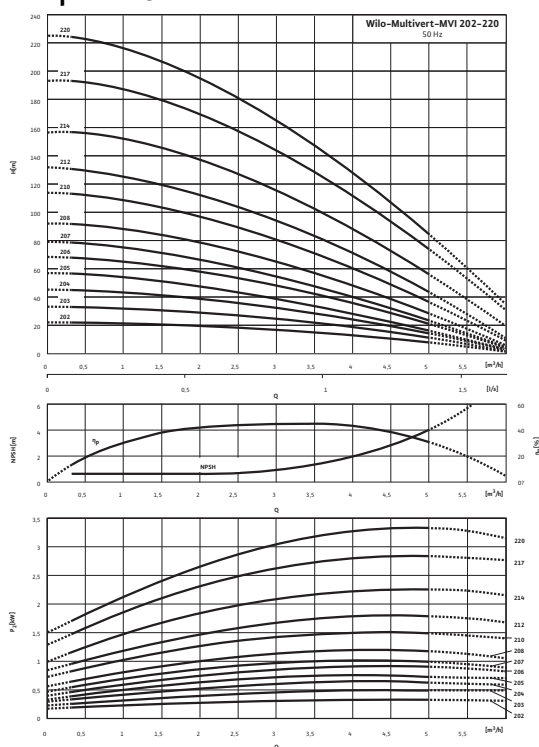
Data sheet: Wilo-Multivert MVI 203 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (3~400 V, EPDM, PN 25)

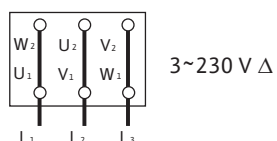
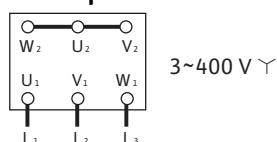
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 204
Art no.	4024681

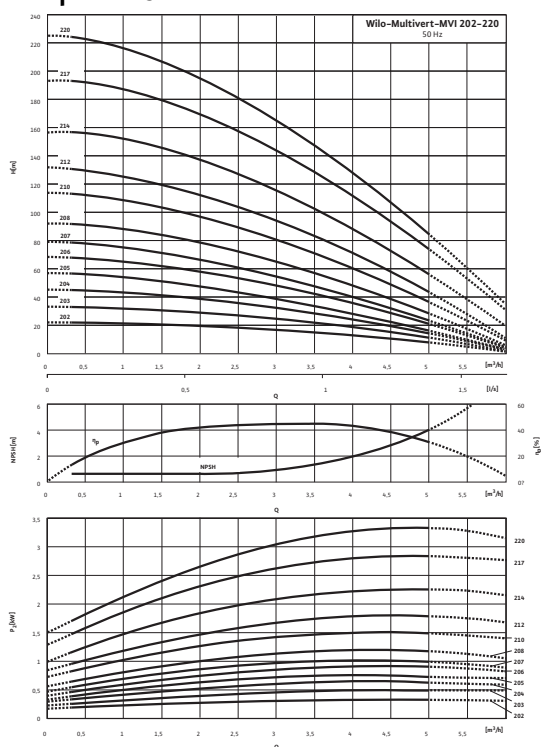
Data sheet: Wilo-Multivert MVI 204 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (3~400 V, EPDM, PN 25)

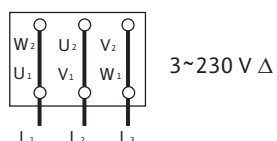
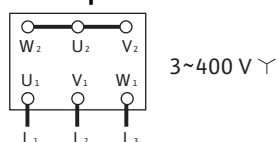
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 205
Art no.	4024682

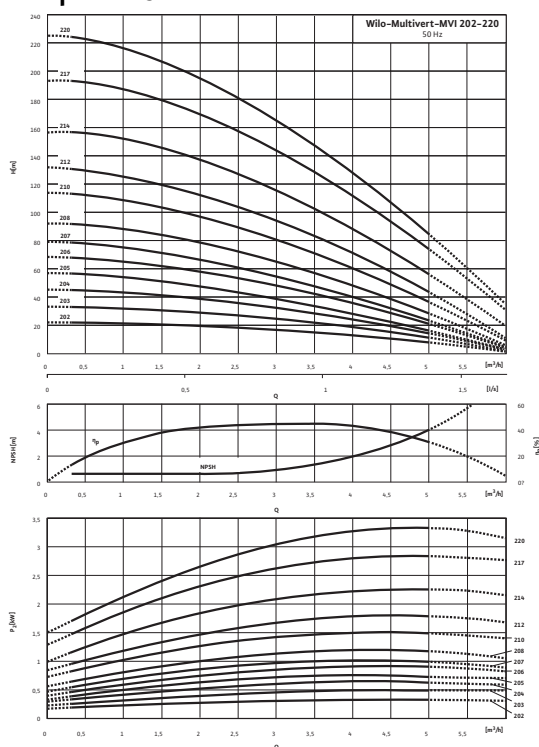
Data sheet: Wilo-Multivert MVI 205 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	34.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (3~400 V, EPDM, PN 25)

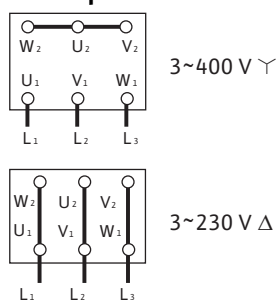
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 206
Art no.	4024683

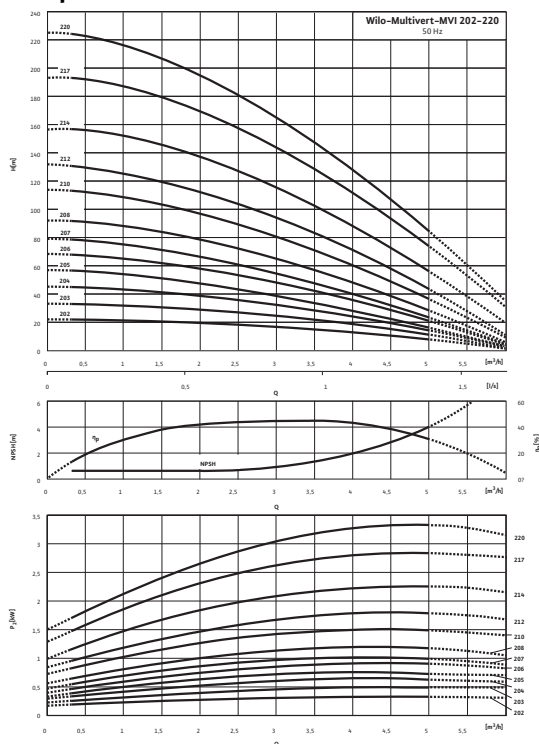
Data sheet: Wilo-Multivert MVI 206 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (3~400 V, EPDM, PN 25)

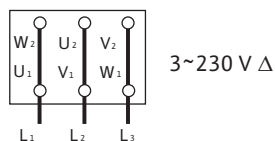
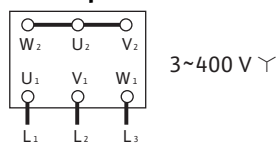
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 207
Art no.	4024684

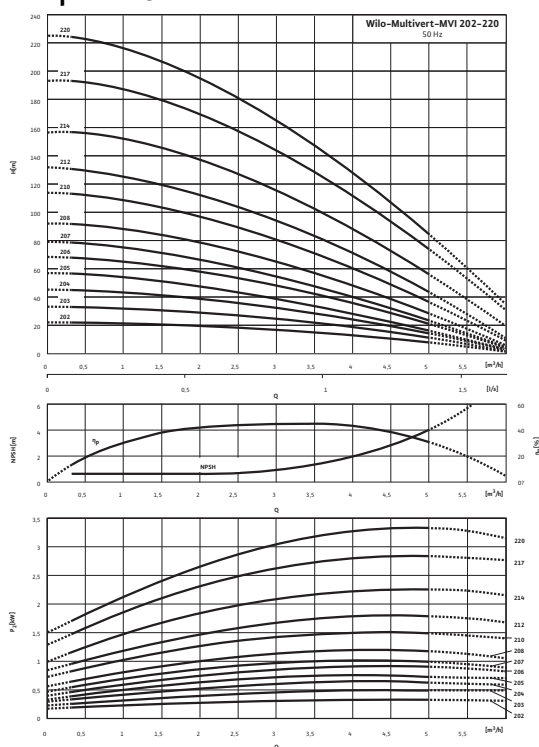
Data sheet: Wilo-Multivert MVI 207 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	30.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (3~400 V, EPDM, PN 25)

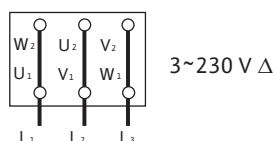
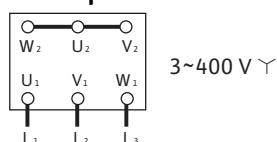
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 208
Art no.	4024685

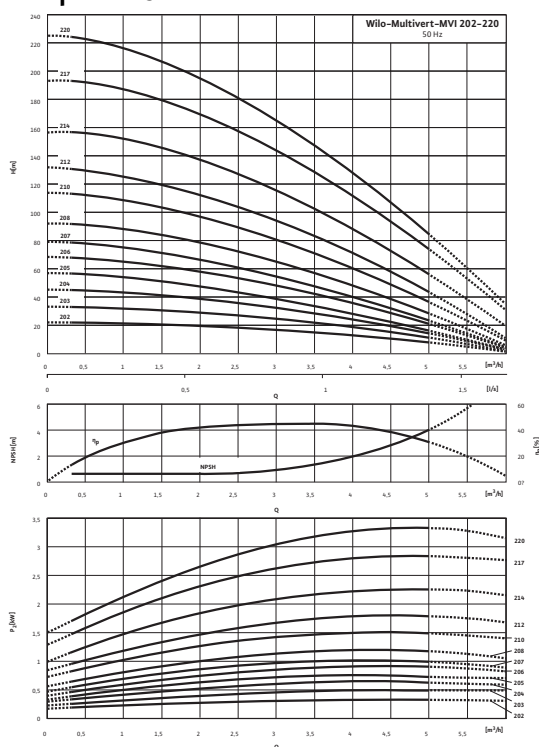
Data sheet: Wilo-Multivert MVI 208 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (3~400 V, EPDM, PN 25)

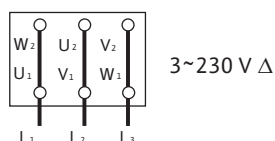
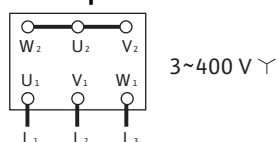
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 210
Art no.	4024686

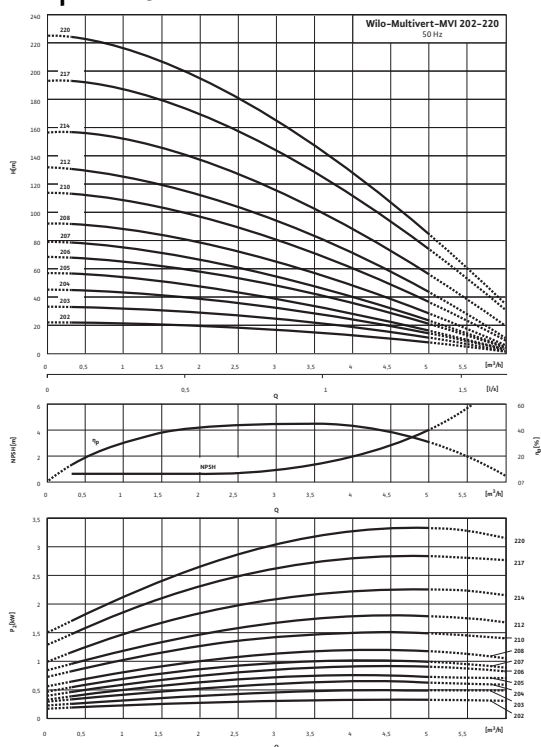
Data sheet: Wilo-Multivert MVI 210 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 212 (3~400 V, EPDM, PN 25)

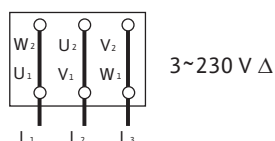
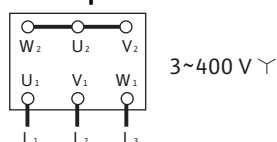
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 212
Art no.	4024687

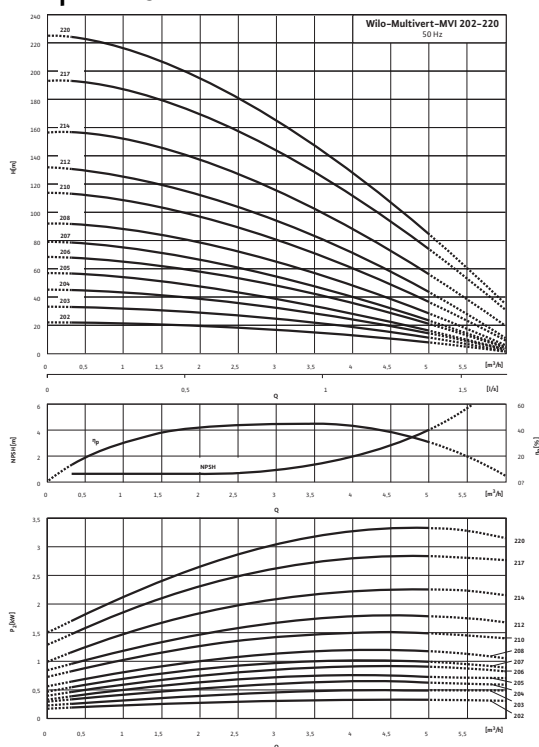
Data sheet: Wilo-Multivert MVI 212 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	39.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 214 (3~400 V, EPDM, PN 25)

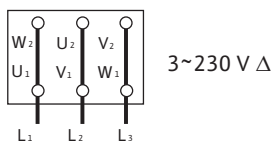
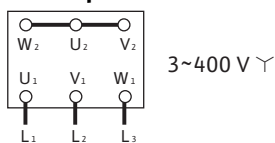
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 214
Art no.	4024688

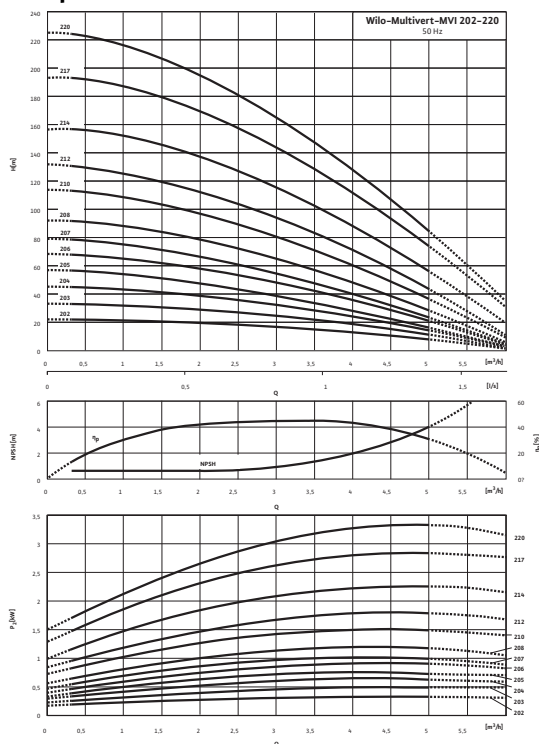
Data sheet: Wilo-Multivert MVI 214 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	40.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 217 (3~400 V, EPDM, PN 25)

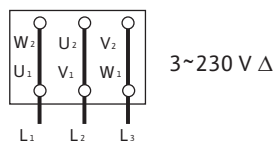
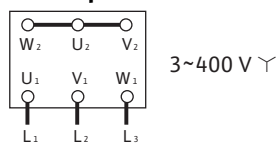
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 217
Art no.	4024689

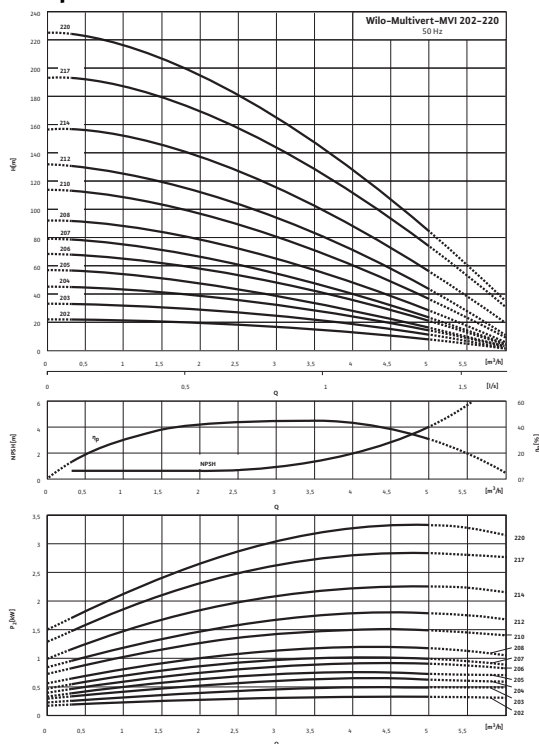
Data sheet: Wilo-Multivert MVI 217 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	51.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 220 (3~400 V, EPDM, PN 25)

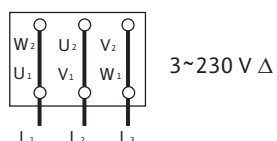
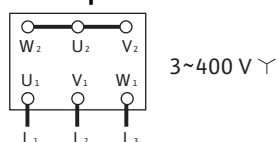
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 220
Art no.	4024690

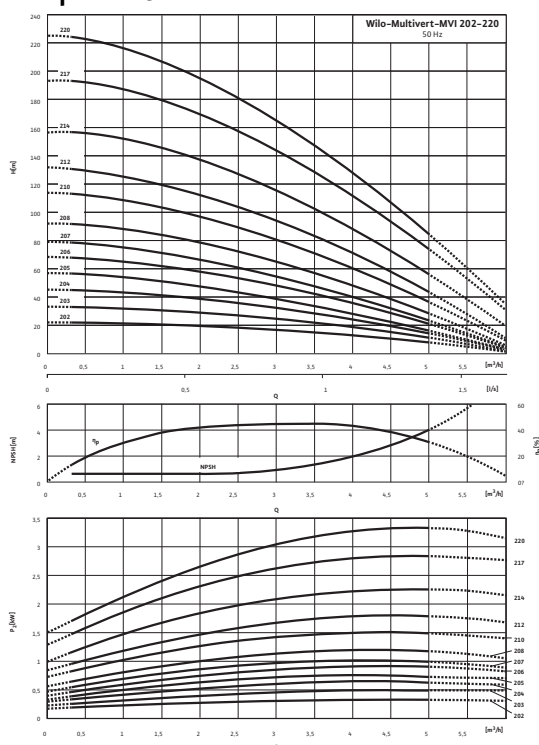
Data sheet: Wilo-Multivert MVI 220 (3~400 V, EPDM, PN 25)

Weight approx.	m	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (1~230 V, FKM, PN 25)

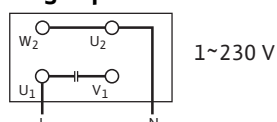
Pump curves



Pump curves in accordance with ISO 9906, class 2

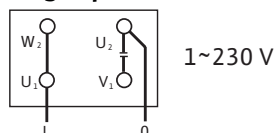
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.53 kW
Nominal current 1~230 V, 50 Hz	I_N	2.7 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

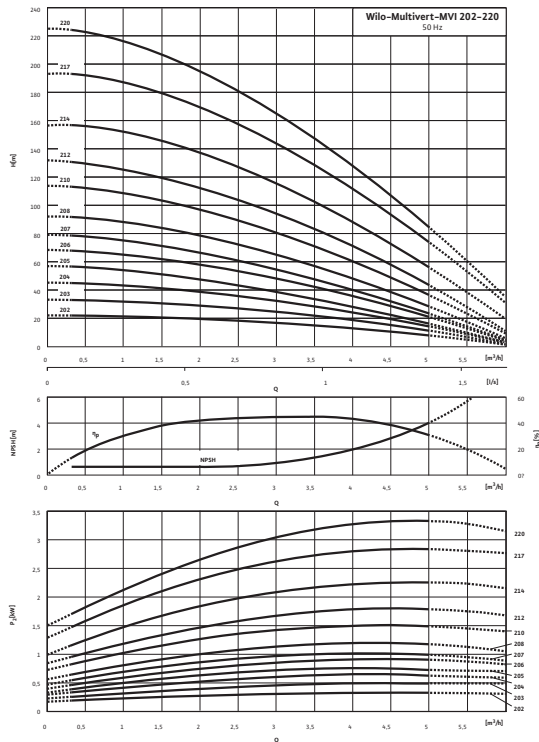
Information for order placements

Make	Wilo	
Type	MVI 202	
Art no.	4019095	
Weight approx.	m	18.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (1~230 V, FKM, PN 25)

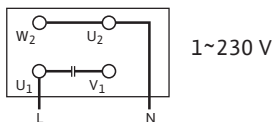
Pump curves



Pump curves in accordance with ISO 9906, class 2

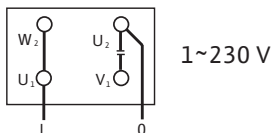
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	$\eta_{m, 100\%}$	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

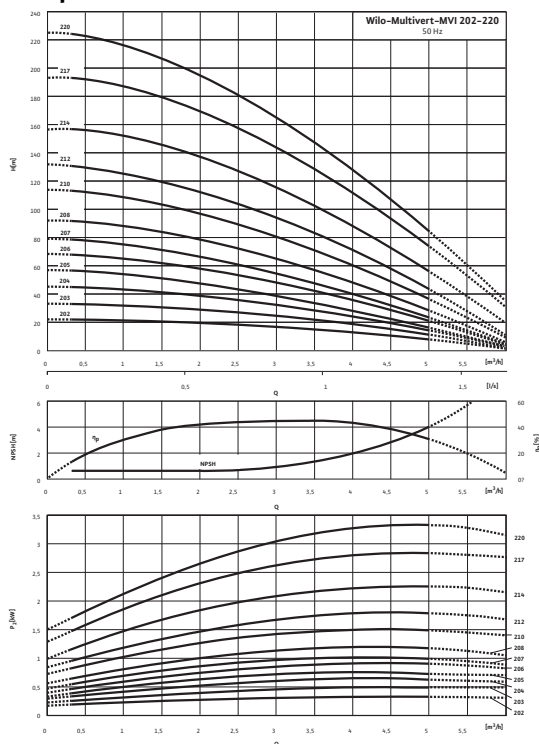
Information for order placements

Make	Wilo	
Type	MVI 203	
Art no.	4019096	
Weight approx.	m	19.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (1~230 V, FKM, PN 25)

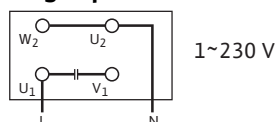
Pump curves



Pump curves in accordance with ISO 9906, class 2

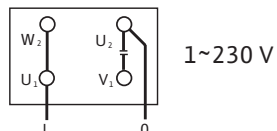
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

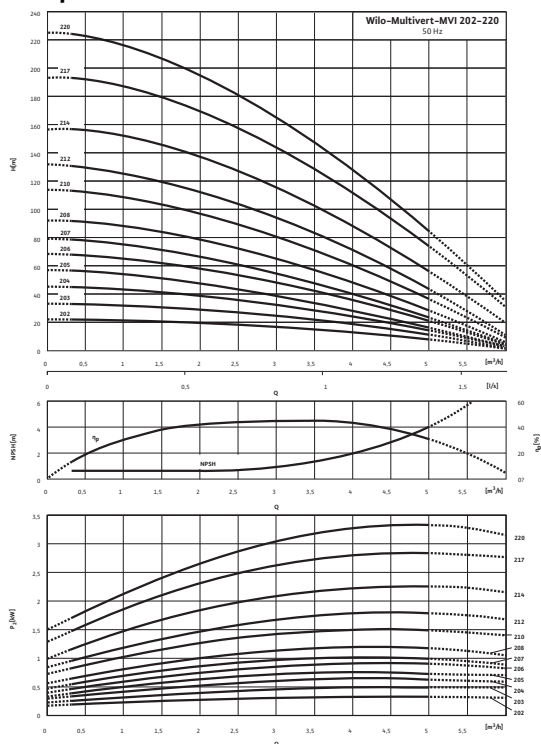
Information for order placements

Make	Wilo	
Type	MVI 204	
Art no.	4019097	
Weight approx.	m	22.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (1~230 V, FKM, PN 25)

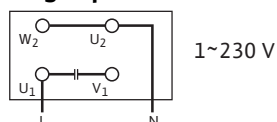
Pump curves



Pump curves in accordance with ISO 9906, class 2

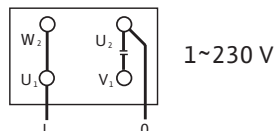
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

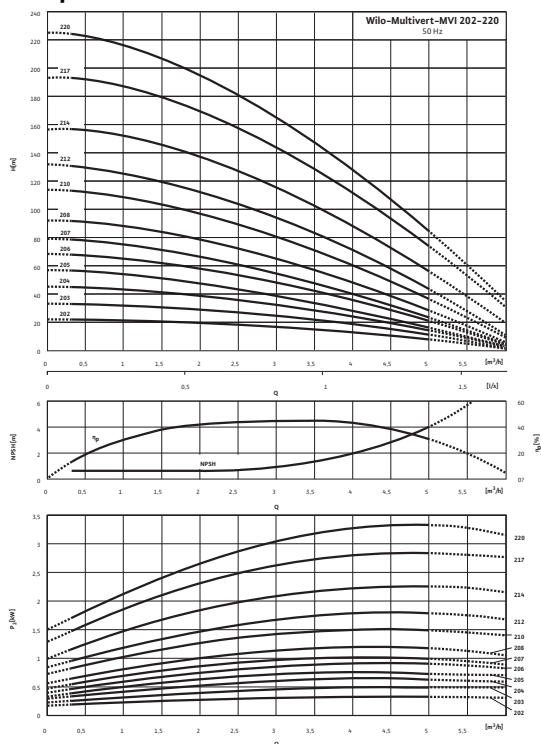
Information for order placements

Make	Wilo	
Type	MVI 205	
Art no.	4019098	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (1~230 V, FKM, PN 25)

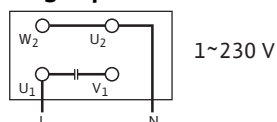
Pump curves



Pump curves in accordance with ISO 9906, class 2

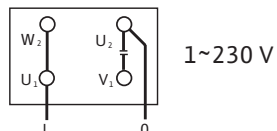
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

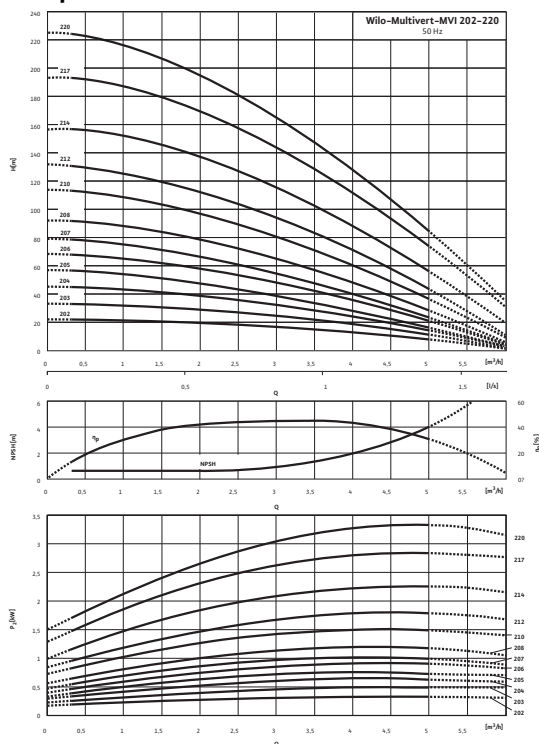
Information for order placements

Make	Wilo	
Type	MVI 206	
Art no.	4019099	
Weight approx.	m	25.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (1~230 V, FKM, PN 25)

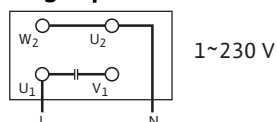
Pump curves



Pump curves in accordance with ISO 9906, class 2

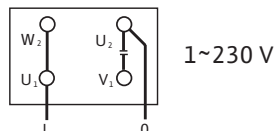
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

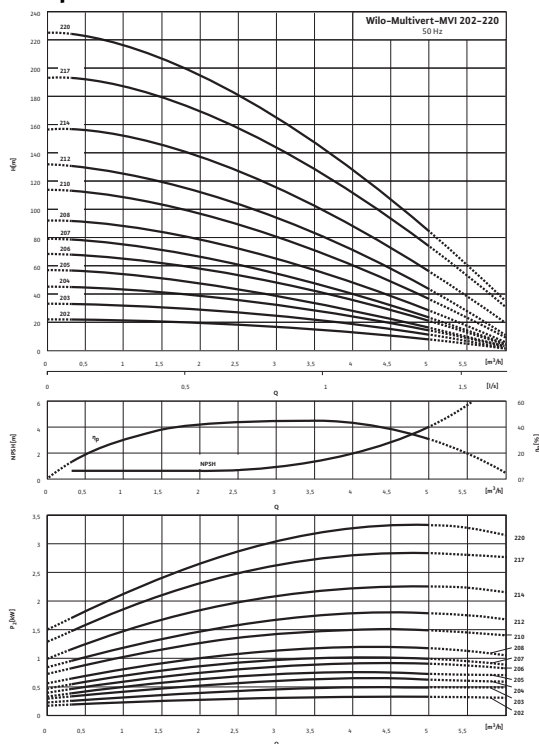
Information for order placements

Make	Wilo	
Type	MVI 207	
Art no.	4019100	
Weight approx.	m	27.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (1~230 V, FKM, PN 25)

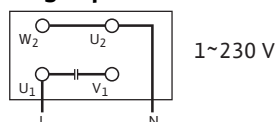
Pump curves



Pump curves in accordance with ISO 9906, class 2

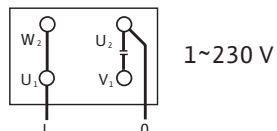
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

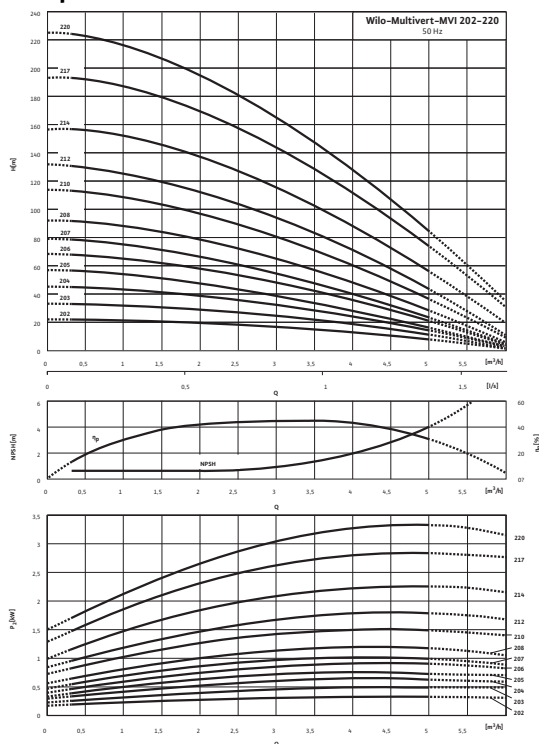
Information for order placements

Make	Wilo	
Type	MVI 208	
Art no.	4019101	
Weight approx.	m	34.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (1~230 V, FKM, PN 25)

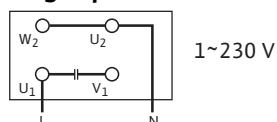
Pump curves



Pump curves in accordance with ISO 9906, class 2

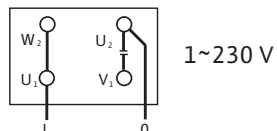
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

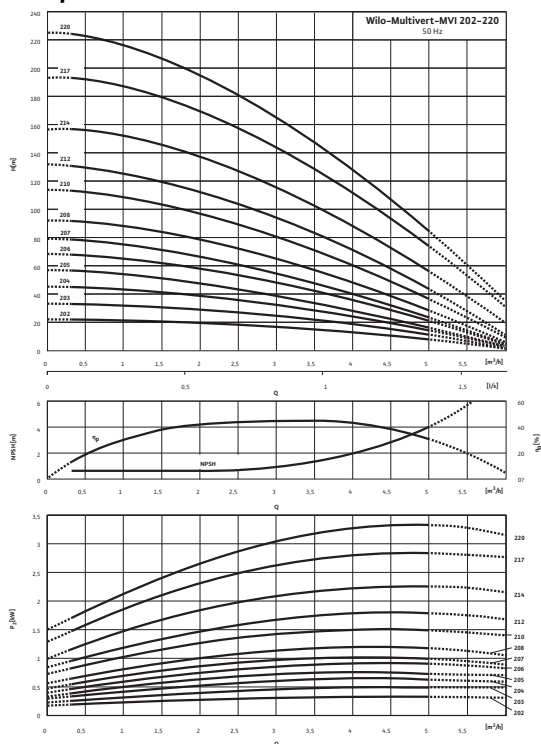
Information for order placements

Make	Wilo	
Type	MVI 210	
Art no.	4019102	
Weight approx.	m	36.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (3~400 V, FKM, PN 25)

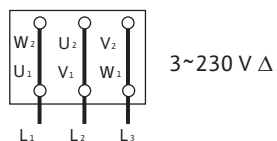
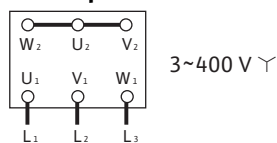
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

Information for order placements

Make	Wilo
Type	MVI 202
Art no.	4019052

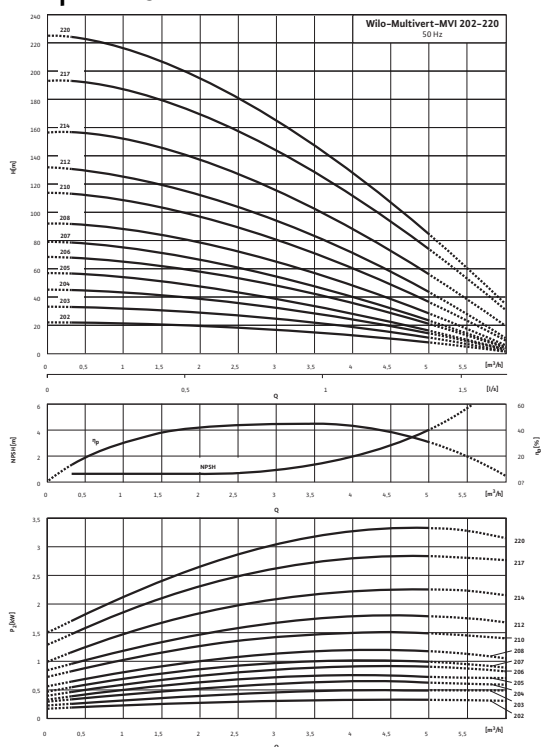
Data sheet: Wilo-Multivert MVI 202 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (3~400 V, FKM, PN 25)

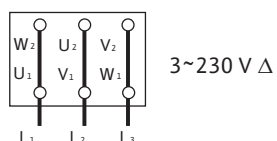
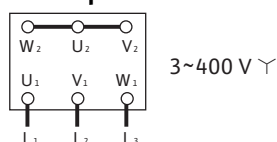
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 203
Art no.	4019054

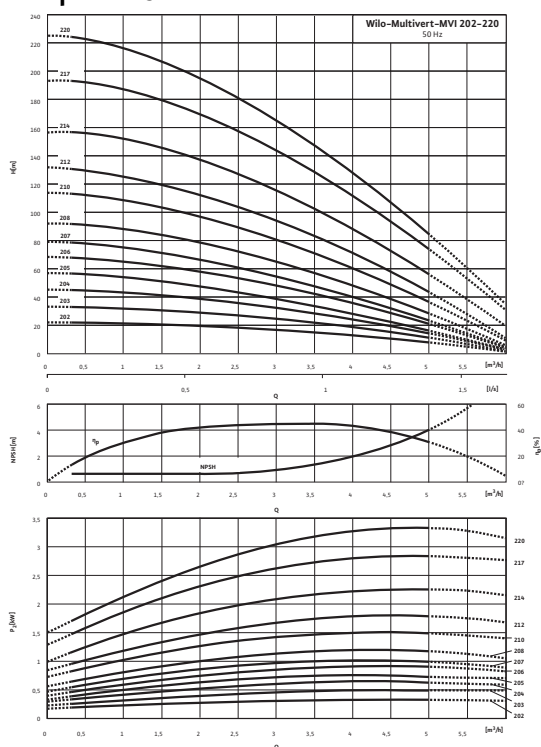
Data sheet: Wilo-Multivert MVI 203 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (3~400 V, FKM, PN 25)

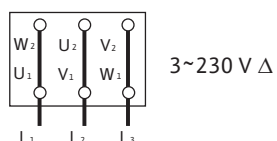
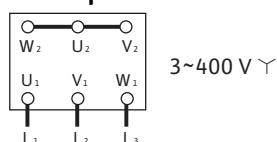
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 204
Art no.	4019055

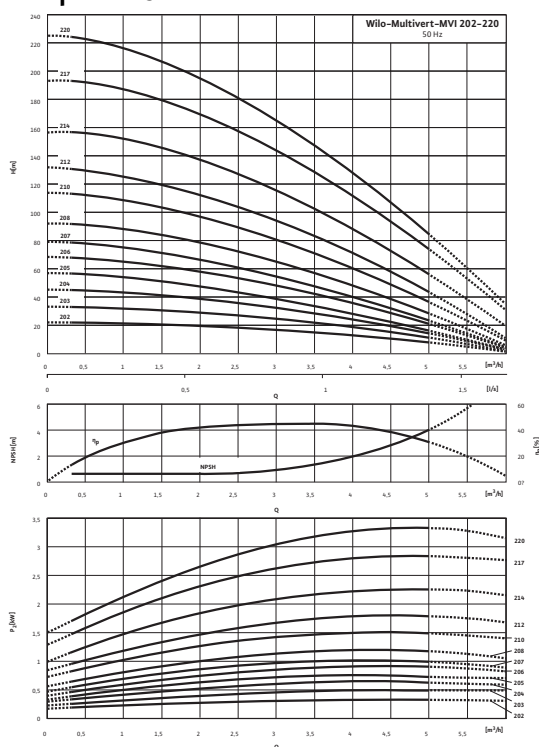
Data sheet: Wilo-Multivert MVI 204 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (3~400 V, FKM, PN 25)

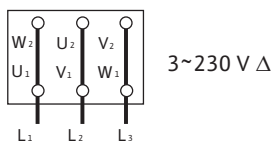
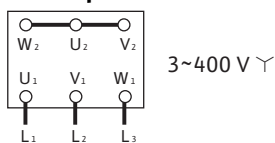
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 205
Art no.	4019056

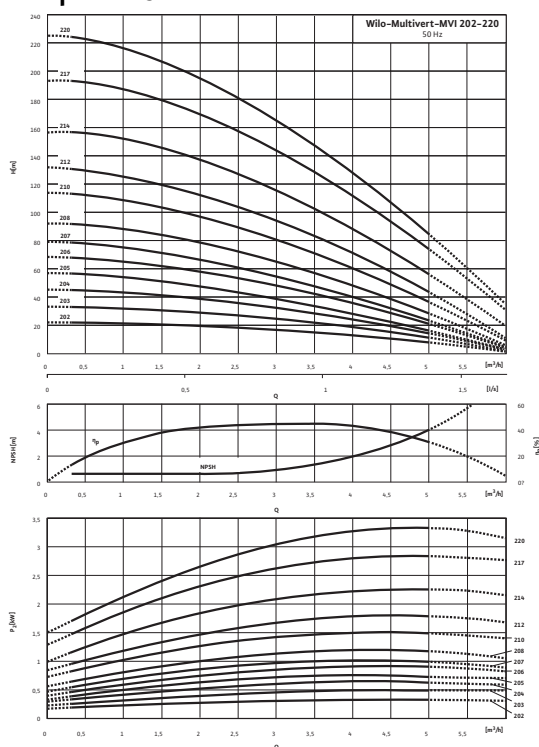
Data sheet: Wilo-Multivert MVI 205 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	24.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (3~400 V, FKM, PN 25)

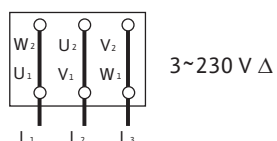
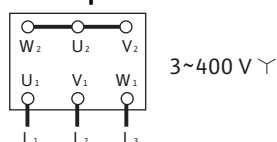
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 206
Art no.	4019057

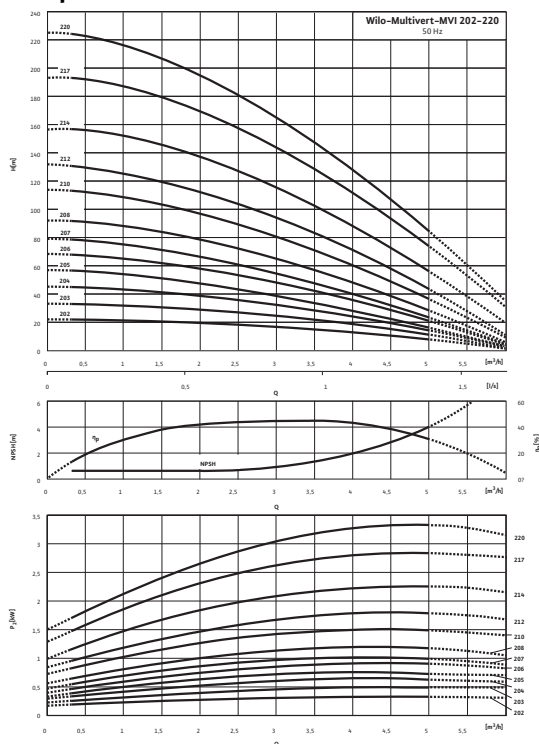
Data sheet: Wilo-Multivert MVI 206 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (3~400 V, FKM, PN 25)

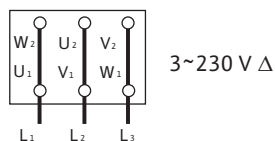
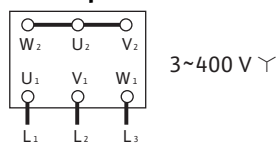
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 207
Art no.	4019058

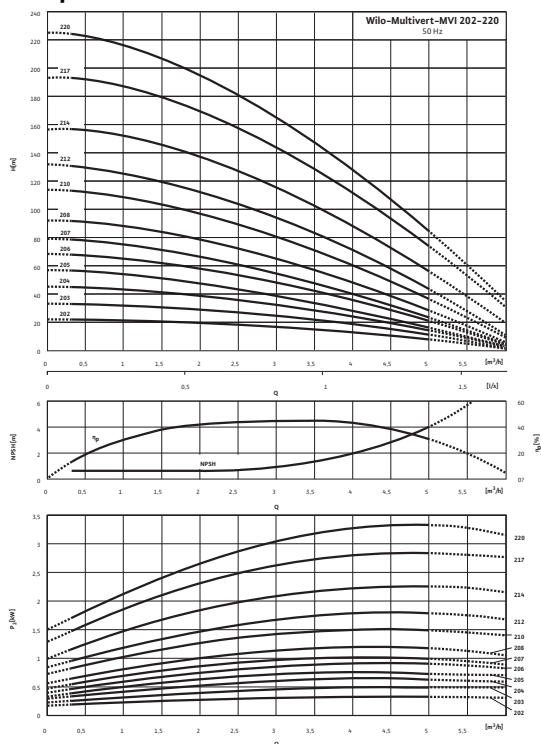
Data sheet: Wilo-Multivert MVI 207 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	30.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (3~400 V, FKM, PN 25)

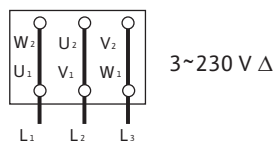
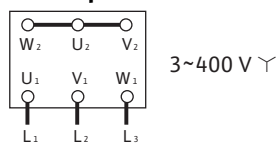
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 208
Art no.	4019059

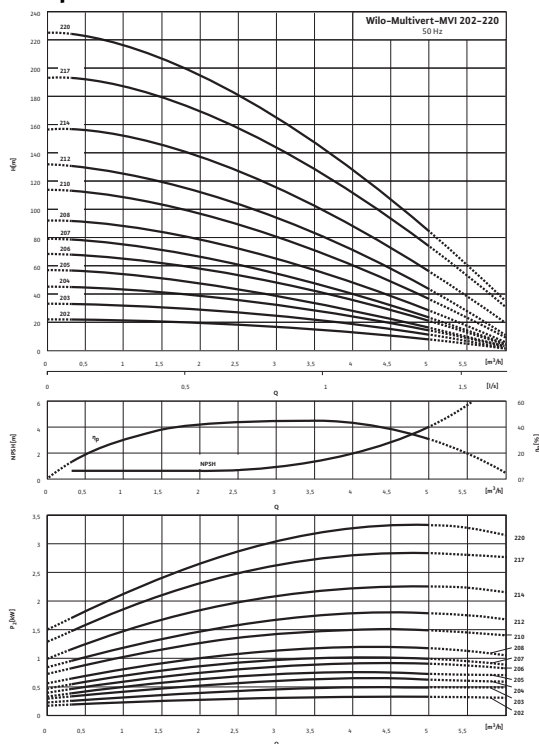
Data sheet: Wilo-Multivert MVI 208 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (3~400 V, FKM, PN 25)

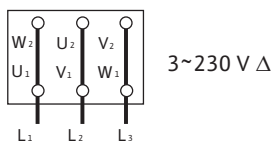
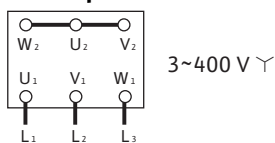
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 210
Art no.	4019060

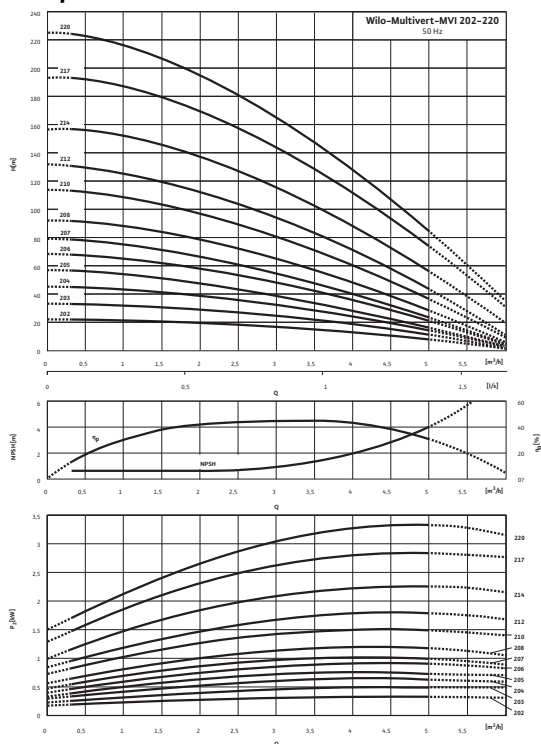
Data sheet: Wilo-Multivert MVI 210 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 212 (3~400 V, FKM, PN 25)

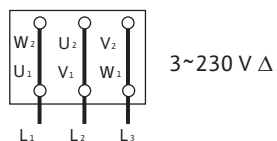
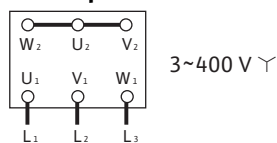
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 212
Art no.	4019061

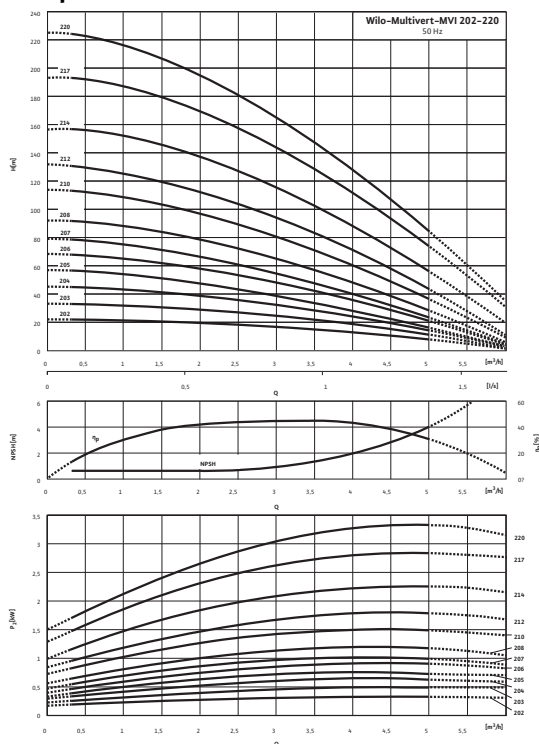
Data sheet: Wilo-Multivert MVI 212 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	39.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 214 (3~400 V, FKM, PN 25)

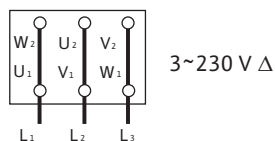
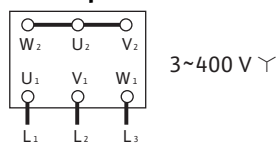
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 214
Art no.	4019062

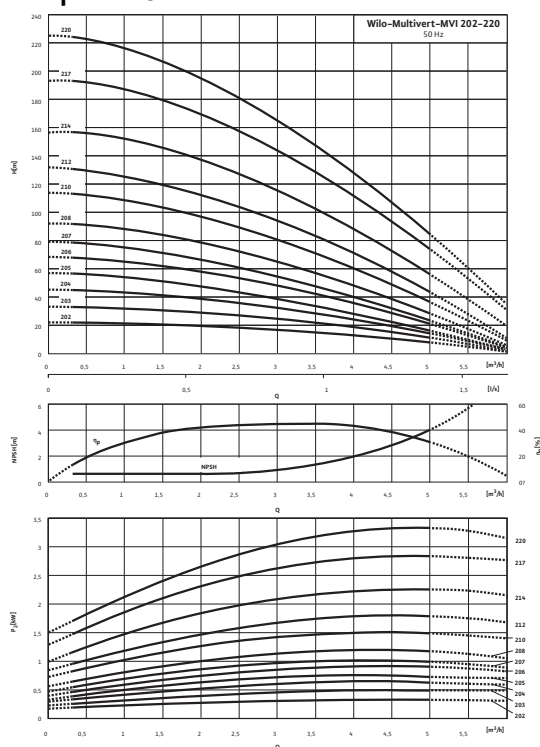
Data sheet: Wilo-Multivert MVI 214 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	40.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 217 (3~400 V, FKM, PN 25)

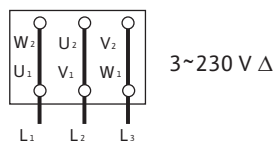
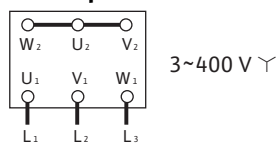
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 217
Art no.	4019063

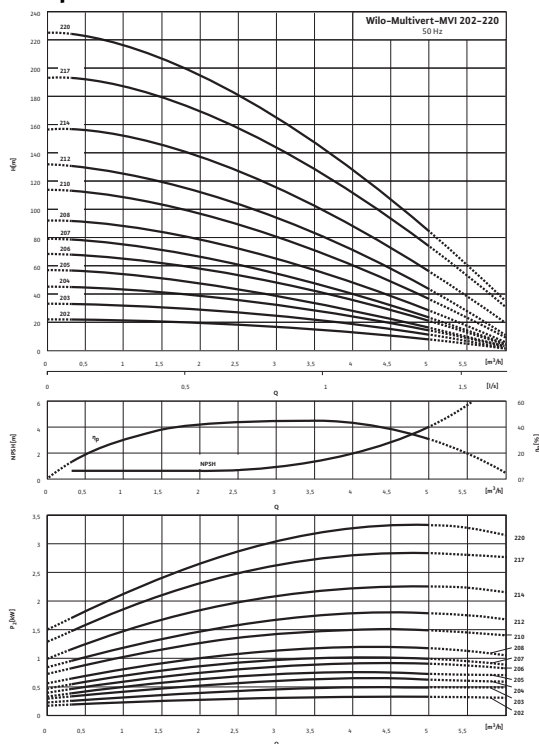
Data sheet: Wilo-Multivert MVI 217 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	51.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 220 (3~400 V, FKM, PN 25)

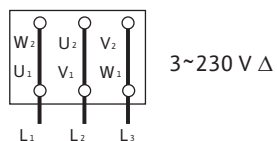
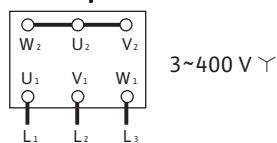
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 25	
Flange nominal diameter (on the suction side)	DN 25	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 220
Art no.	4019064

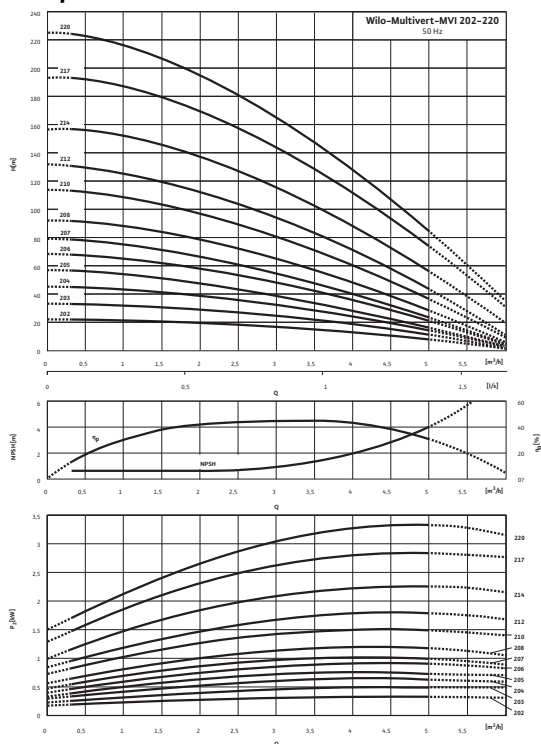
Data sheet: Wilo-Multivert MVI 220 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 202 (3~400 V, FKM, PN 25, Victaulic)

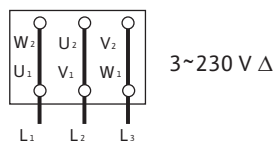
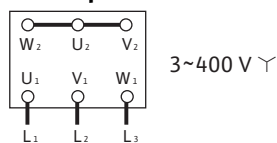
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.37 kW
Power consumption	P_1	0.51 kW
Nominal current 3~230 V, 50 Hz	I_N	1.69 A
Nominal current 3~400 V, 50 Hz	I_N	0.97 A
Motor efficiency	$\eta_{m, 50\%}$	71.0 %
Motor efficiency	$\eta_{m, 75\%}$	72.8 %
Motor efficiency	$\eta_{m, 100\%}$	72.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 202
Art no.	4032768

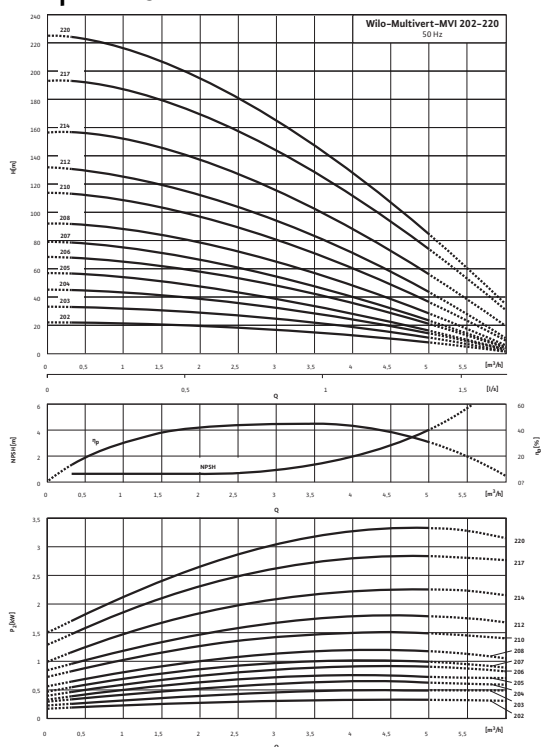
Data sheet: Wilo-Multivert MVI 202 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 203 (3~400 V, FKM, PN 25, Victaulic)

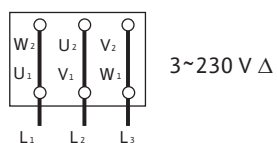
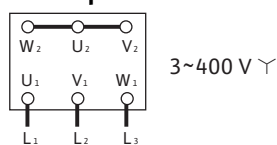
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 203
Art no.	4032769

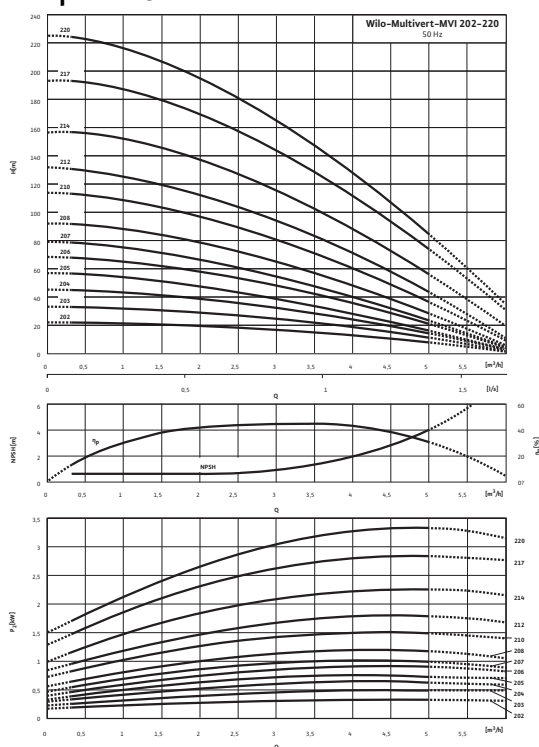
Data sheet: Wilo-Multivert MVI 203 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 204 (3~400 V, FKM, PN 25, Victaulic)

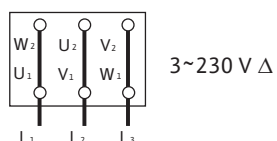
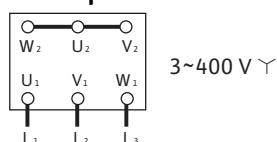
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 204
Art no.	4032770

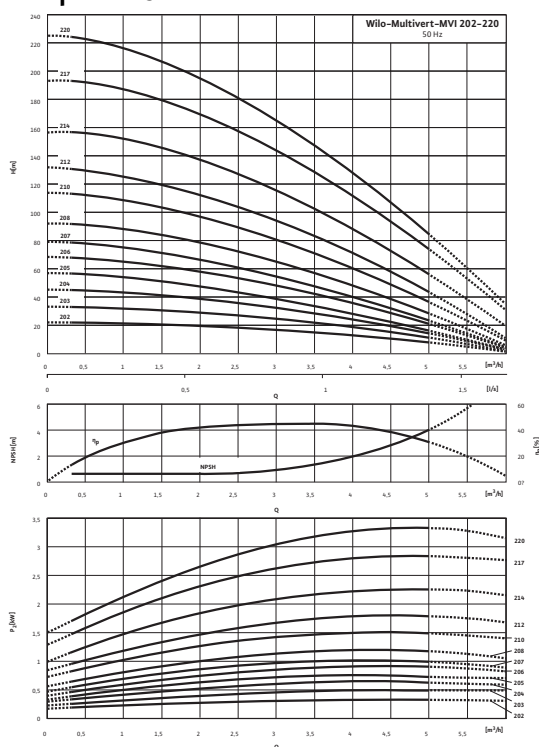
Data sheet: Wilo-Multivert MVI 204 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 205 (3~400 V, FKM, PN 25, Victaulic)

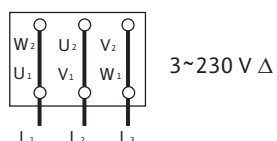
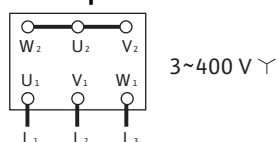
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 205
Art no.	4032771

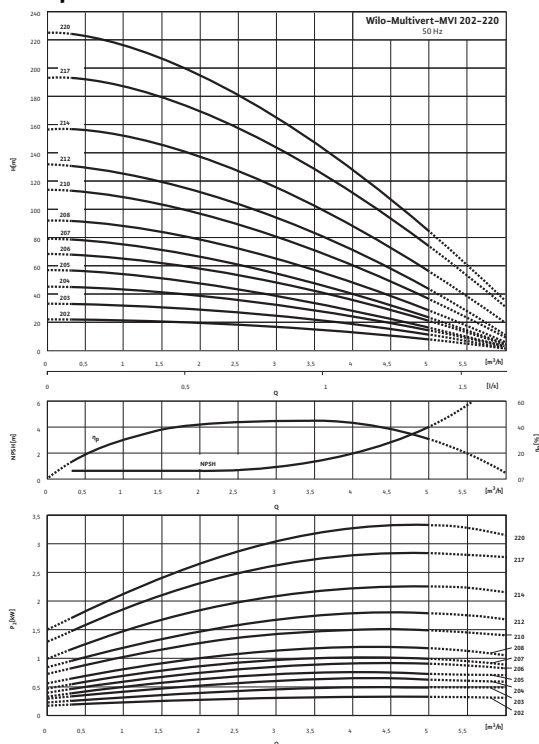
Data sheet: Wilo-Multivert MVI 205 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	24.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 206 (3~400 V, FKM, PN 25, Victaulic)

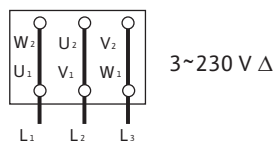
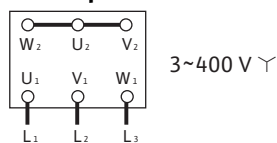
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 206
Art no.	4032772

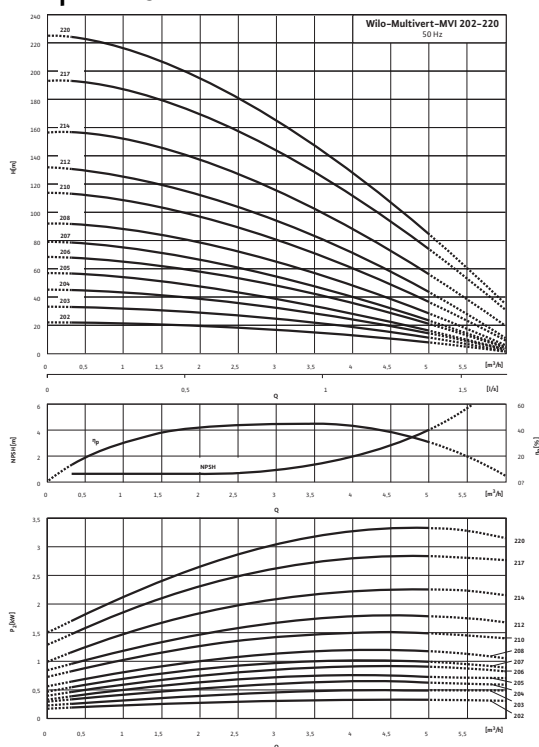
Data sheet: Wilo-Multivert MVI 206 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 207 (3~400 V, FKM, PN 25, Victaulic)

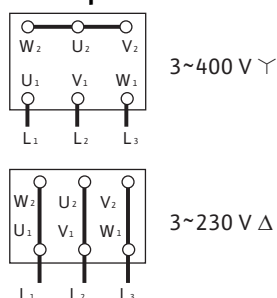
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 207
Art no.	4032773

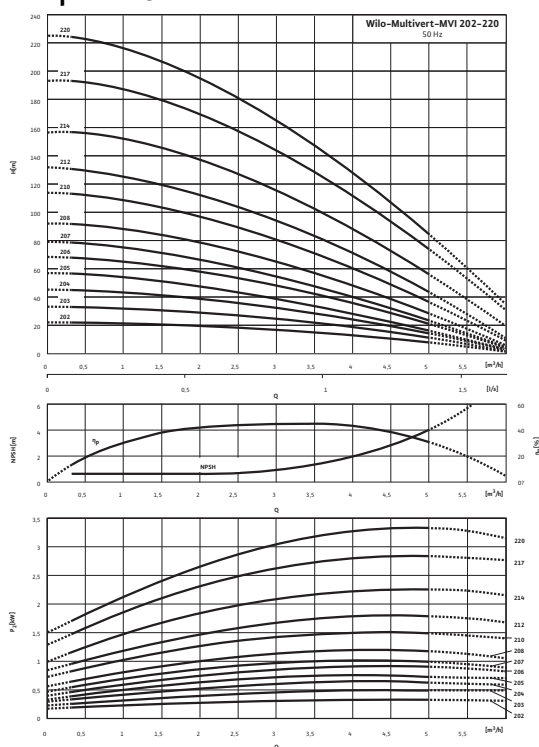
Data sheet: Wilo-Multivert MVI 207 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	30.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 208 (3~400 V, FKM, PN 25, Victaulic)

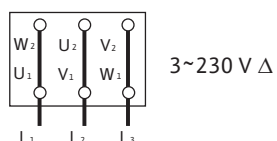
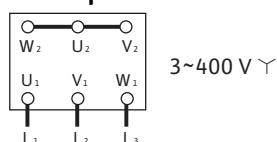
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 208
Art no.	4032774

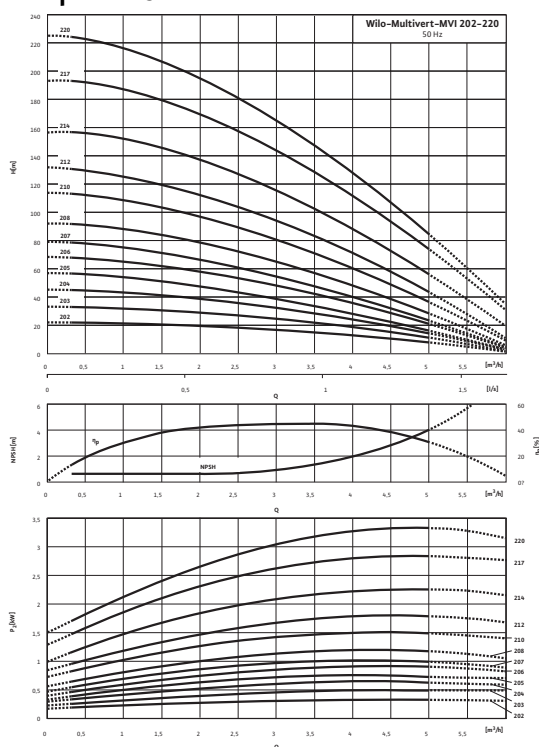
Data sheet: Wilo-Multivert MVI 208 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 210 (3~400 V, FKM, PN 25, Victaulic)

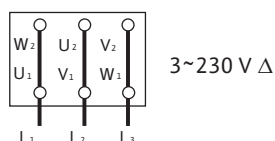
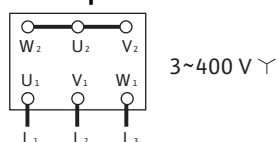
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 210
Art no.	4032775

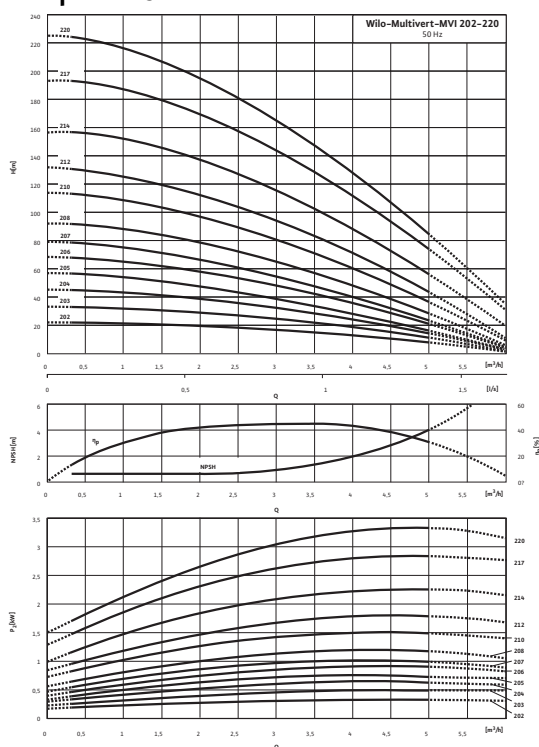
Data sheet: Wilo-Multivert MVI 210 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 212 (3~400 V, FKM, PN 25, Victaulic)

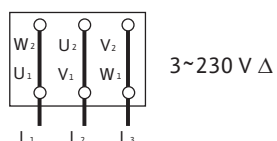
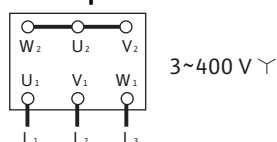
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 212
Art no.	4032776

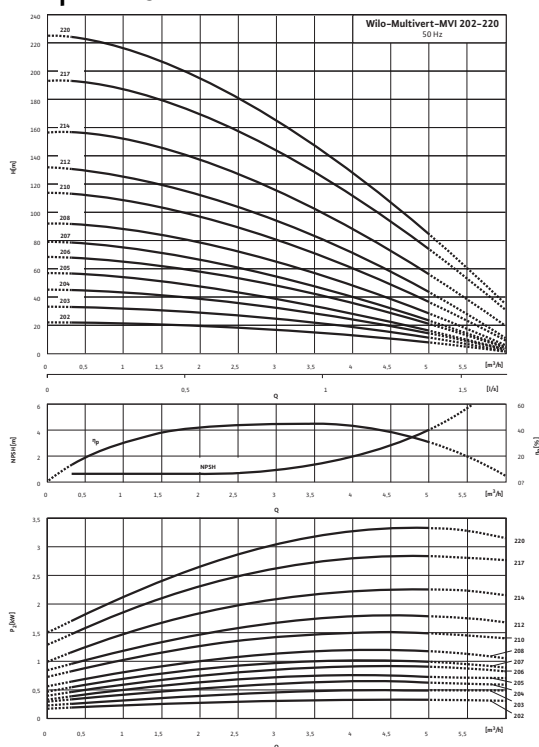
Data sheet: Wilo-Multivert MVI 212 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	39.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 214 (3~400 V, FKM, PN 25, Victaulic)

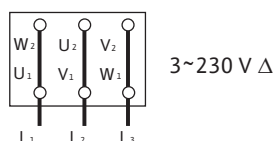
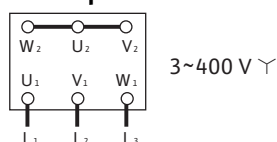
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 214
Art no.	4032777

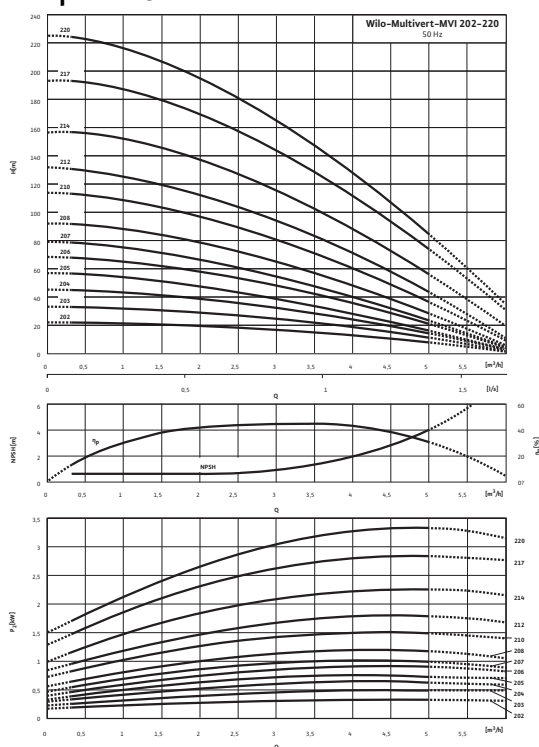
Data sheet: Wilo-Multivert MVI 214 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	40.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 217 (3~400 V, FKM, PN 25, Victaulic)

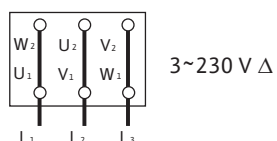
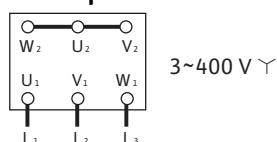
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 217
Art no.	4032778

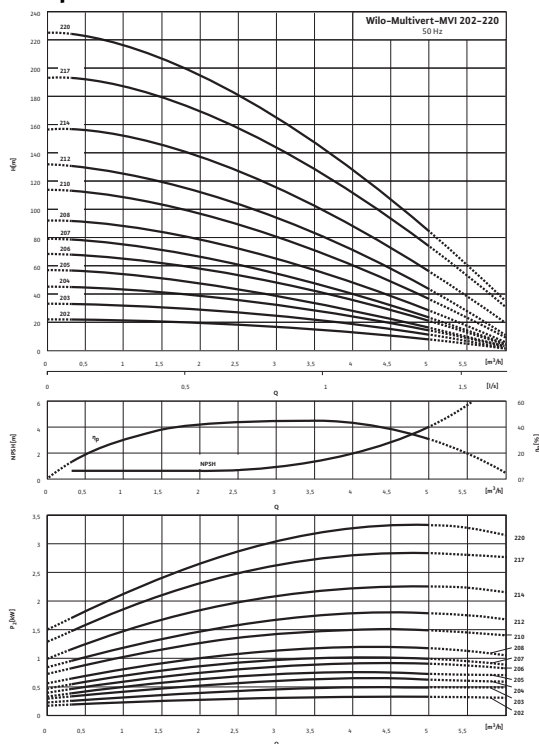
Data sheet: Wilo-Multivert MVI 217 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	51.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 220 (3~400 V, FKM, PN 25, Victaulic)

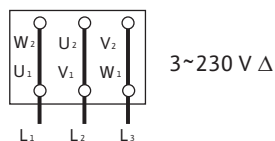
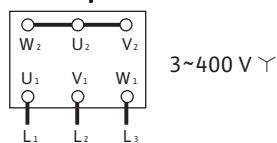
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 220
Art no.	4032779

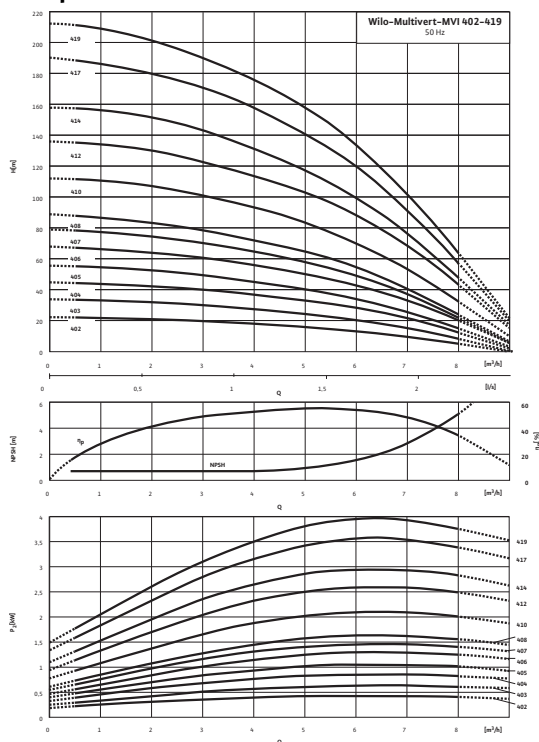
Data sheet: Wilo-Multivert MVI 220 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (1~230 V, EPDM, PN 16)

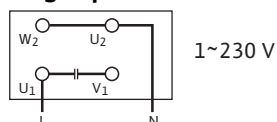
Pump curves



Pump curves in accordance with ISO 9906, class 2

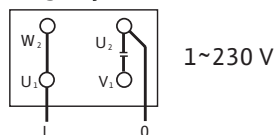
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

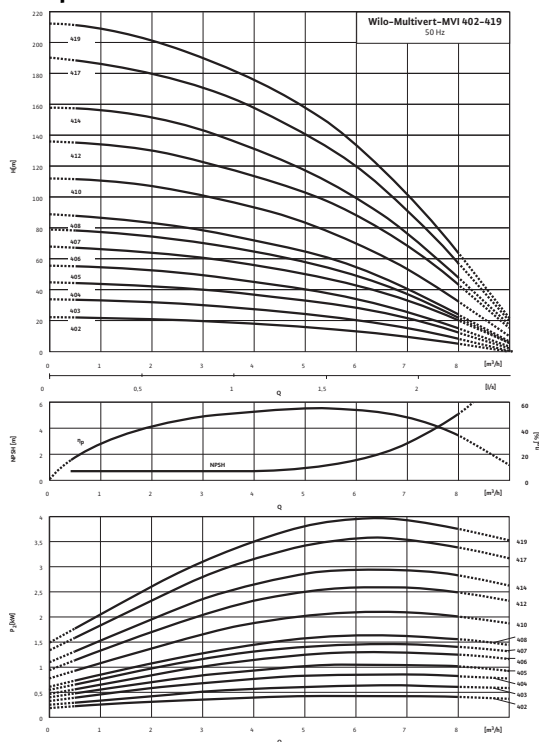
Information for order placements

Make	Wilo	
Type	MVI 402	
Art no.	4018778	
Weight approx.	m	18.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (1~230 V, EPDM, PN 16)

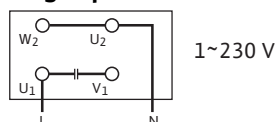
Pump curves



Pump curves in accordance with ISO 9906, class 2

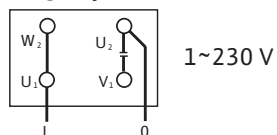
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

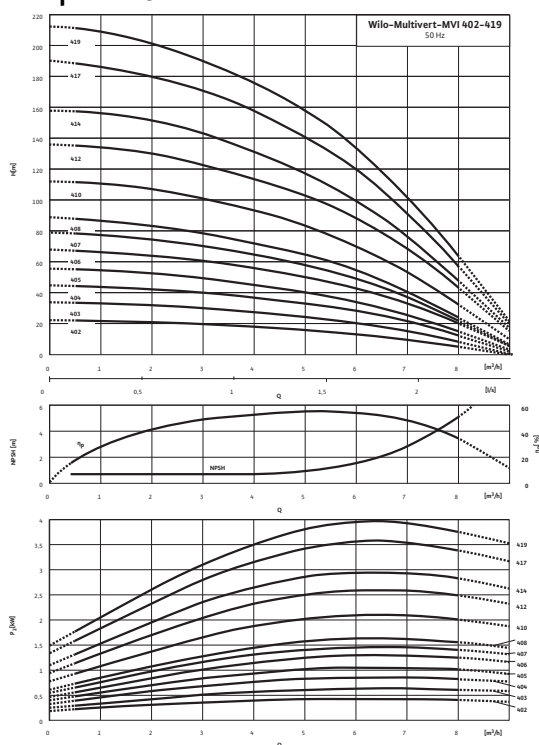
Information for order placements

Make	Wilo	
Type	MVI 403	
Art no.	4018779	
Weight approx.	m	20.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (1~230 V, EPDM, PN 16)

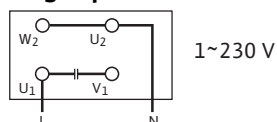
Pump curves



Pump curves in accordance with ISO 9906, class 2

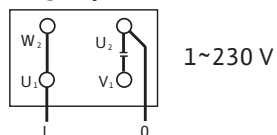
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	η_m 100%	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

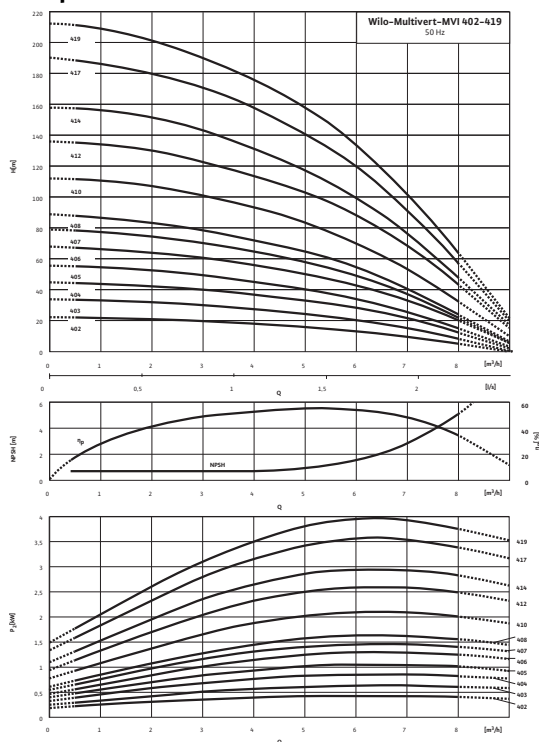
Information for order placements

Make	Wilo	
Type	MVI 404	
Art no.	4018780	
Weight approx.	m	22.9 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (1~230 V, EPDM, PN 16)

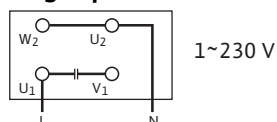
Pump curves



Pump curves in accordance with ISO 9906, class 2

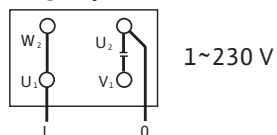
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m100\%}$	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

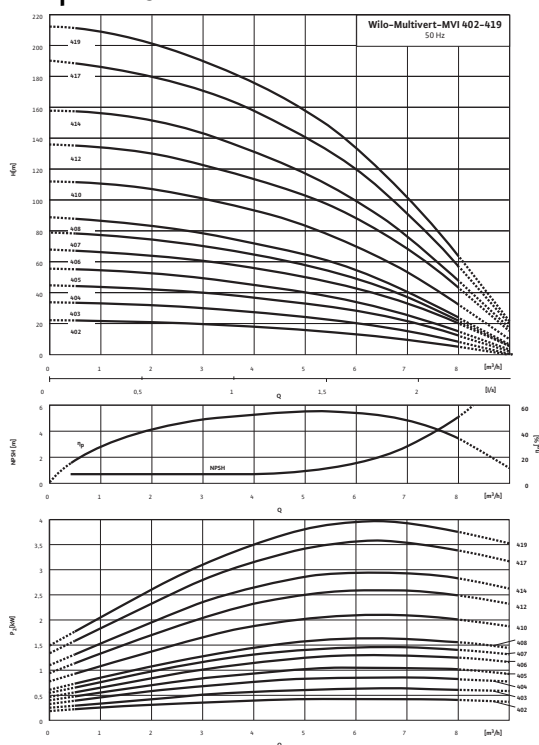
Information for order placements

Make	Wilo	
Type	MVI 405	
Art no.	4018781	
Weight approx.	m	23.5 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (1~230 V, EPDM, PN 16)

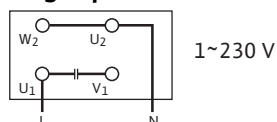
Pump curves



Pump curves in accordance with ISO 9906, class 2

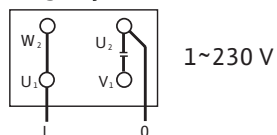
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	η_m 100%	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

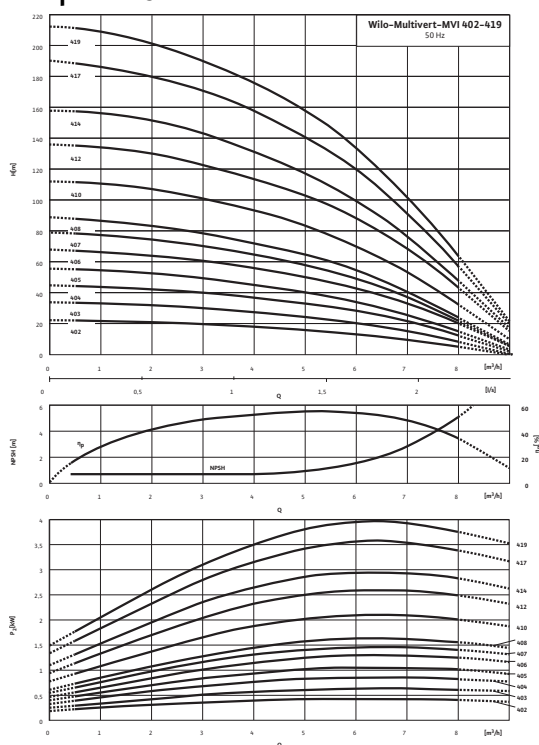
Information for order placements

Make	Wilo	
Type	MVI 406	
Art no.	4018782	
Weight approx.	m	32.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (1~230 V, EPDM, PN 16)

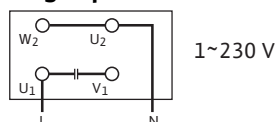
Pump curves



Pump curves in accordance with ISO 9906, class 2

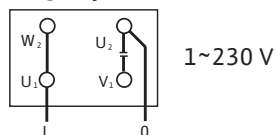
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	η_m 100%	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

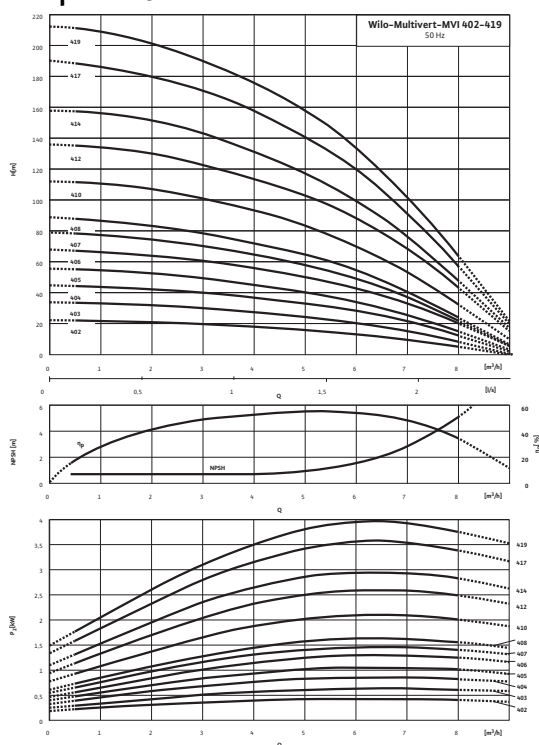
Information for order placements

Make	Wilo	
Type	MVI 407	
Art no.	4018783	
Weight approx.	m	33.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (3~400 V, EPDM, PN 16)

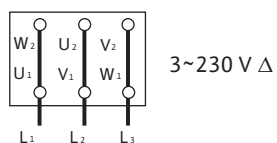
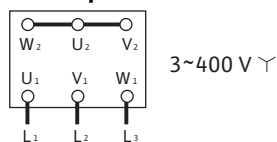
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 402
Art no.	4024691

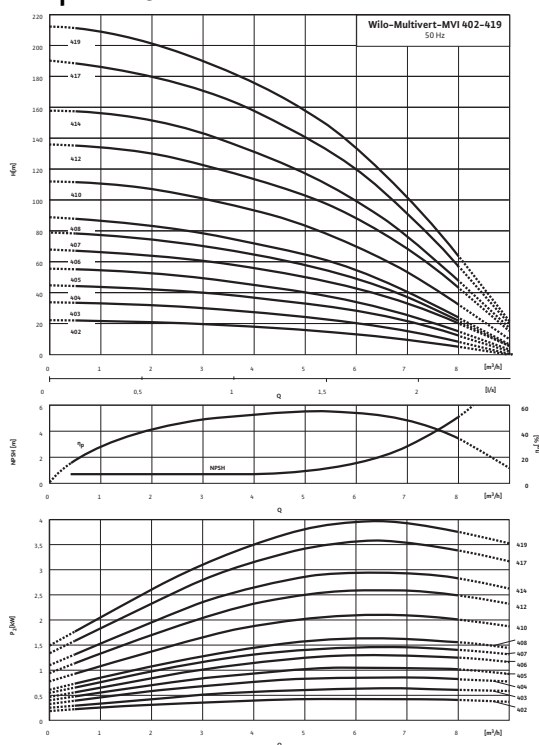
Data sheet: Wilo-Multivert MVI 402 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	19.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (3~400 V, EPDM, PN 16)

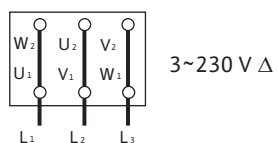
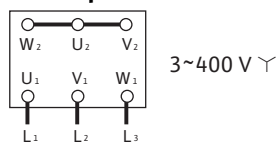
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 403
Art no.	4024693

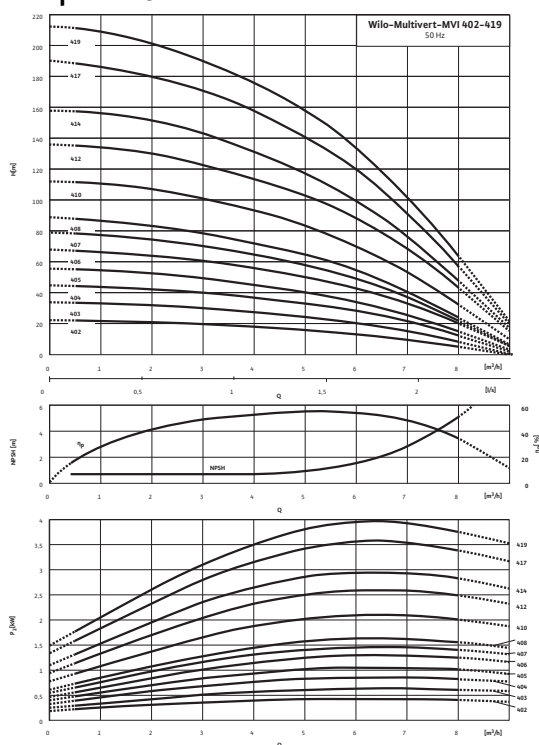
Data sheet: Wilo-Multivert MVI 403 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	21.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (3~400 V, EPDM, PN 16)

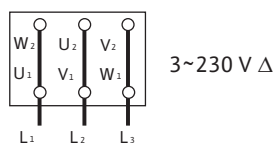
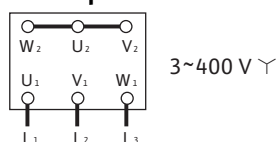
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 404
Art no.	4024695

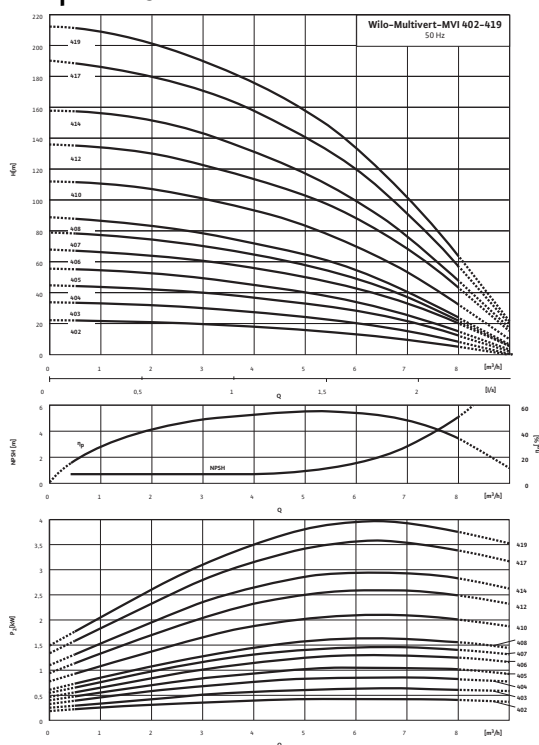
Data sheet: Wilo-Multivert MVI 404 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (3~400 V, EPDM, PN 16)

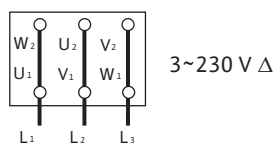
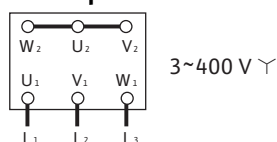
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 405
Art no.	4024697

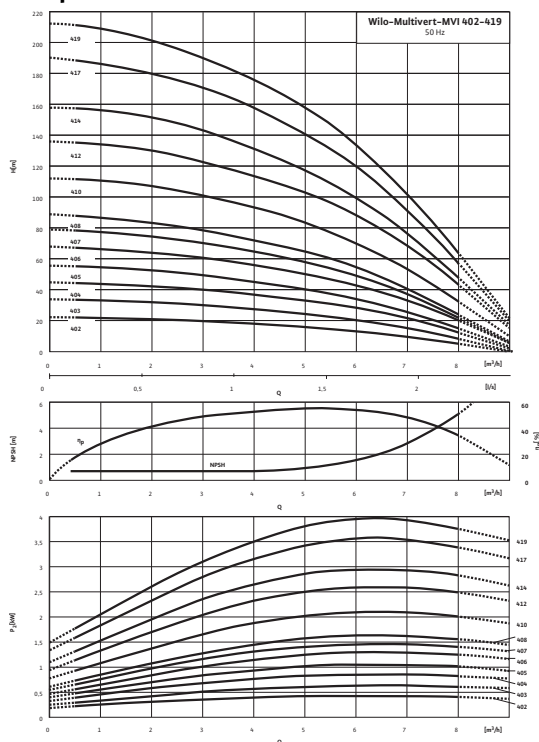
Data sheet: Wilo-Multivert MVI 405 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	26.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (3~400 V, EPDM, PN 16)

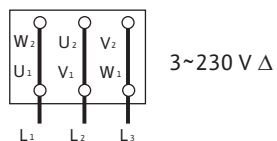
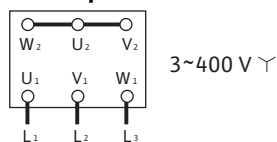
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 406
Art no.	4024699

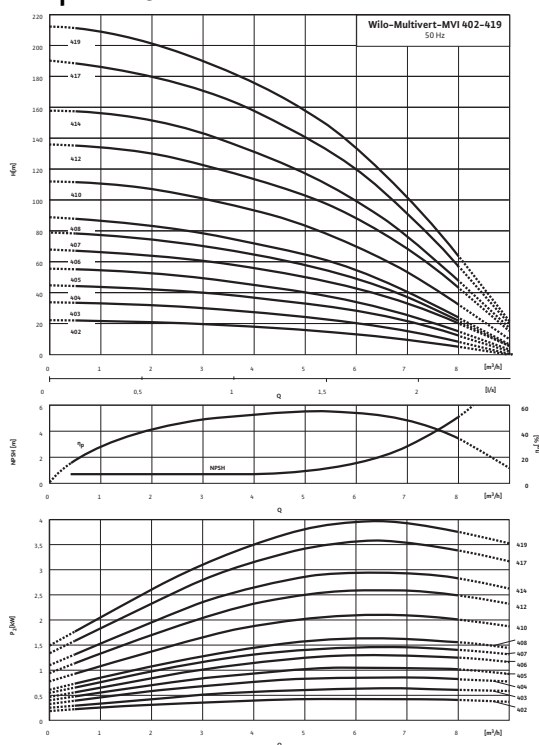
Data sheet: Wilo-Multivert MVI 406 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	33.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (3~400 V, EPDM, PN 16)

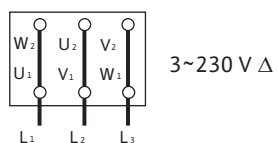
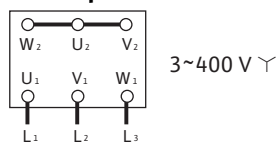
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 407
Art no.	4024701

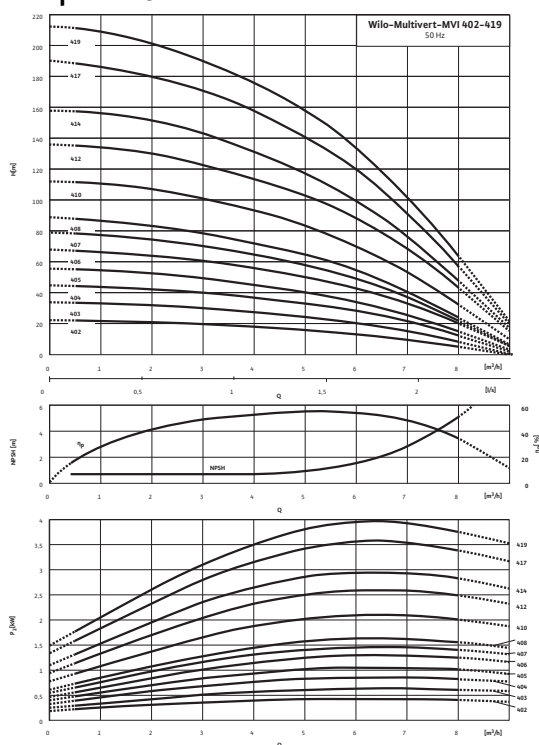
Data sheet: Wilo-Multivert MVI 407 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	34.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 408 (3~400 V, EPDM, PN 16)

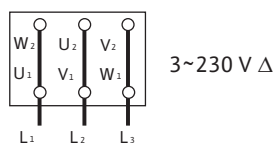
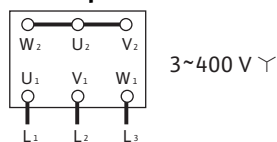
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 408
Art no.	4024703

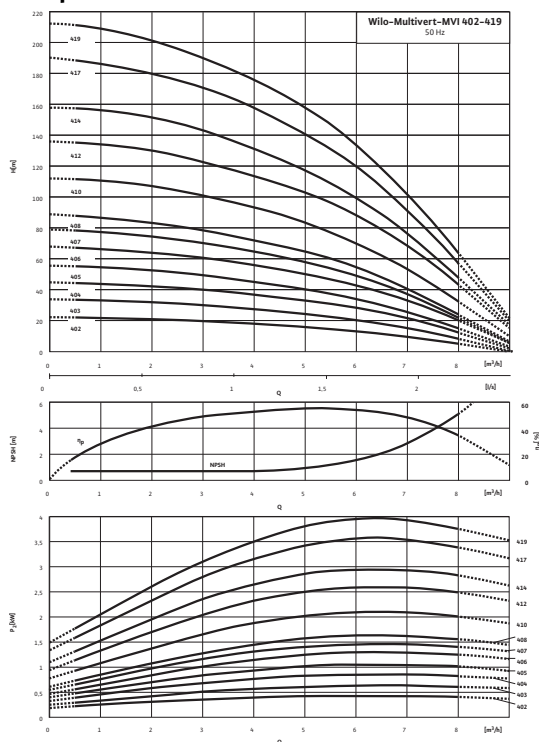
Data sheet: Wilo-Multivert MVI 408 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 410 (3~400 V, EPDM, PN 16)

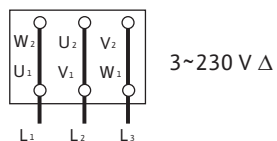
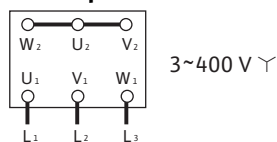
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 410
Art no.	4024705

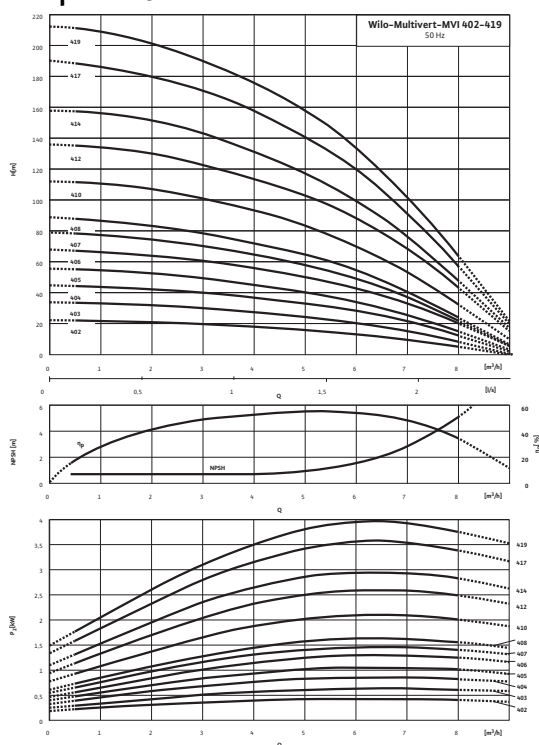
Data sheet: Wilo-Multivert MVI 410 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 412 (3~400 V, EPDM, PN 16)

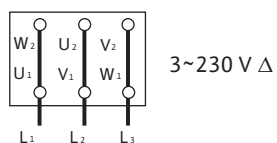
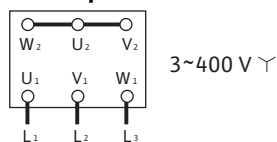
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	--------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 412
Art no.	4024707

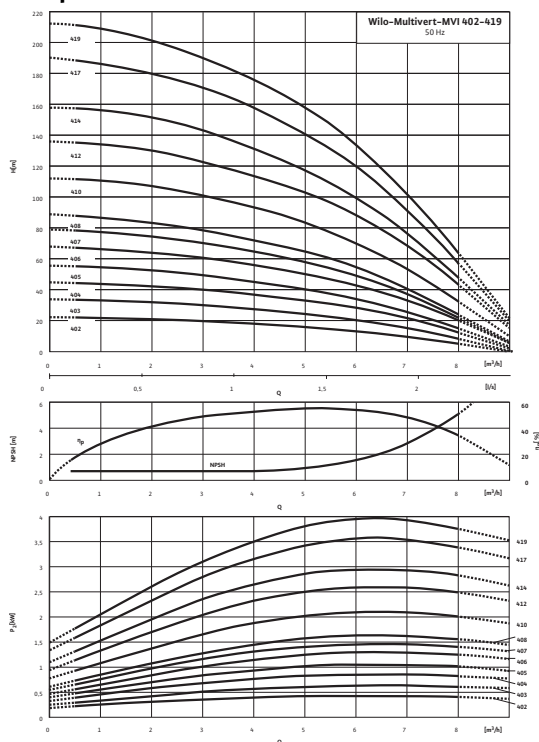
Data sheet: Wilo-Multivert MVI 412 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 414 (3~400 V, EPDM, PN 16)

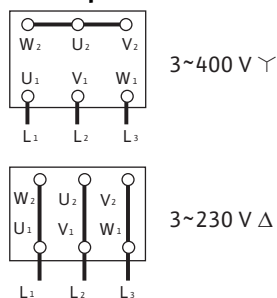
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1¼	
Nominal diameter, oval flange (on the suction side)	G 1¼	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 414
Art no.	4086350

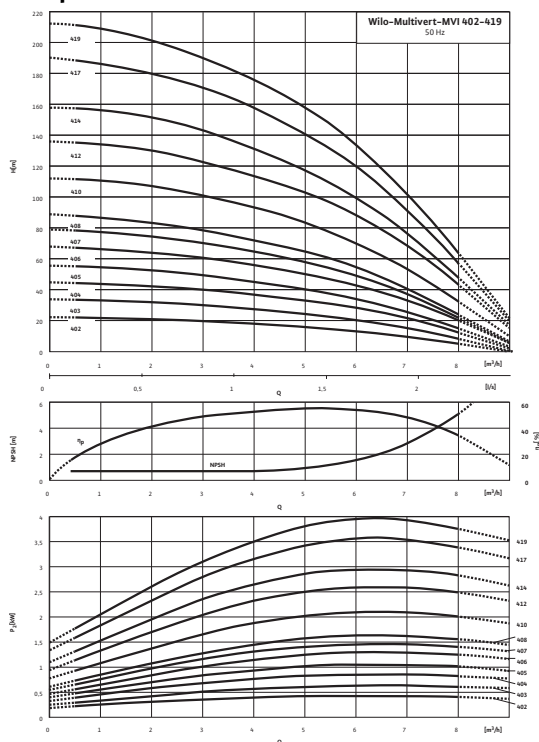
Data sheet: Wilo-Multivert MVI 414 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (1~230 V, EPDM, PN 25)

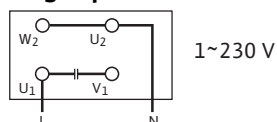
Pump curves



Pump curves in accordance with ISO 9906, class 2

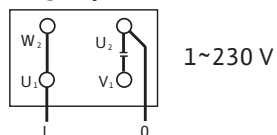
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	η_m 100%	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

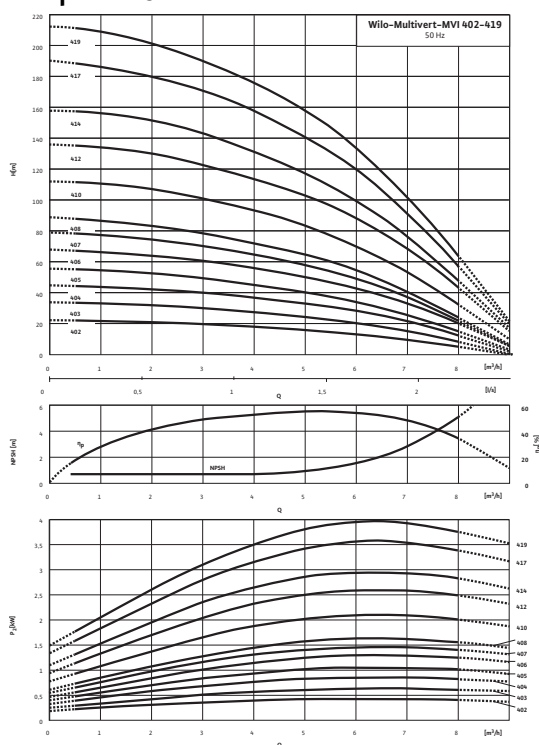
Information for order placements

Make	Wilo	
Type	MVI 402	
Art no.	4018784	
Weight approx.	m	19.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (1~230 V, EPDM, PN 25)

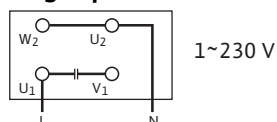
Pump curves



Pump curves in accordance with ISO 9906, class 2

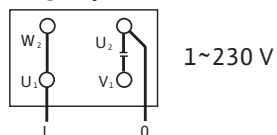
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

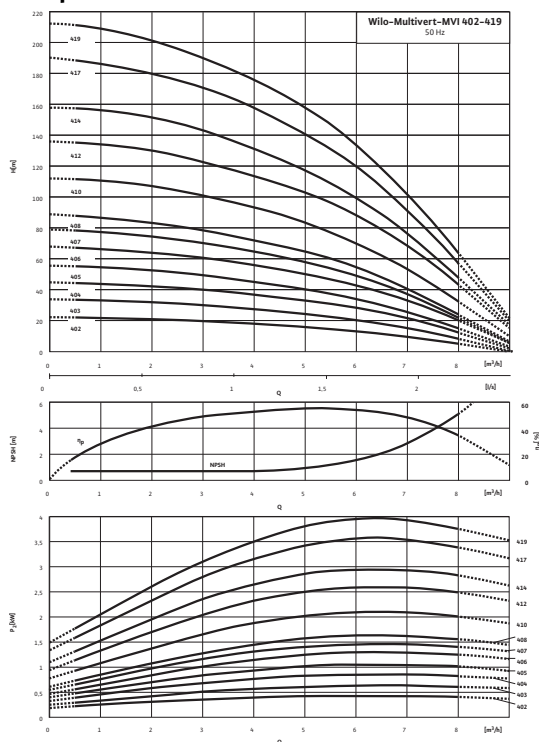
Information for order placements

Make	Wilo	
Type	MVI 403	
Art no.	4018785	
Weight approx.	m	21.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (1~230 V, EPDM, PN 25)

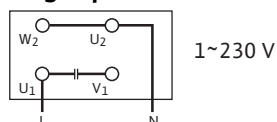
Pump curves



Pump curves in accordance with ISO 9906, class 2

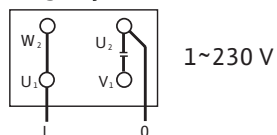
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

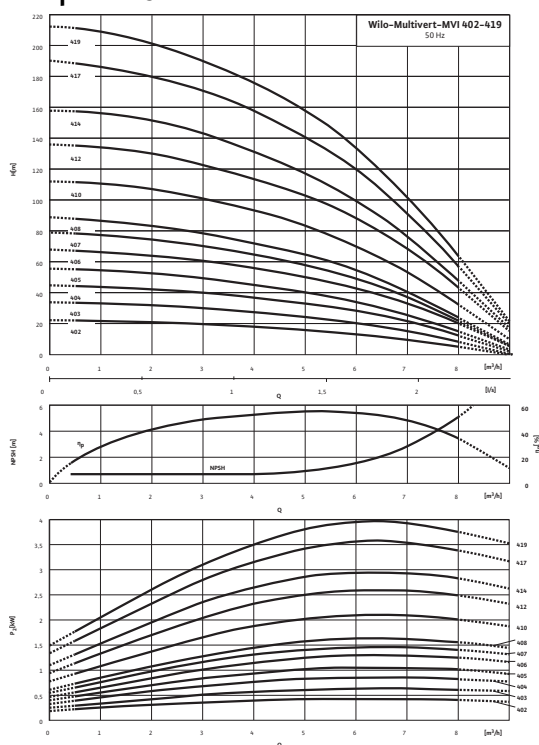
Information for order placements

Make	Wilo	
Type	MVI 404	
Art no.	4018786	
Weight approx.	m	24.2 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (1~230 V, EPDM, PN 25)

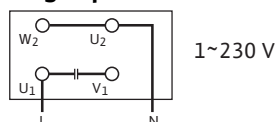
Pump curves



Pump curves in accordance with ISO 9906, class 2

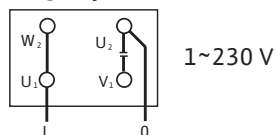
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

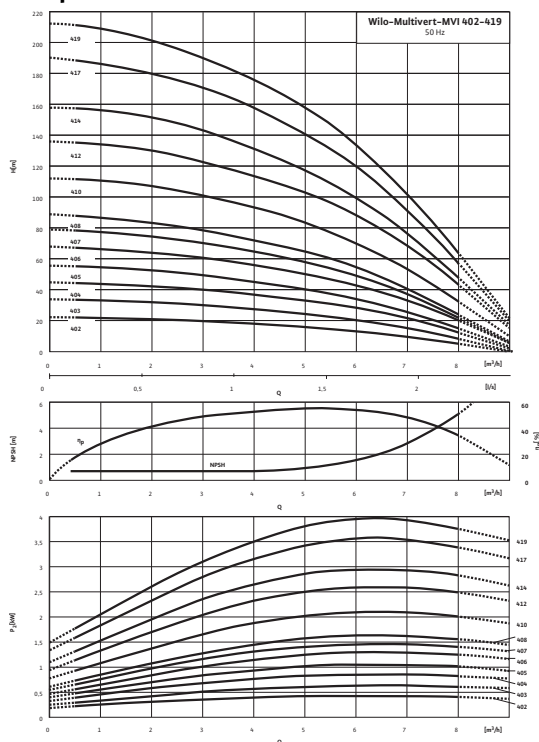
Information for order placements

Make	Wilo	
Type	MVI 405	
Art no.	4018787	
Weight approx.	m	24.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (1~230 V, EPDM, PN 25)

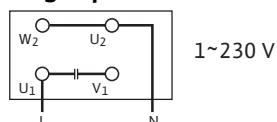
Pump curves



Pump curves in accordance with ISO 9906, class 2

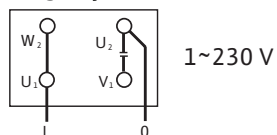
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

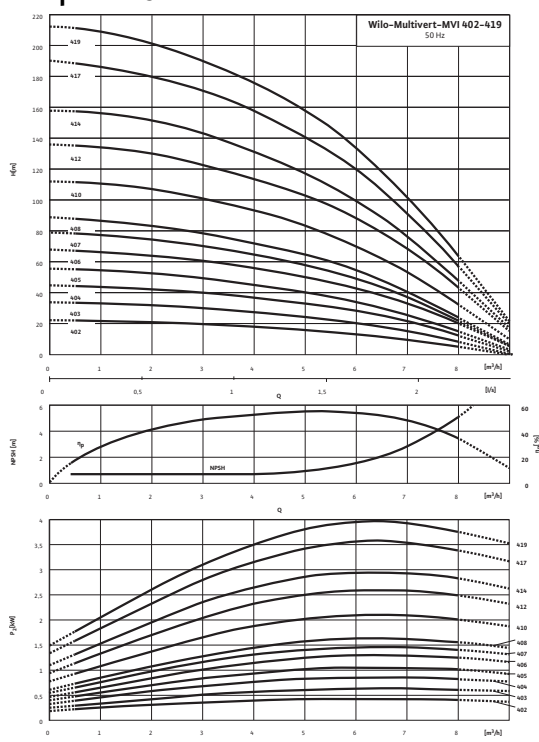
Information for order placements

Make	Wilo	
Type	MVI 406	
Art no.	4018788	
Weight approx.	m	33.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (1~230 V, EPDM, PN 25)

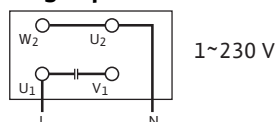
Pump curves



Pump curves in accordance with ISO 9906, class 2

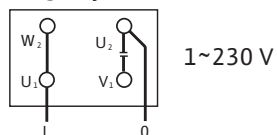
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

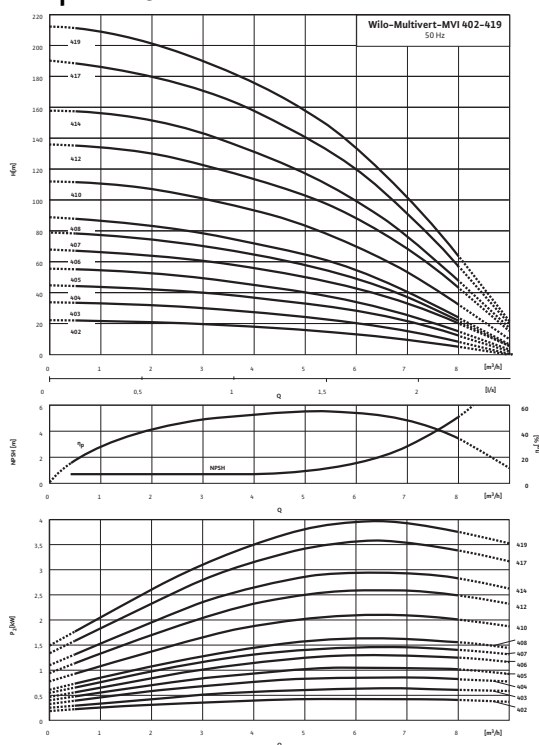
Information for order placements

Make	Wilo	
Type	MVI 407	
Art no.	4018789	
Weight approx.	m	34.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (3~400 V, EPDM, PN 25)

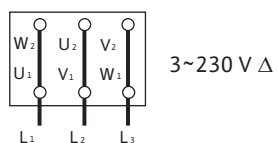
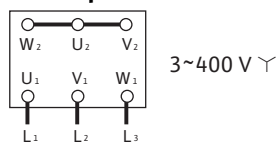
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 402
Art no.	4024709

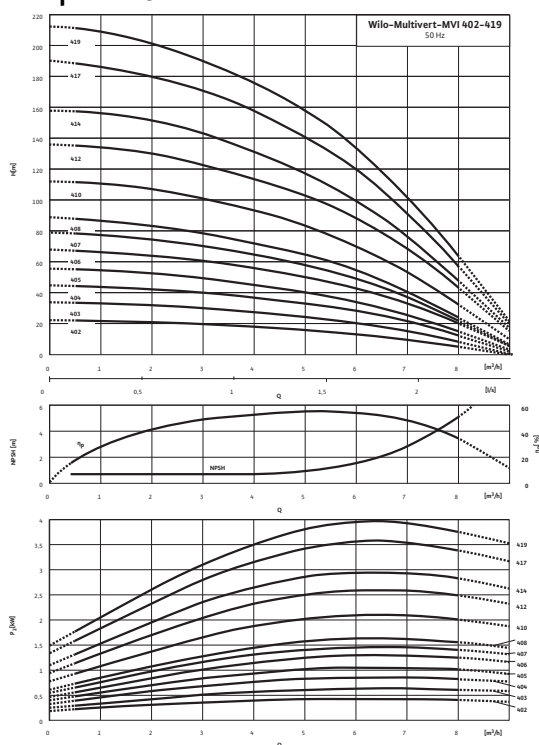
Data sheet: Wilo-Multivert MVI 402 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (3~400 V, EPDM, PN 25)

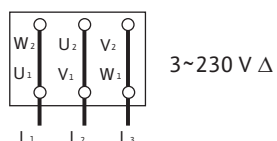
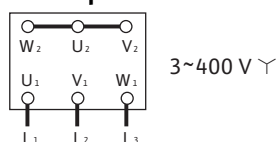
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 403
Art no.	4024710

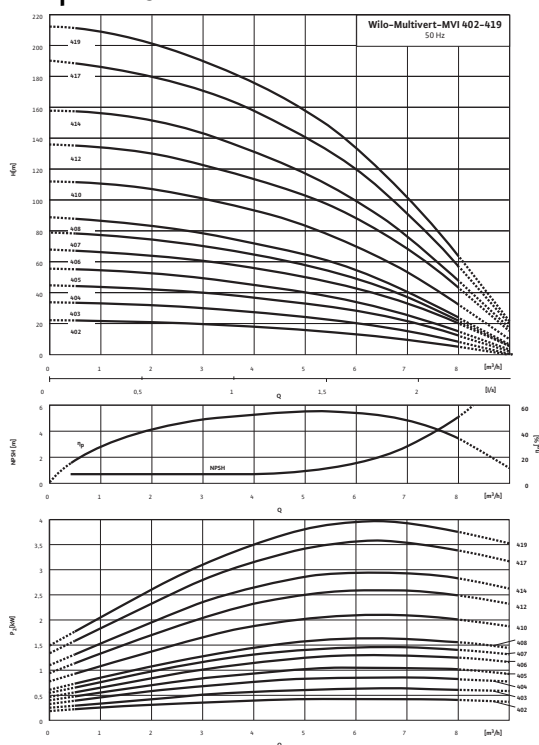
Data sheet: Wilo-Multivert MVI 403 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (3~400 V, EPDM, PN 25)

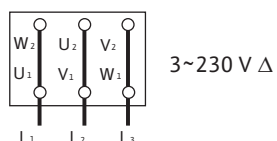
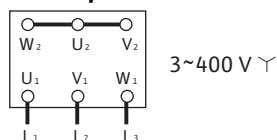
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	η_m 50%	78.0 %
Motor efficiency	η_m 75%	79.6 %
Motor efficiency	η_m 100%	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 404
Art no.	4024711

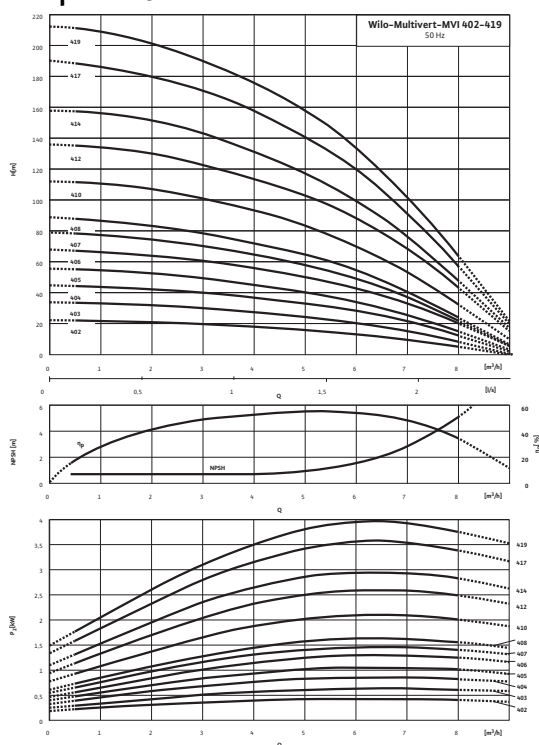
Data sheet: Wilo-Multivert MVI 404 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (3~400 V, EPDM, PN 25)

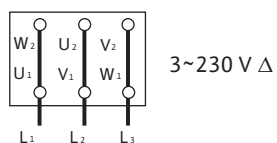
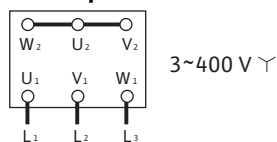
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 405
Art no.	4024712

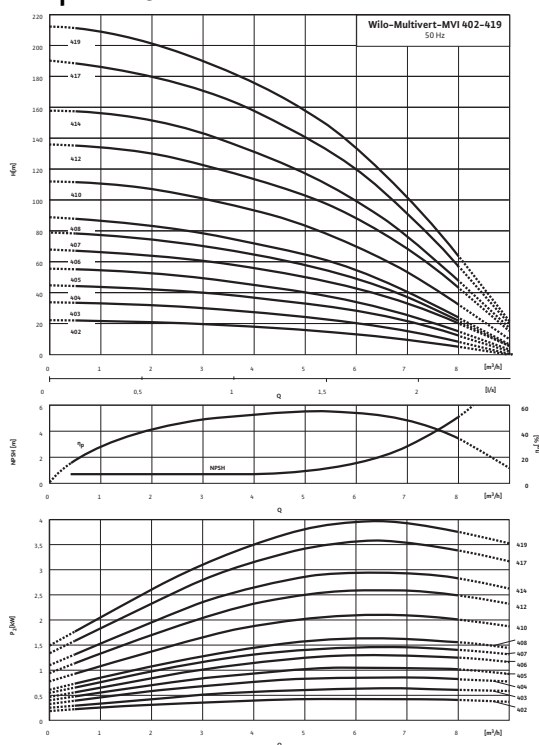
Data sheet: Wilo-Multivert MVI 405 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (3~400 V, EPDM, PN 25)

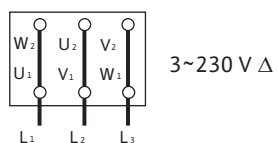
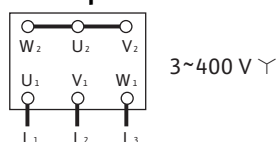
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 406
Art no.	4024713

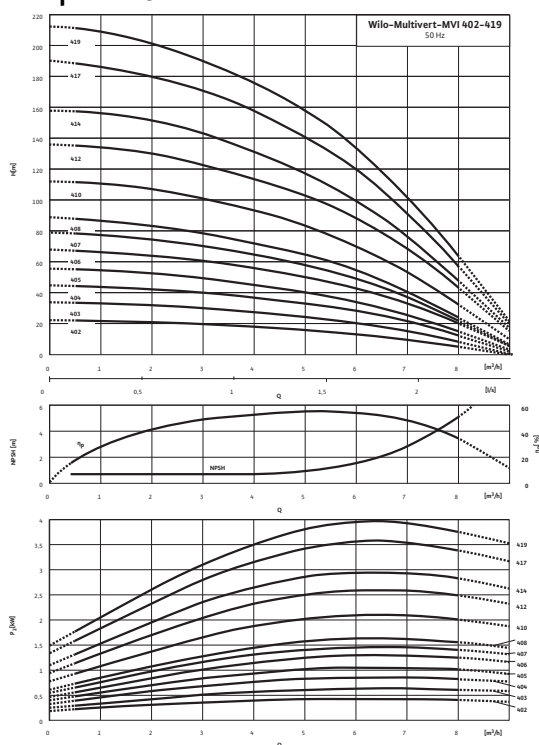
Data sheet: Wilo-Multivert MVI 406 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (3~400 V, EPDM, PN 25)

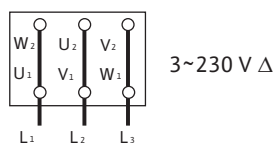
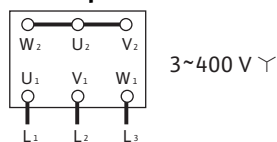
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 407
Art no.	4024714

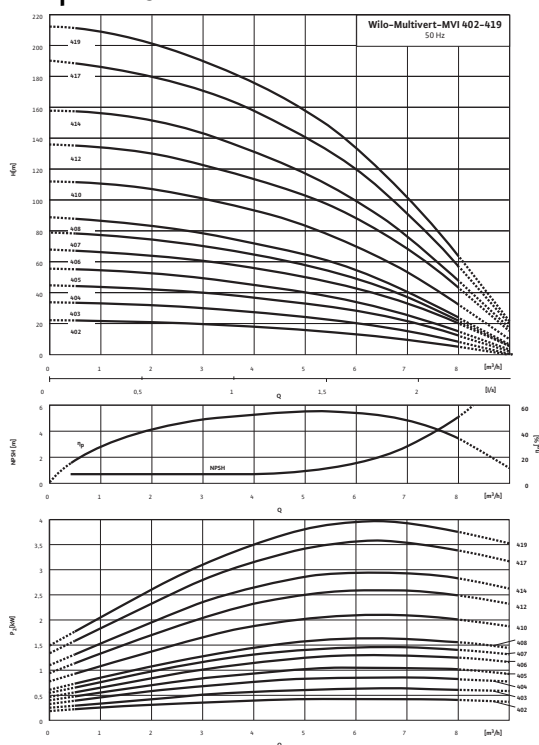
Data sheet: Wilo-Multivert MVI 407 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 408 (3~400 V, EPDM, PN 25)

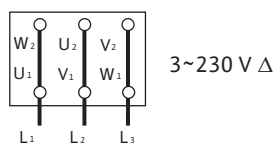
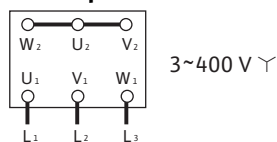
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 408
Art no.	4024715

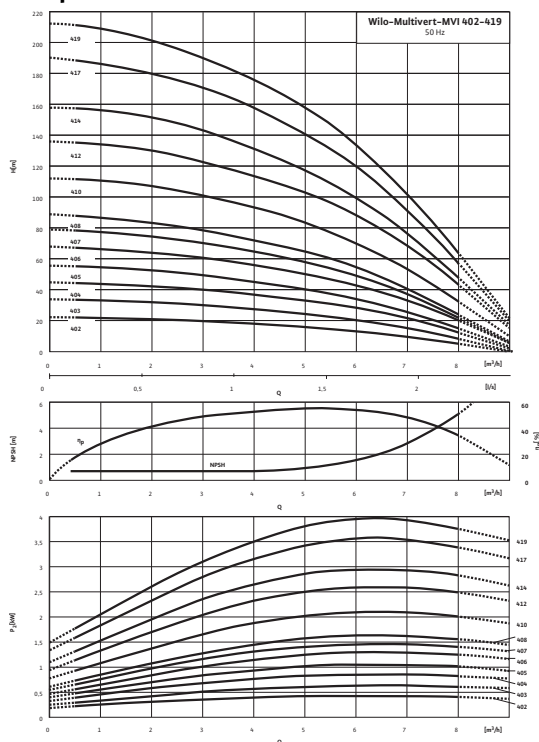
Data sheet: Wilo-Multivert MVI 408 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 410 (3~400 V, EPDM, PN 25)

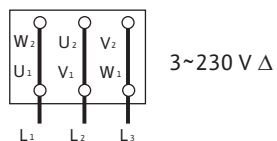
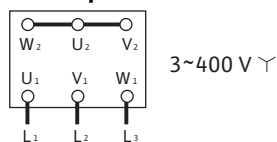
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 410
Art no.	4024716

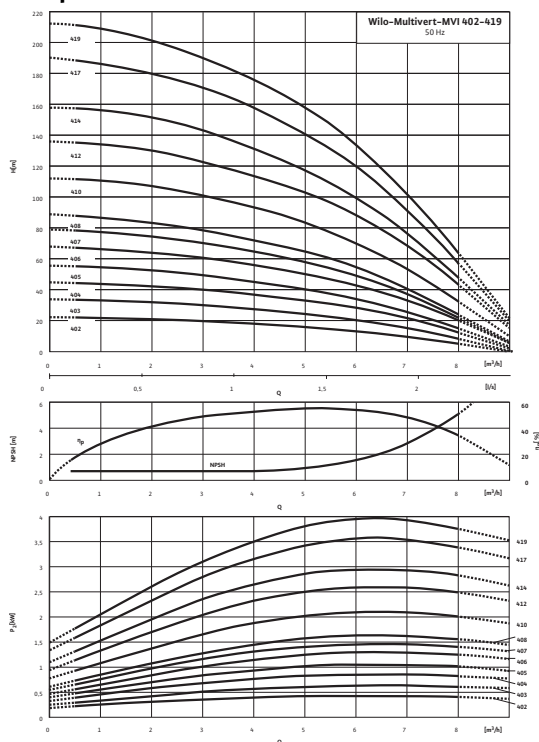
Data sheet: Wilo-Multivert MVI 410 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 412 (3~400 V, EPDM, PN 25)

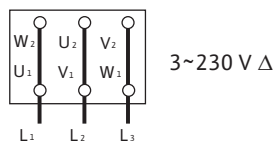
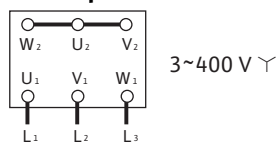
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 412
Art no.	4024717

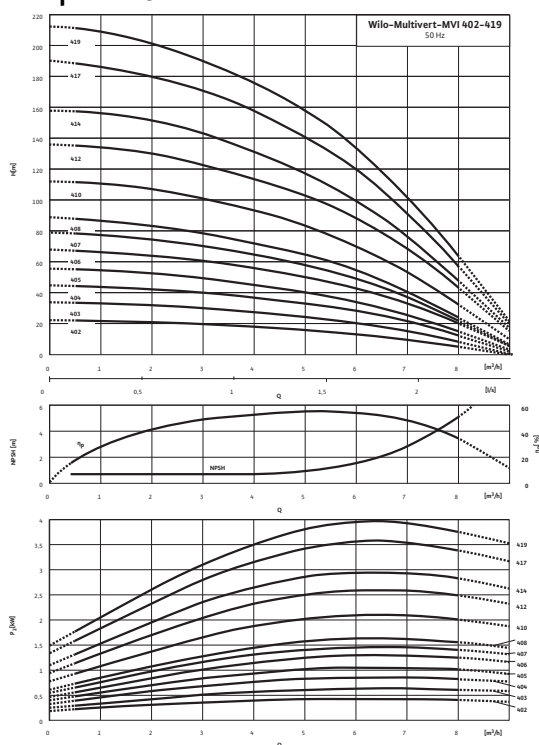
Data sheet: Wilo-Multivert MVI 412 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 414 (3~400 V, EPDM, PN 25)

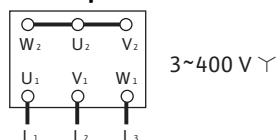
Pump curves



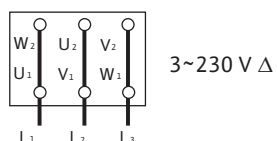
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 414
Art no.	4024718

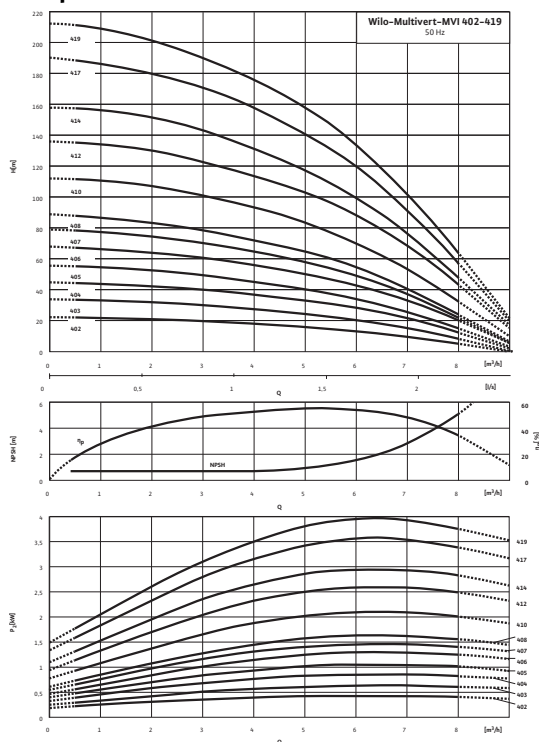
Data sheet: Wilo-Multivert MVI 414 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 417 (3~400 V, EPDM, PN 25)

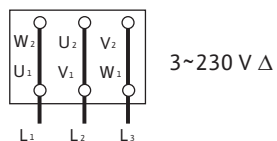
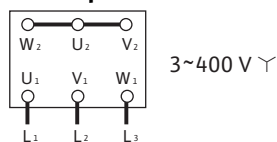
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 417
Art no.	4024719

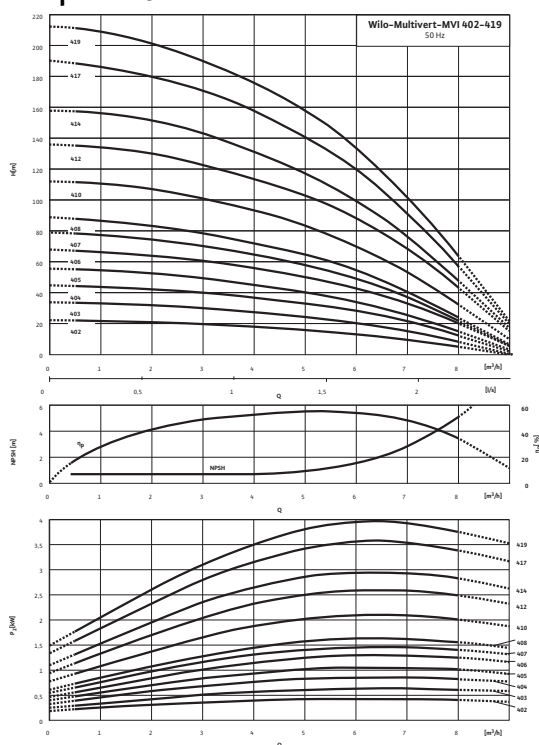
Data sheet: Wilo-Multivert MVI 417 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 419 (3~400 V, EPDM, PN 25)

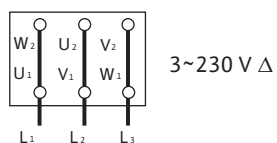
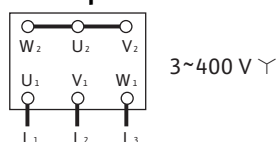
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 419
Art no.	4024720

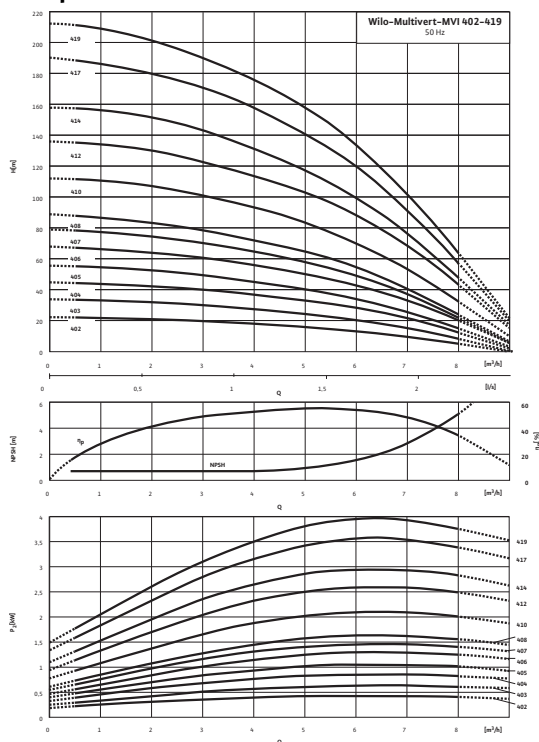
Data sheet: Wilo-Multivert MVI 419 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (1~230 V, FKM, PN 25)

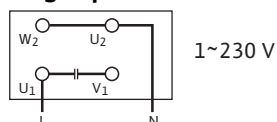
Pump curves



Pump curves in accordance with ISO 9906, class 2

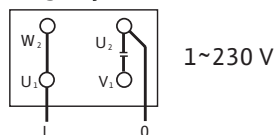
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.79 kW
Nominal current 1~230 V, 50 Hz	I_N	3.6 A
Motor efficiency	$\eta_{m100\%}$	72.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

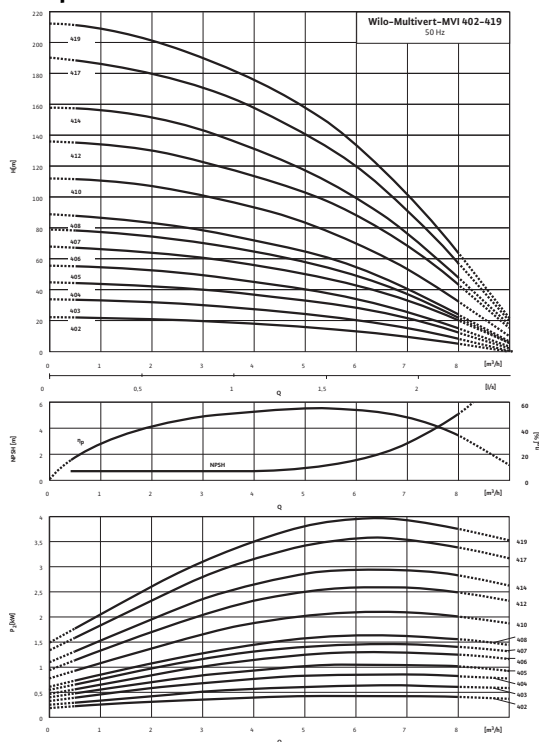
Information for order placements

Make	Wilo	
Type	MVI 402	
Art no.	4019103	
Weight approx.	m	19.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (1~230 V, FKM, PN 25)

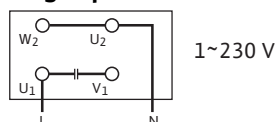
Pump curves



Pump curves in accordance with ISO 9906, class 2

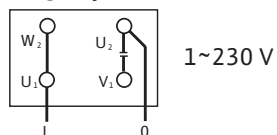
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	η_m 100%	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

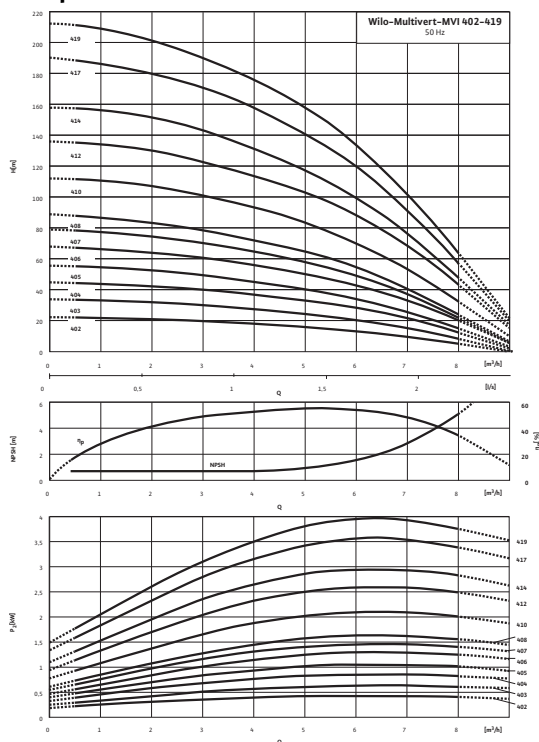
Information for order placements

Make	Wilo	
Type	MVI 403	
Art no.	4019104	
Weight approx.	m	21.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (1~230 V, FKM, PN 25)

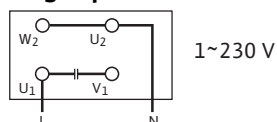
Pump curves



Pump curves in accordance with ISO 9906, class 2

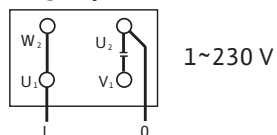
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

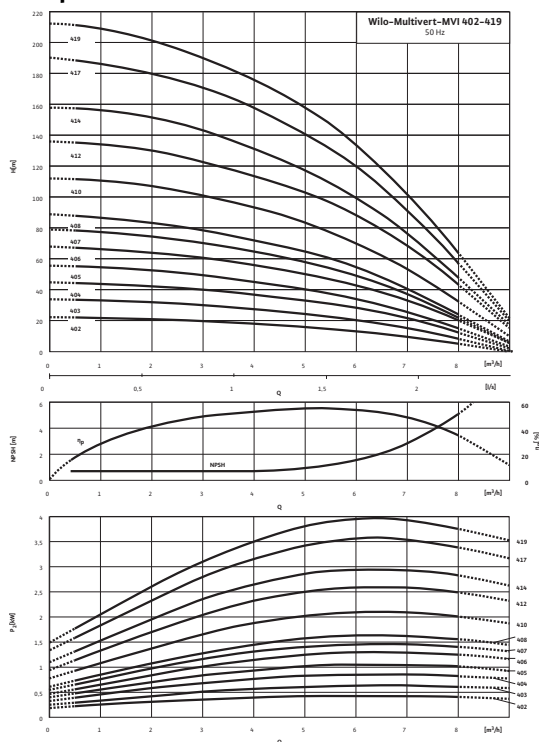
Information for order placements

Make	Wilo	
Type	MVI 404	
Art no.	4019105	
Weight approx.	m	24.2 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (1~230 V, FKM, PN 25)

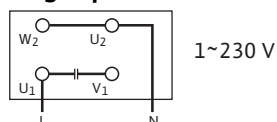
Pump curves



Pump curves in accordance with ISO 9906, class 2

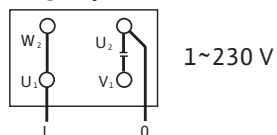
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVG

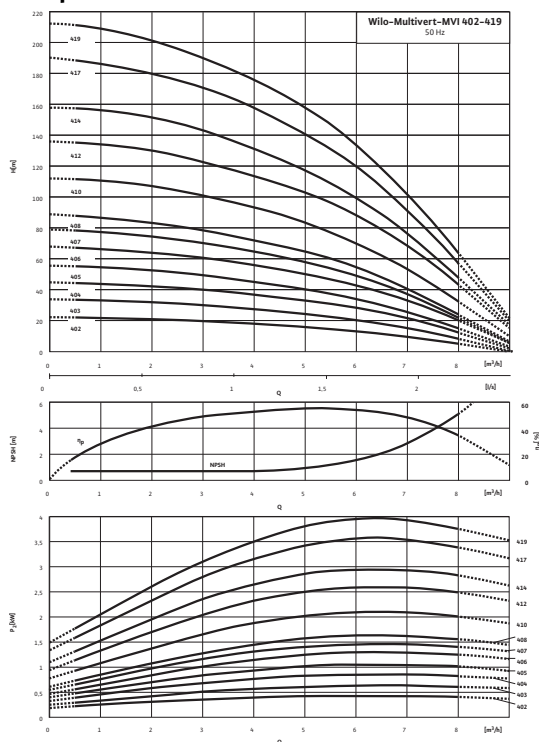
Information for order placements

Make	Wilo	
Type	MVI 405	
Art no.	4019106	
Weight approx.	m	24.8 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (1~230 V, FKM, PN 25)

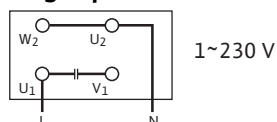
Pump curves



Pump curves in accordance with ISO 9906, class 2

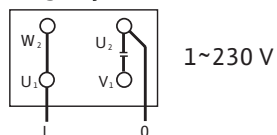
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

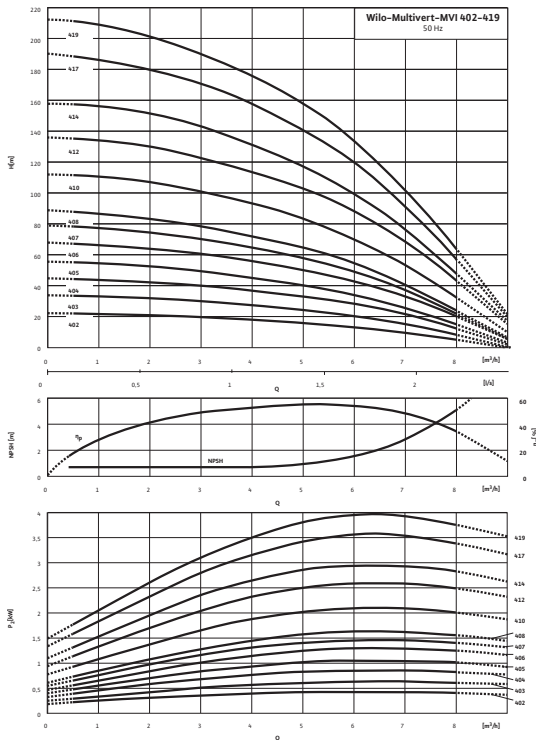
Information for order placements

Make	Wilo	
Type	MVI 406	
Art no.	4019107	
Weight approx.	m	33.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (1~230 V, FKM, PN 25)

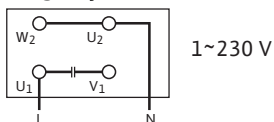
Pump curves



Pump curves in accordance with ISO 9906, class 2

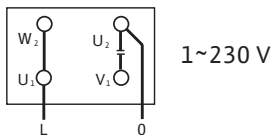
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

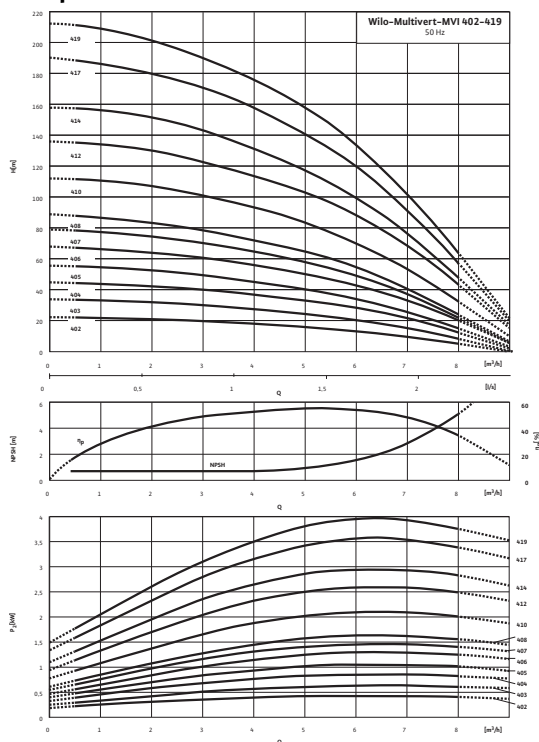
Information for order placements

Make	Wilo	
Type	MVI 407	
Art no.	4019108	
Weight approx.	m	34.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (3~400 V, FKM, PN 25)

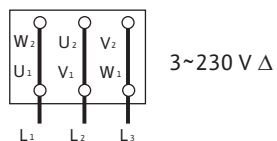
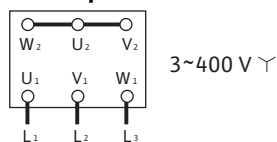
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 402
Art no.	4019065

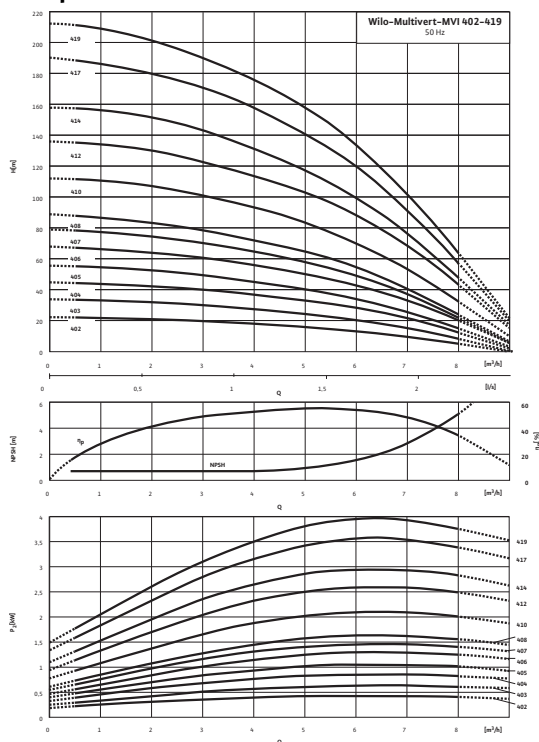
Data sheet: Wilo-Multivert MVI 402 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (3~400 V, FKM, PN 25)

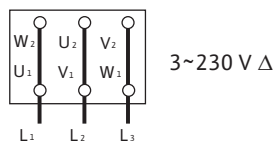
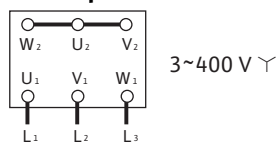
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 403
Art no.	4019066

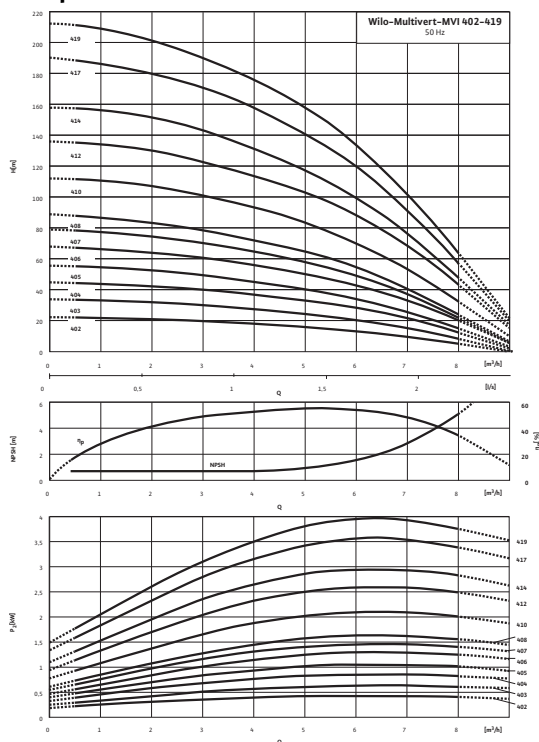
Data sheet: Wilo-Multivert MVI 403 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (3~400 V, FKM, PN 25)

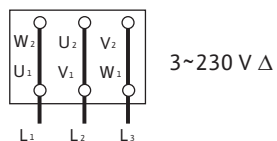
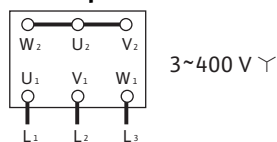
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 404
Art no.	4019067

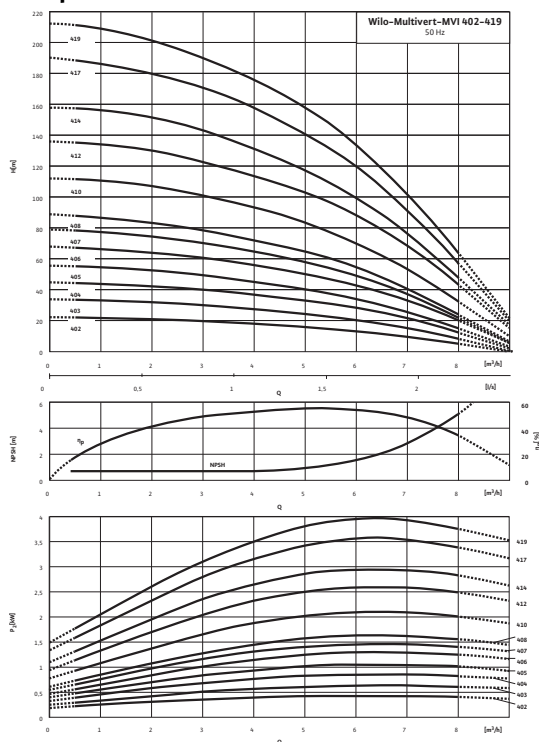
Data sheet: Wilo-Multivert MVI 404 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (3~400 V, FKM, PN 25)

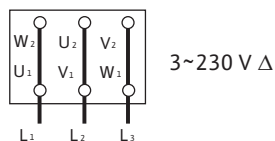
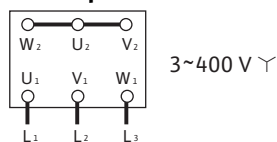
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 405
Art no.	4019068

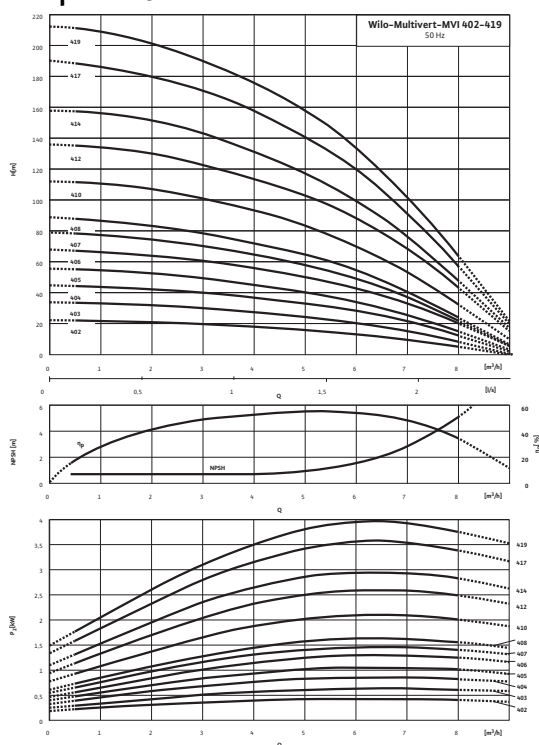
Data sheet: Wilo-Multivert MVI 405 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (3~400 V, FKM, PN 25)

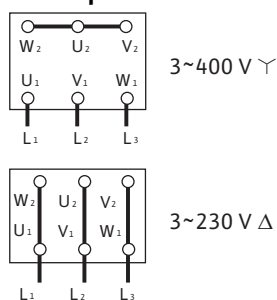
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 406
Art no.	4019069

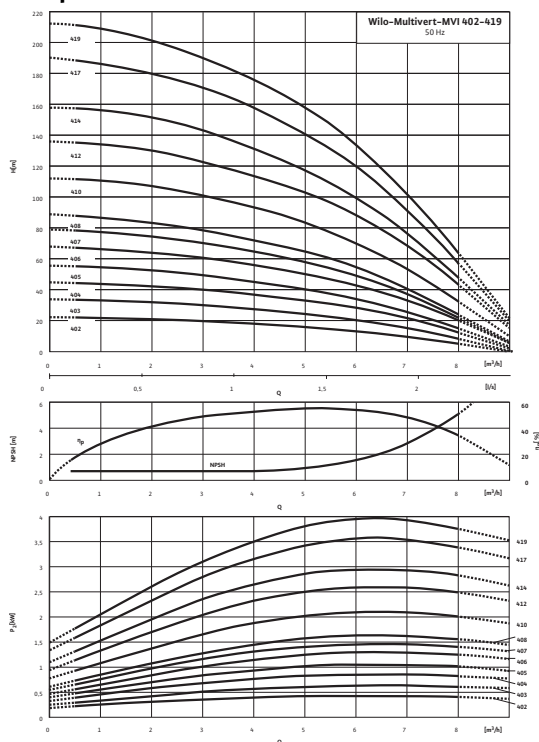
Data sheet: Wilo-Multivert MVI 406 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (3~400 V, FKM, PN 25)

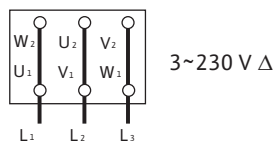
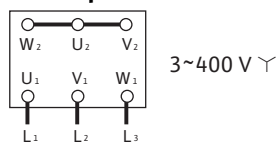
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 407
Art no.	4019070

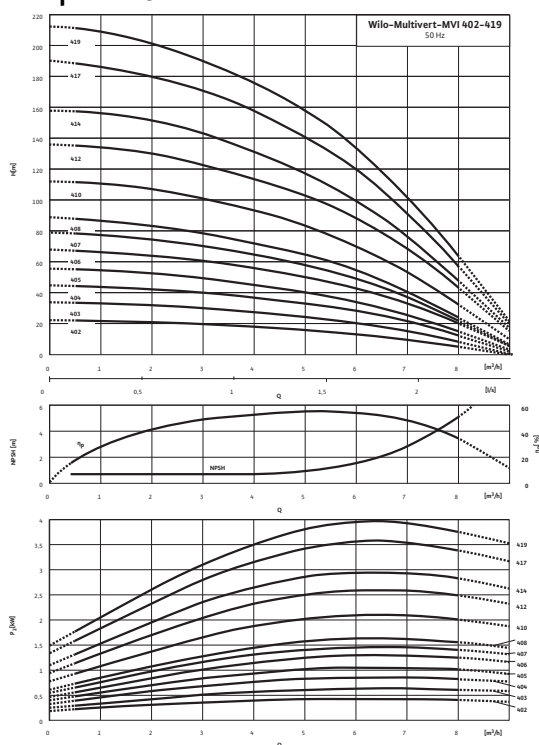
Data sheet: Wilo-Multivert MVI 407 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 408 (3~400 V, FKM, PN 25)

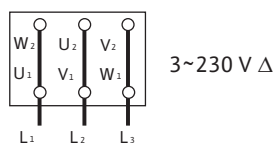
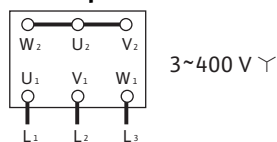
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 408
Art no.	4019071

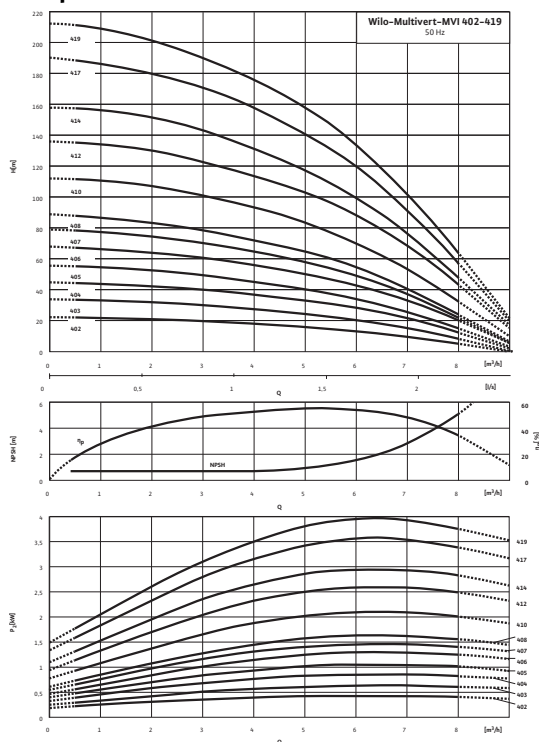
Data sheet: Wilo-Multivert MVI 408 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 410 (3~400 V, FKM, PN 25)

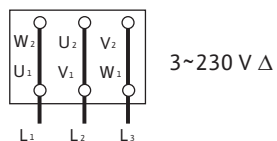
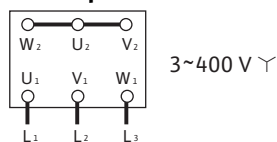
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 410
Art no.	4019072

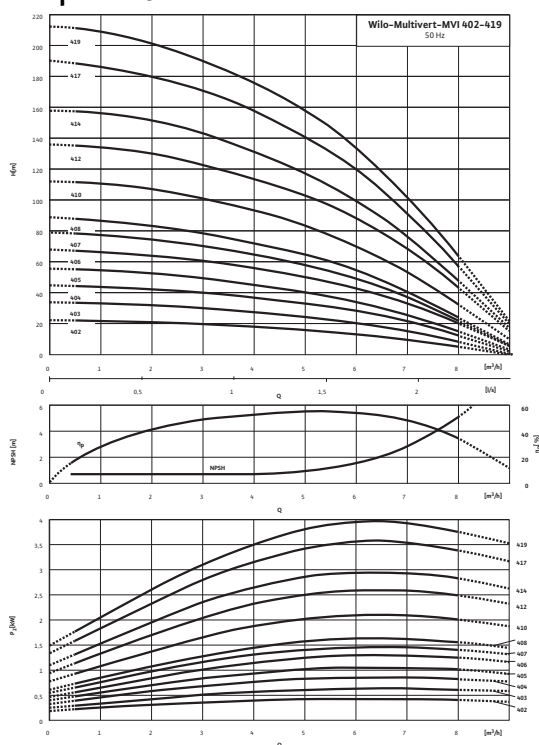
Data sheet: Wilo-Multivert MVI 410 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 412 (3~400 V, FKM, PN 25)

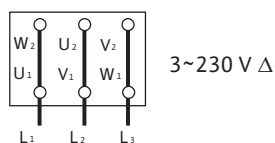
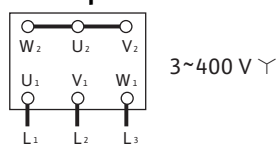
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 412
Art no.	4019073

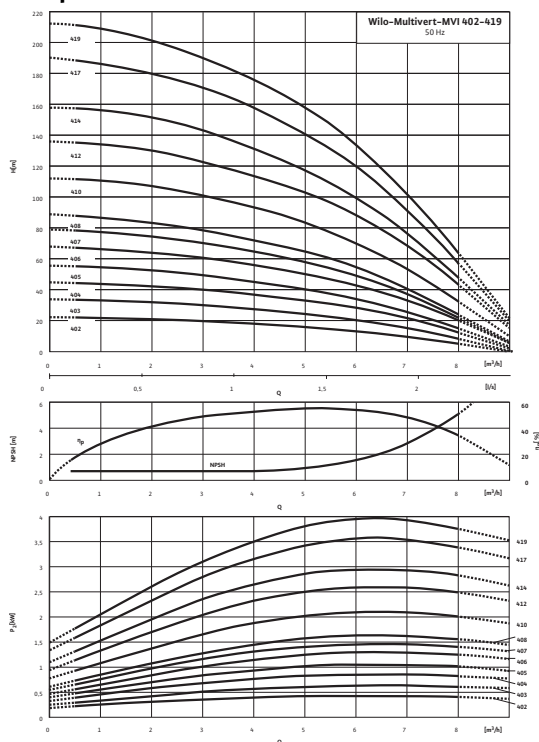
Data sheet: Wilo-Multivert MVI 412 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 414 (3~400 V, FKM, PN 25)

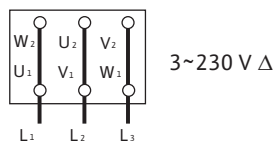
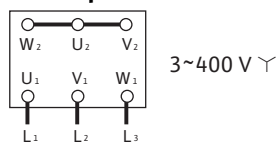
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 414
Art no.	4019074

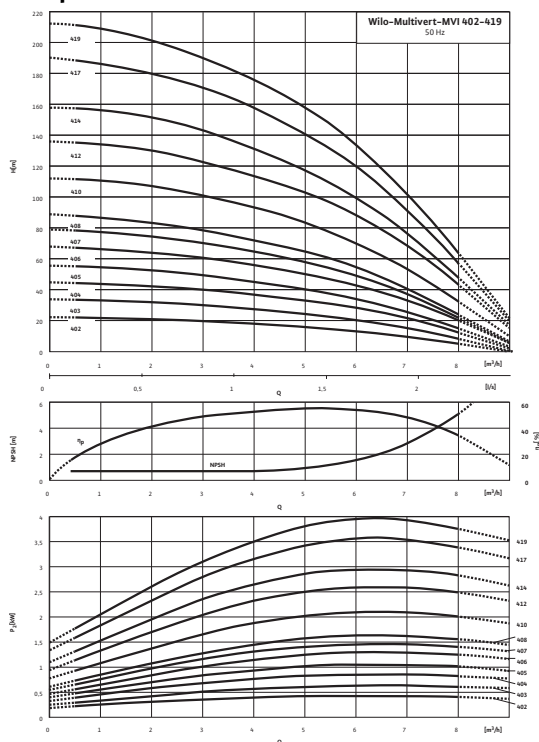
Data sheet: Wilo-Multivert MVI 414 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 417 (3~400 V, FKM, PN 25)

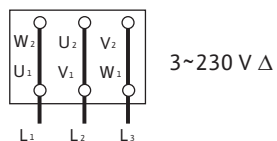
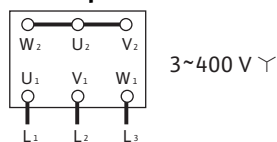
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 417
Art no.	4019075

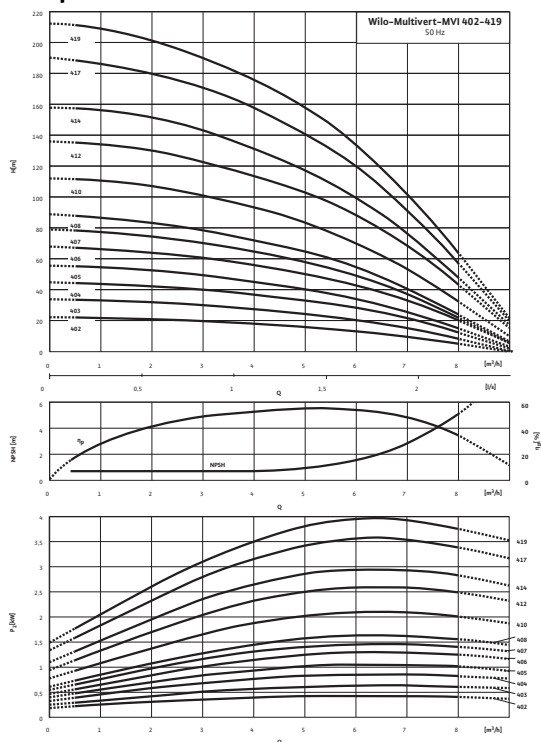
Data sheet: Wilo-Multivert MVI 417 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 419 (3~400 V, FKM, PN 25)

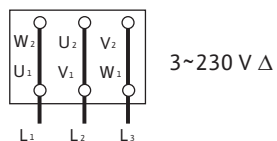
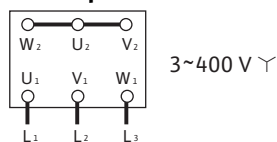
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 419
Art no.	4019076

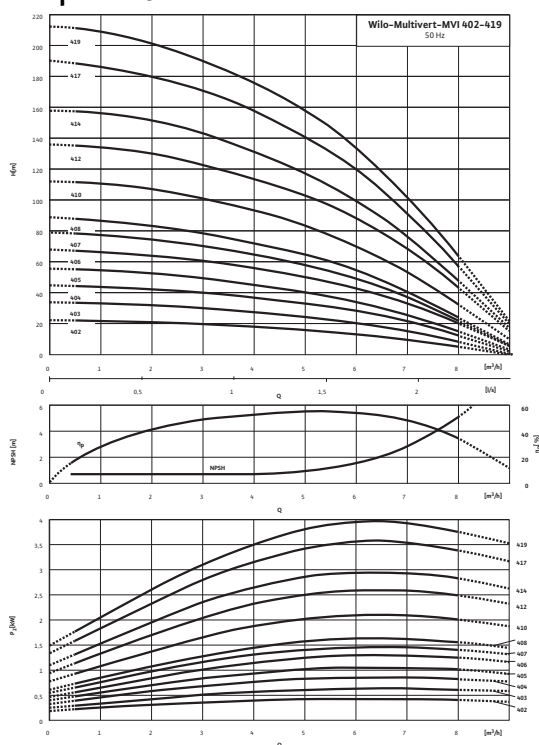
Data sheet: Wilo-Multivert MVI 419 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 402 (3~400 V, FKM, PN 25, Victaulic)

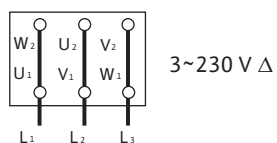
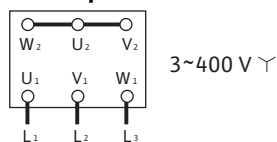
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	0.73 kW
Nominal current 3~230 V, 50 Hz	I_N	2.27 A
Nominal current 3~400 V, 50 Hz	I_N	1.31 A
Motor efficiency	$\eta_{m, 50\%}$	73.0 %
Motor efficiency	$\eta_{m, 75\%}$	75.0 %
Motor efficiency	$\eta_{m, 100\%}$	75.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 402
Art no.	4032780

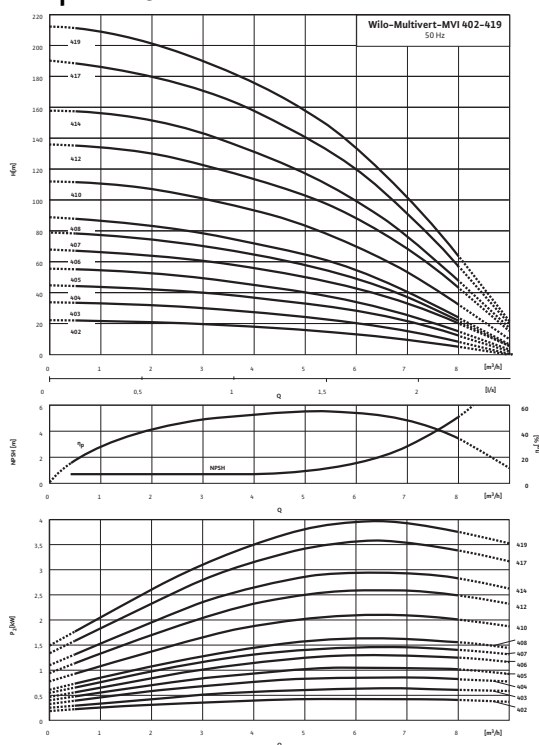
Data sheet: Wilo-Multivert MVI 402 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	20.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 403 (3~400 V, FKM, PN 25, Victaulic)

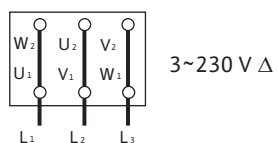
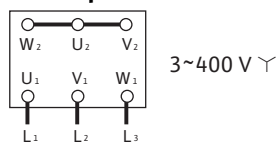
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 403
Art no.	4032781

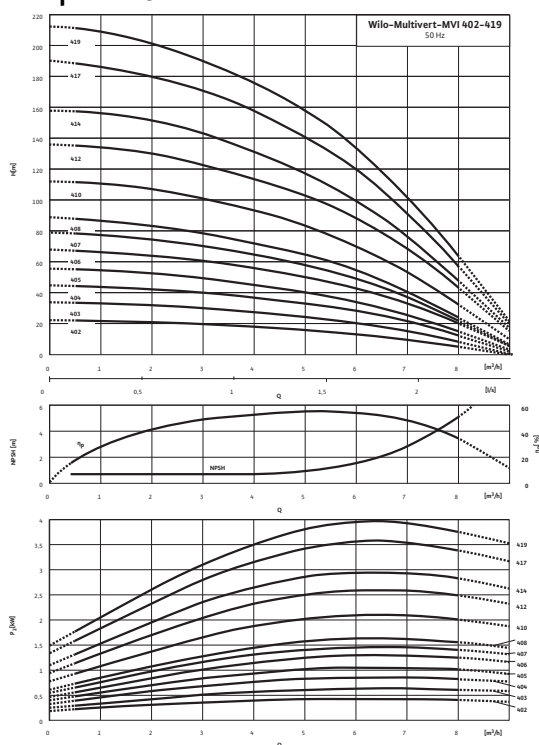
Data sheet: Wilo-Multivert MVI 403 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	22.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 404 (3~400 V, FKM, PN 25, Victaulic)

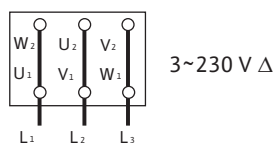
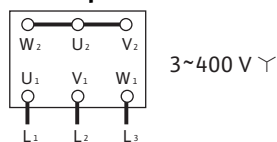
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 404
Art no.	4032782

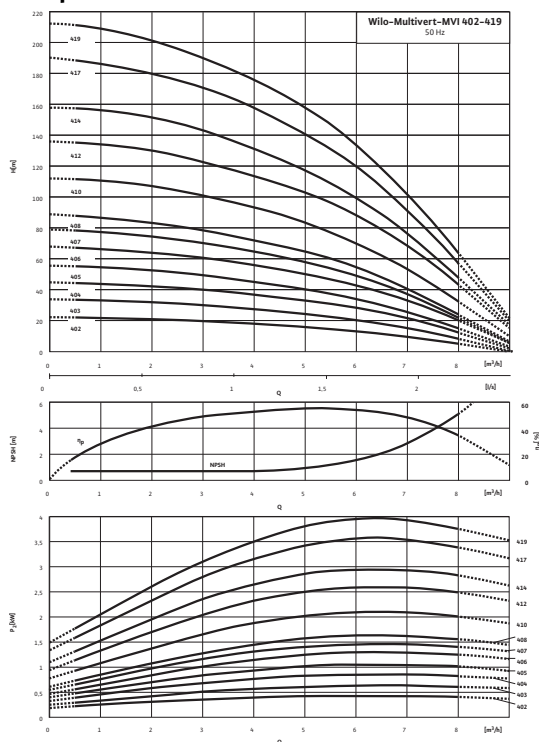
Data sheet: Wilo-Multivert MVI 404 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 405 (3~400 V, FKM, PN 25, Victaulic)

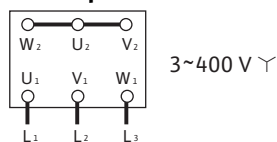
Pump curves



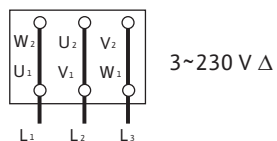
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGg

Information for order placements

Make	Wilo
Type	MVI 405
Art no.	4032783

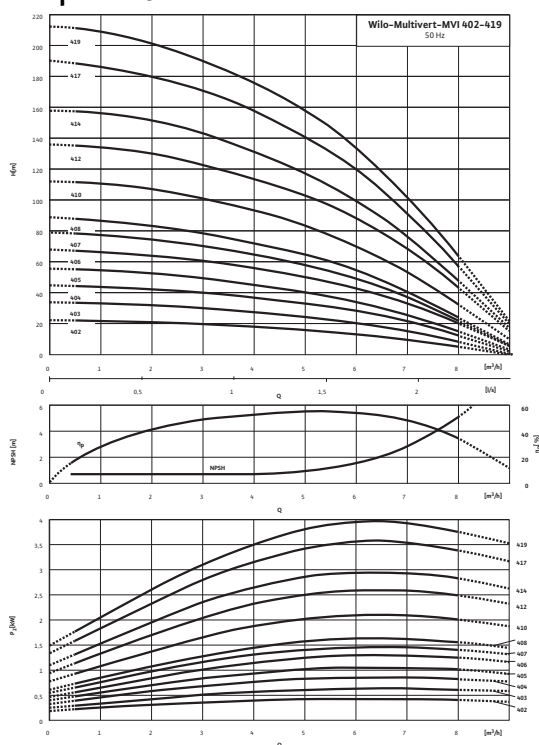
Data sheet: Wilo-Multivert MVI 405 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	27.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 406 (3~400 V, FKM, PN 25, Victaulic)

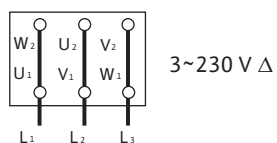
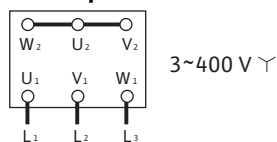
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 406
Art no.	4032784

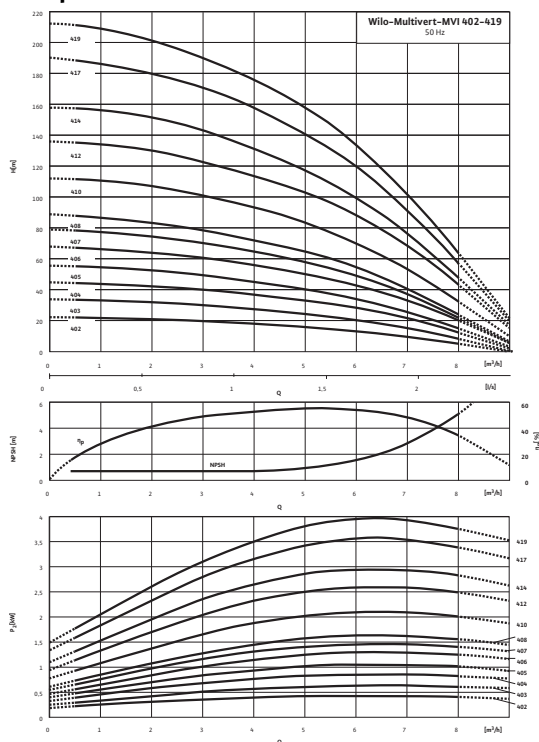
Data sheet: Wilo-Multivert MVI 406 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 407 (3~400 V, FKM, PN 25, Victaulic)

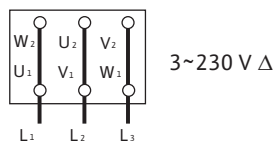
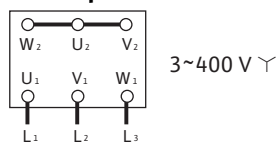
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGg

Information for order placements

Make	Wilo
Type	MVI 407
Art no.	4032785

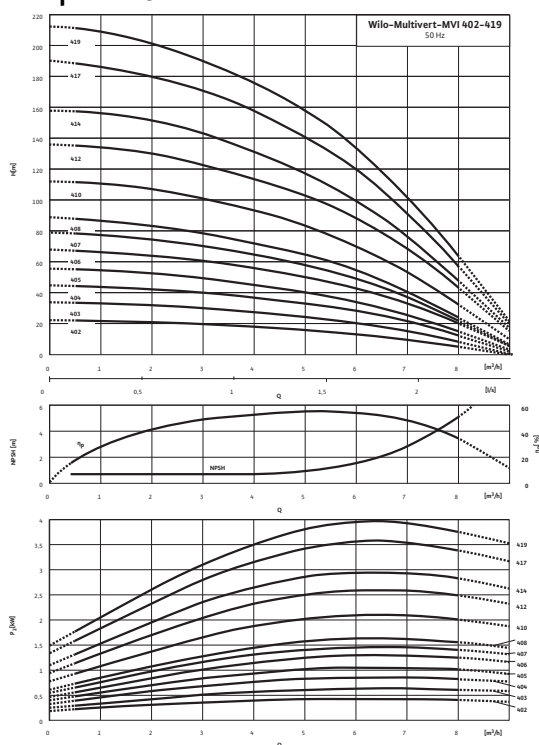
Data sheet: Wilo-Multivert MVI 407 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 408 (3~400 V, FKM, PN 25, Victaulic)

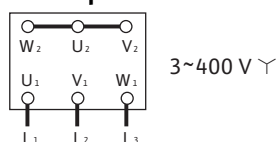
Pump curves



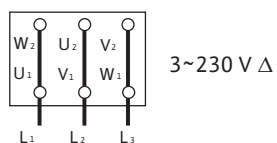
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 408
Art no.	4032786

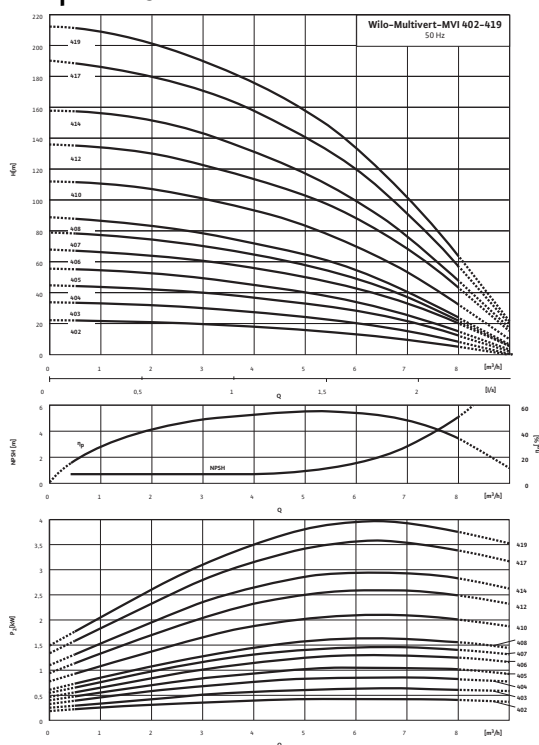
Data sheet: Wilo-Multivert MVI 408 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 410 (3~400 V, FKM, PN 25, Victaulic)

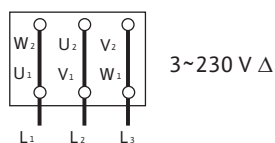
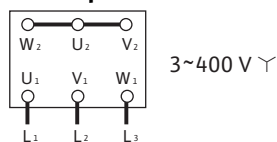
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 410
Art no.	4032787

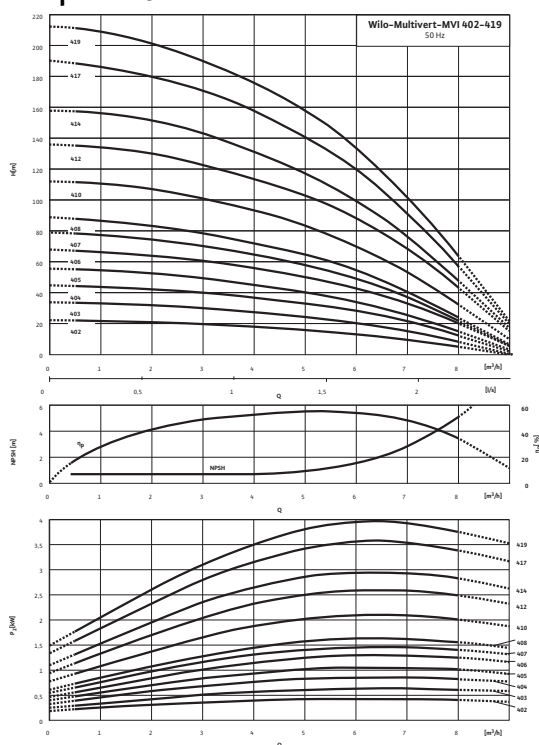
Data sheet: Wilo-Multivert MVI 410 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 412 (3~400 V, FKM, PN 25, Victaulic)

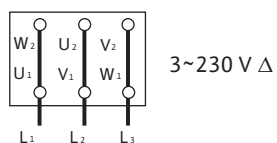
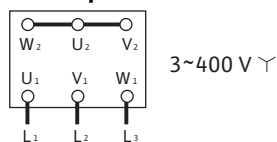
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 412
Art no.	4032788

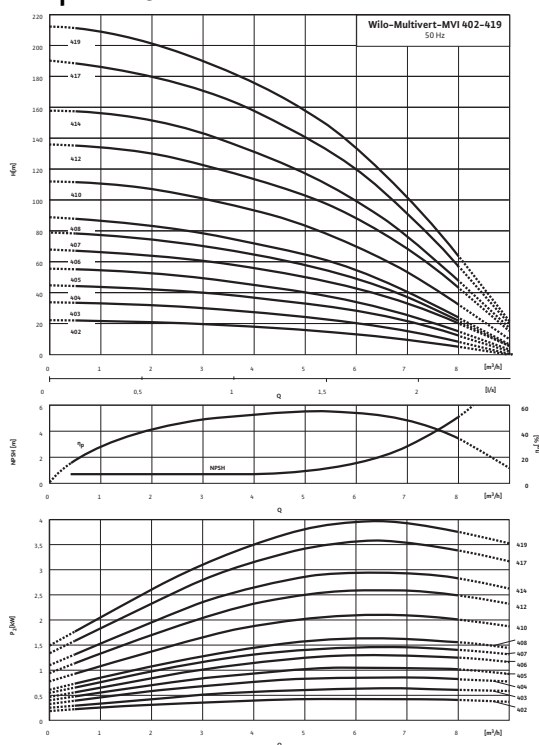
Data sheet: Wilo-Multivert MVI 412 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 414 (3~400 V, FKM, PN 25, Victaulic)

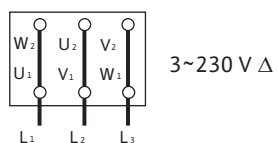
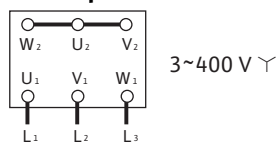
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 414
Art no.	4032789

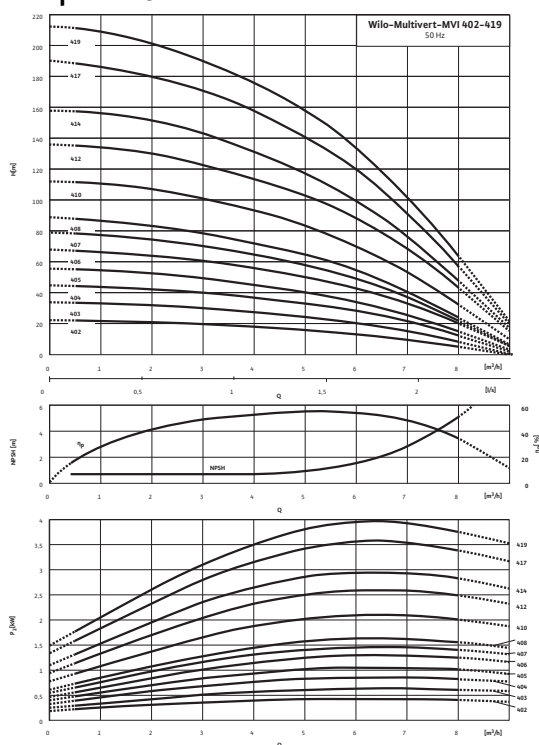
Data sheet: Wilo-Multivert MVI 414 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	49.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 417 (3~400 V, FKM, PN 25, Victaulic)

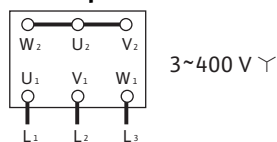
Pump curves



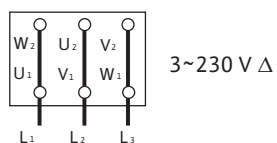
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 417
Art no.	4032791

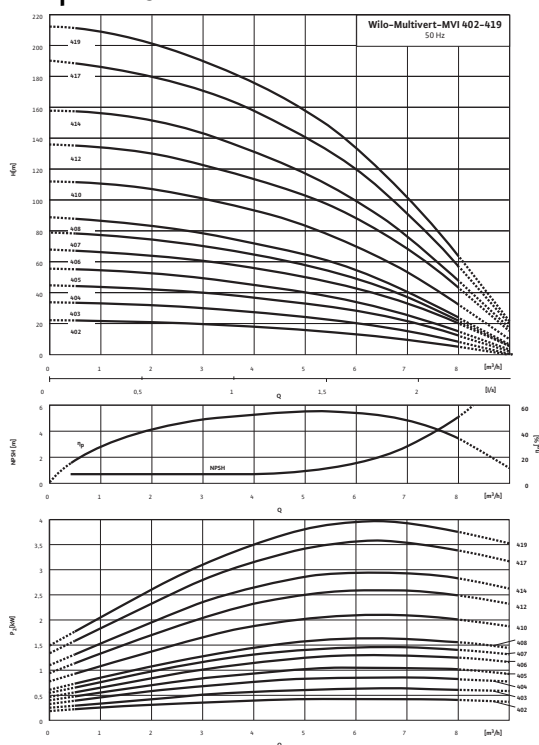
Data sheet: Wilo-Multivert MVI 417 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 419 (3~400 V, FKM, PN 25, Victaulic)

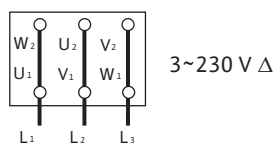
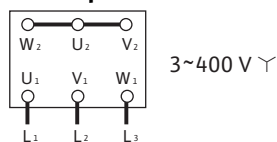
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 32	
Flange nominal diameter (on the suction side)	DN 32	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 419
Art no.	4032792

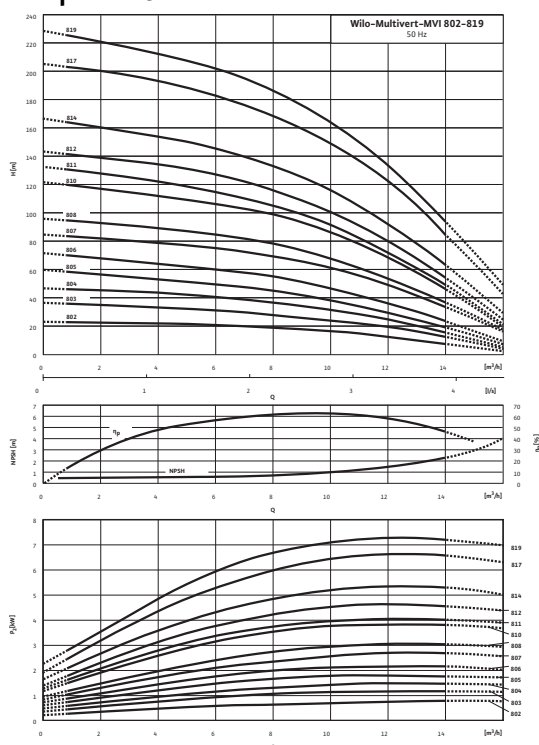
Data sheet: Wilo-Multivert MVI 419 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	48.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (1~230 V, EPDM, PN 16)

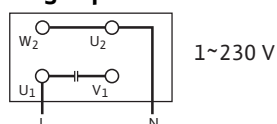
Pump curves



Pump curves in accordance with ISO 9906, class 2

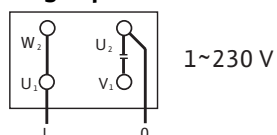
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	$\eta_{m100\%}$	70.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

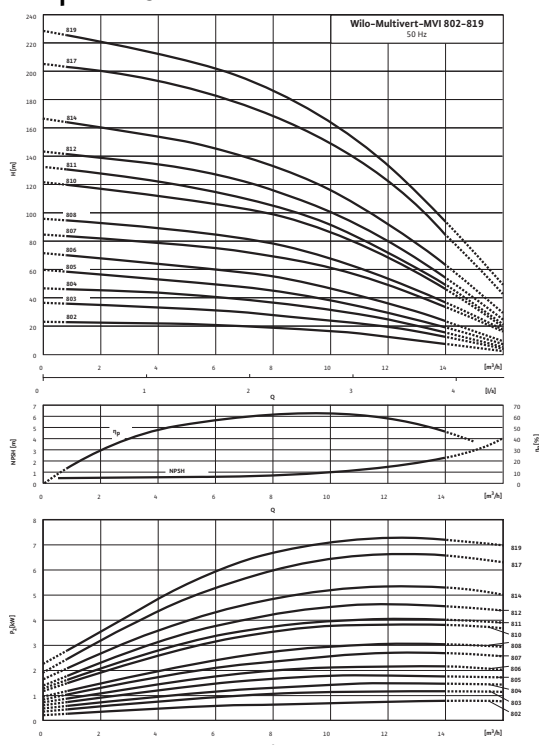
Information for order placements

Make	Wilo	
Type	MVI 802	
Art no.	4018790	
Weight approx.	m	22.6 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (1~230 V, EPDM, PN 16)

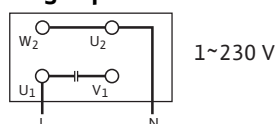
Pump curves



Pump curves in accordance with ISO 9906, class 2

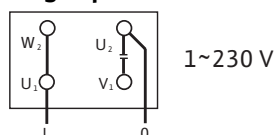
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

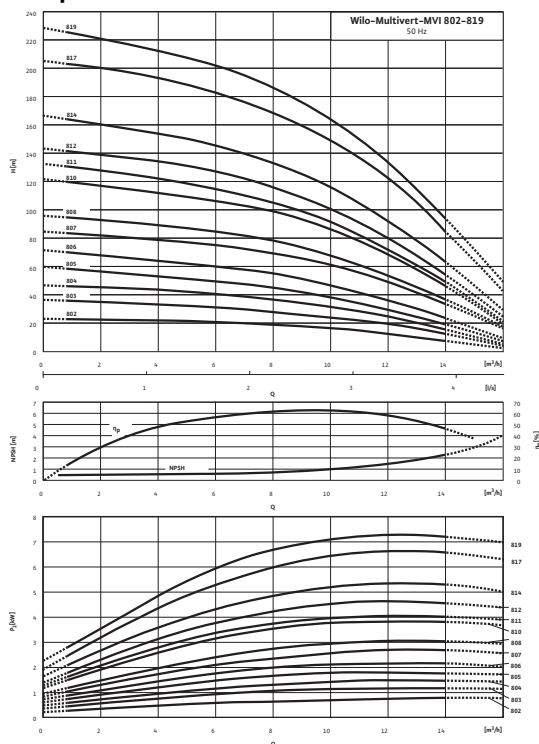
Information for order placements

Make	Wilo	
Type	MVI 804	
Art no.	4018792	
Weight approx.	m	34.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (1~230 V, EPDM, PN 16)

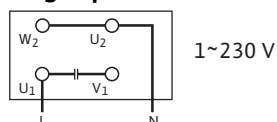
Pump curves



Pump curves in accordance with ISO 9906, class 2

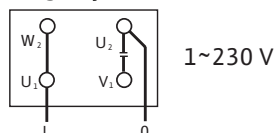
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m100\%}$	73.0 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

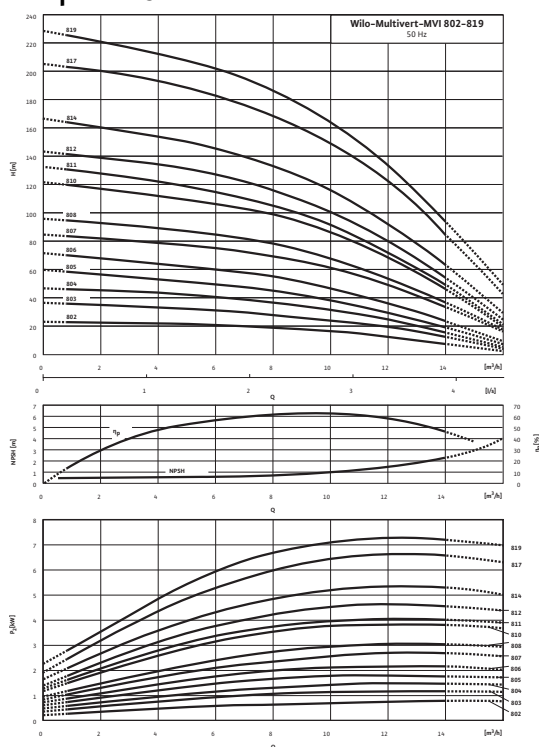
Information for order placements

Make	Wilo	
Type	MVI 803	
Art no.	4018791	
Weight approx.	m	25.1 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (3~400 V, EPDM, PN 16)

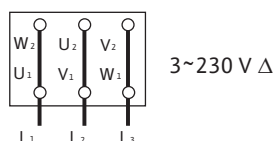
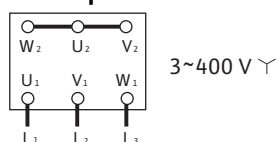
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 802
Art no.	4024723

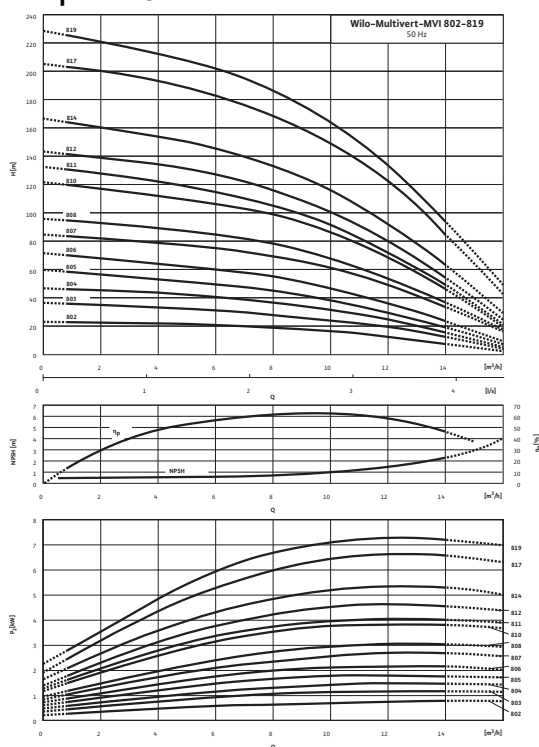
Data sheet: Wilo-Multivert MVI 802 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	23.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (3~400 V, EPDM, PN 16)

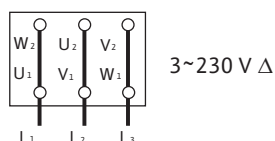
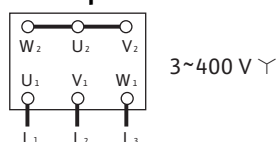
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 803
Art no.	4024725

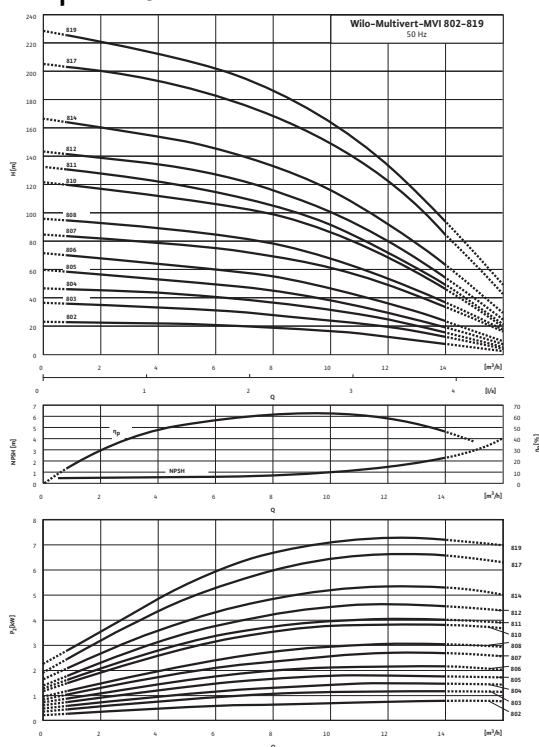
Data sheet: Wilo-Multivert MVI 803 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (3~400 V, EPDM, PN 16)

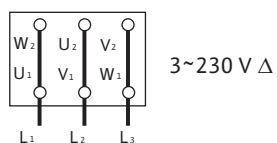
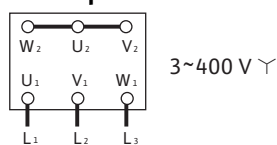
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 804
Art no.	4024727

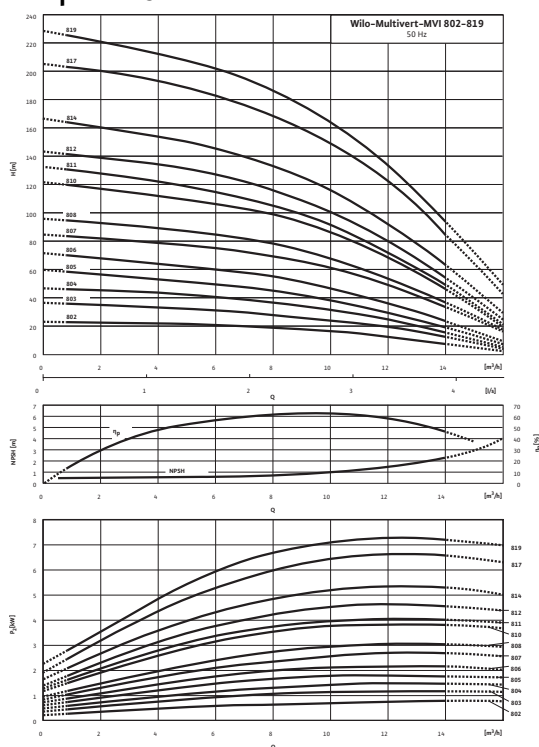
Data sheet: Wilo-Multivert MVI 804 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 805 (3~400 V, EPDM, PN 16)

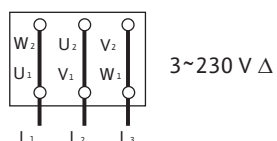
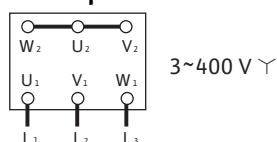
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 805
Art no.	4024729

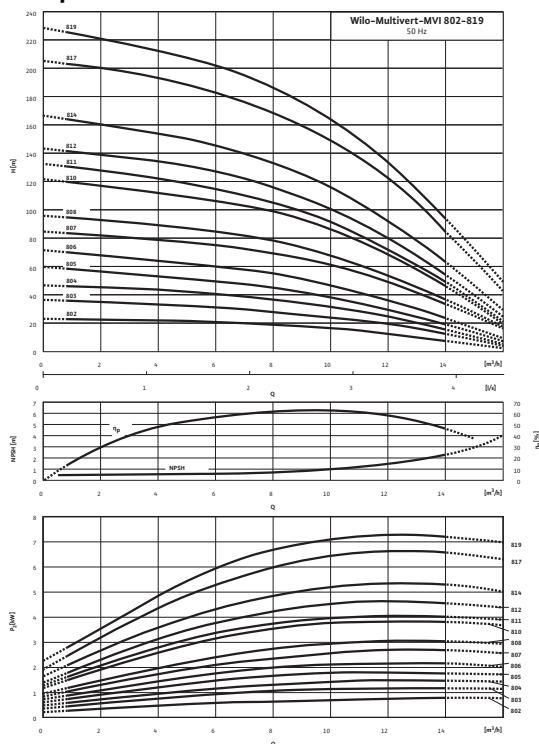
Data sheet: Wilo-Multivert MVI 805 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 806 (3~400 V, EPDM, PN 16)

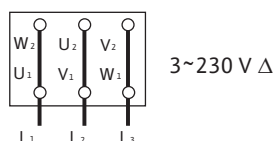
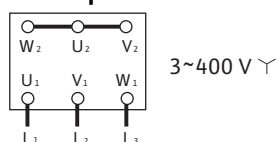
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 806
Art no.	4024731

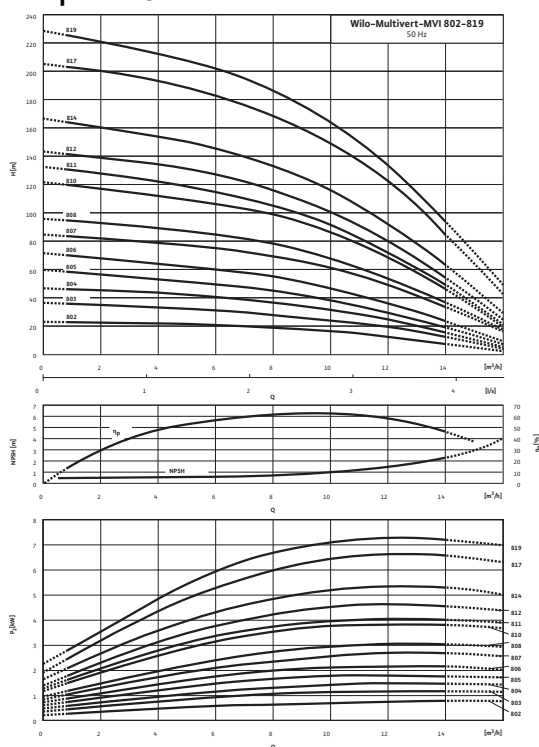
Data sheet: Wilo-Multivert MVI 806 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 807 (3~400 V, EPDM, PN 16)

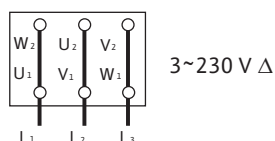
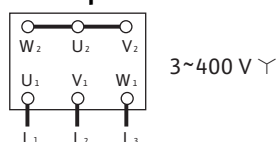
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 807
Art no.	4024733

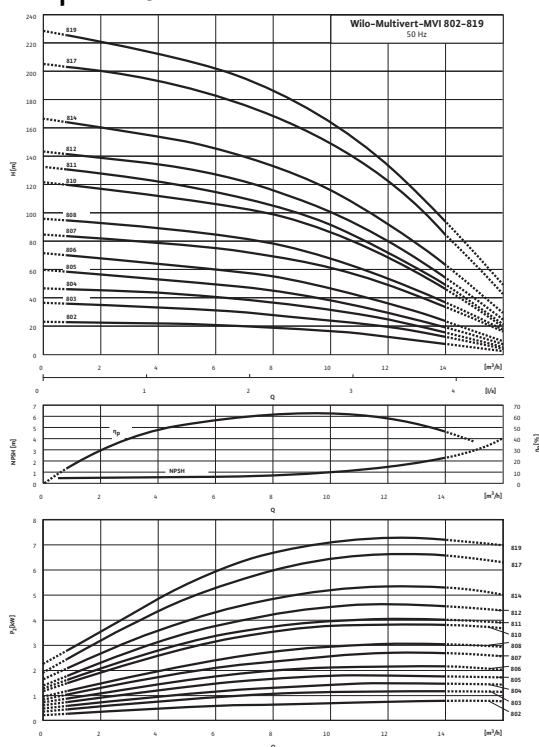
Data sheet: Wilo-Multivert MVI 807 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 808 (3~400 V, EPDM, PN 16)

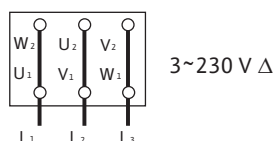
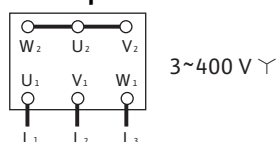
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 808
Art no.	4024735

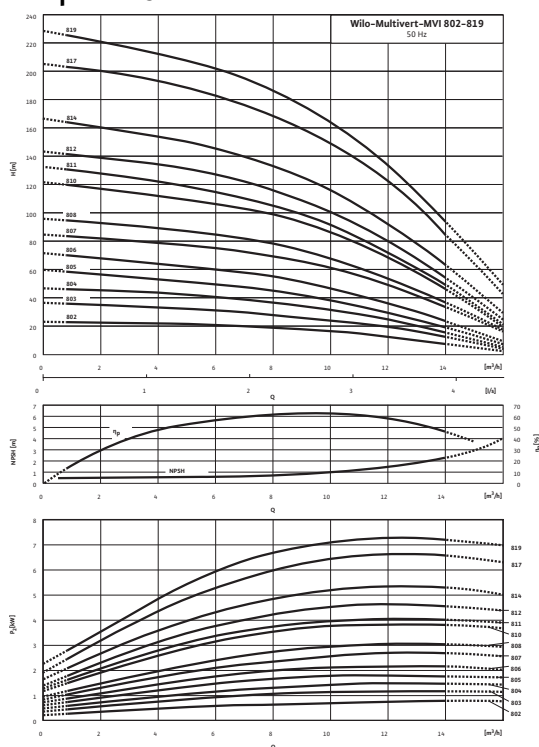
Data sheet: Wilo-Multivert MVI 808 (3~400 V, EPDM, PN 16)

Weight approx.	m	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 810 (3~400 V, EPDM, PN 16)

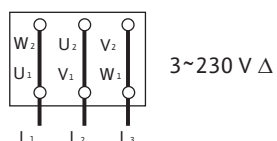
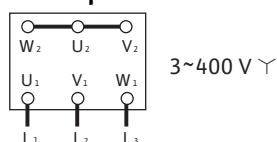
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 810
Art no.	4024737

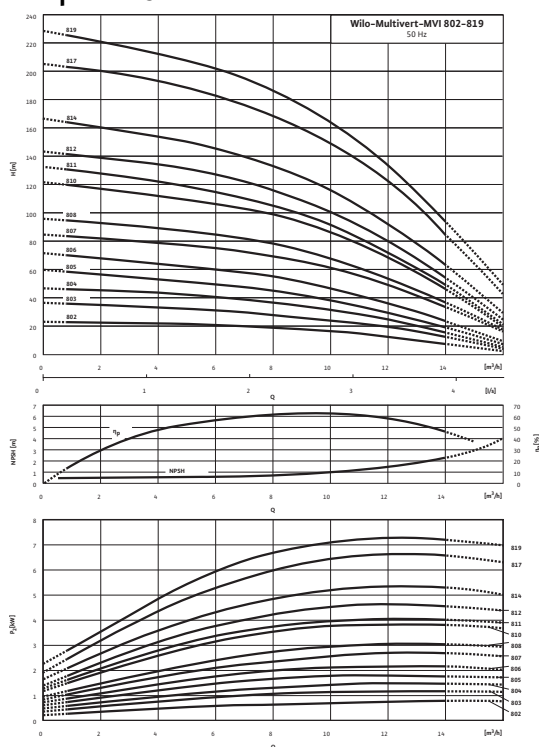
Data sheet: Wilo-Multivert MVI 810 (3~400 V, EPDM, PN 16)

Weight approx.	<i>m</i>	44.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 811 (3~400 V, EPDM, PN 16)

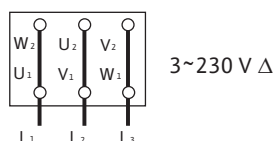
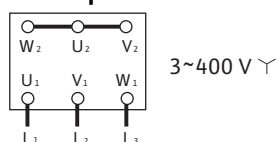
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 811
Art no.	4024739

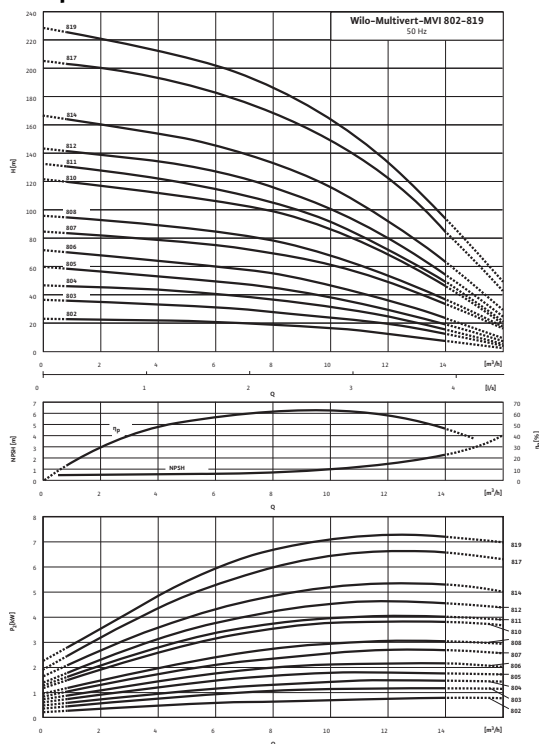
Data sheet: Wilo-Multivert MVI 811 (3~400 V, EPDM, PN 16)

Weight approx.	m	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 812 (3~400 V, EPDM, PN 16)

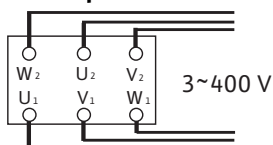
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Nominal diameter, oval flange (on the pressure side)	G 1½	
Nominal diameter, oval flange (on the suction side)	G 1½	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

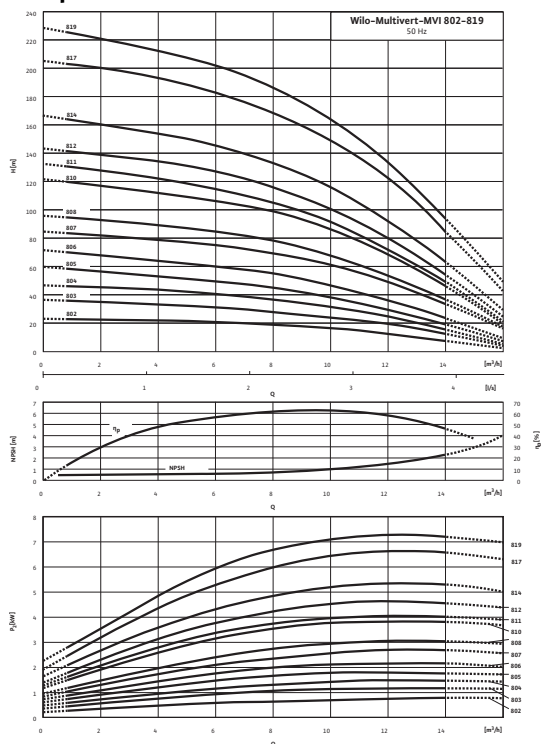
Information for order placements

Make	Wilo	
Type	MVI 812	
Art no.	4024741	
Weight approx.	m	58.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (1~230 V, EPDM, PN 25)

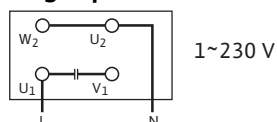
Pump curves



Pump curves in accordance with ISO 9906, class 2

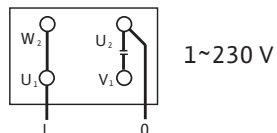
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	$\eta_{m, 100\%}$	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

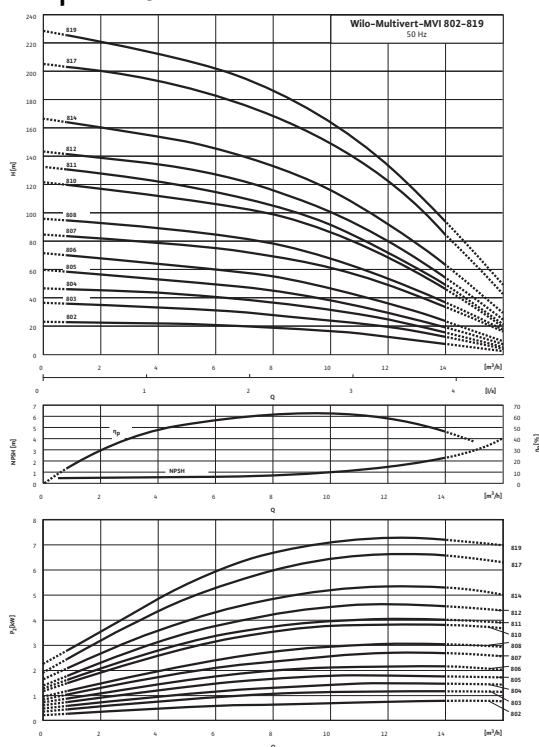
Information for order placements

Make	Wilo	
Type	MVI 802	
Art no.	4018805	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (1~230 V, EPDM, PN 25)

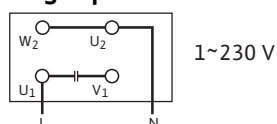
Pump curves



Pump curves in accordance with ISO 9906, class 2

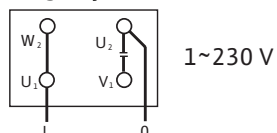
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

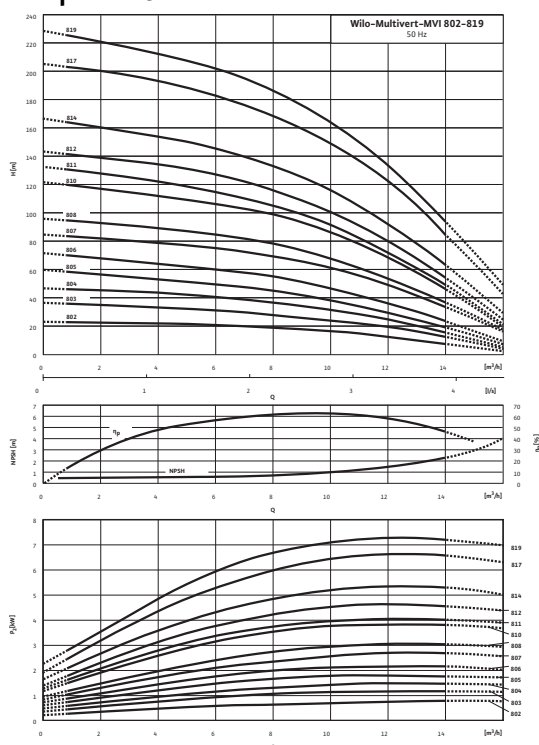
Information for order placements

Make	Wilo	
Type	MVI 803	
Art no.	4018806	
Weight approx.	m	25.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (1~230 V, EPDM, PN 25)

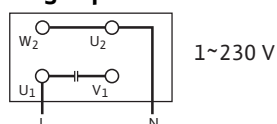
Pump curves



Pump curves in accordance with ISO 9906, class 2

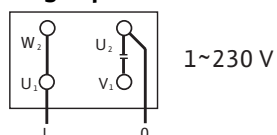
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

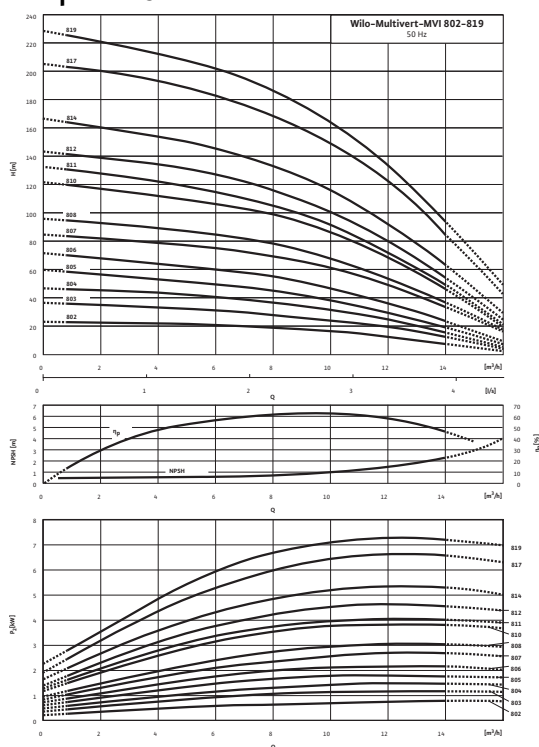
Information for order placements

Make	Wilo	
Type	MVI 804	
Art no.	4018807	
Weight approx.	m	34.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (3~400 V, EPDM, PN 25)

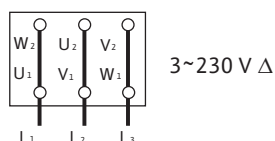
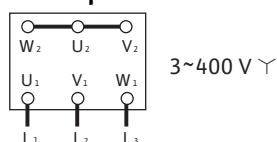
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 802
Art no.	4024745

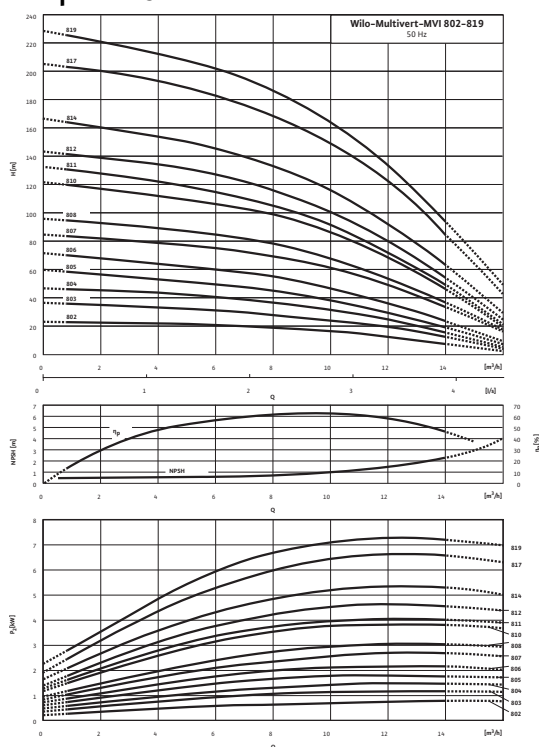
Data sheet: Wilo-Multivert MVI 802 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	24.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (3~400 V, EPDM, PN 25)

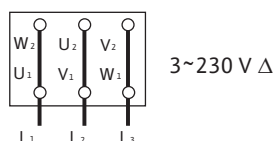
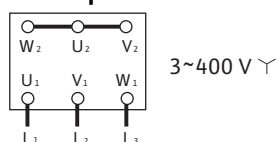
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 803
Art no.	4024746

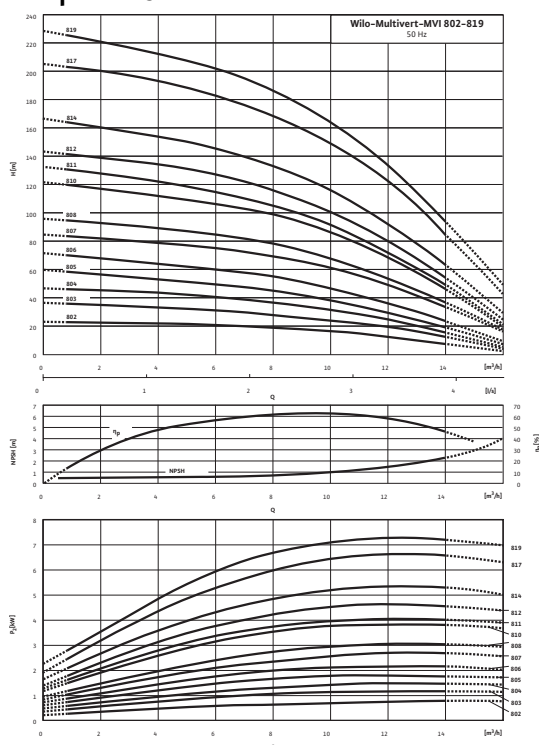
Data sheet: Wilo-Multivert MVI 803 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (3~400 V, EPDM, PN 25)

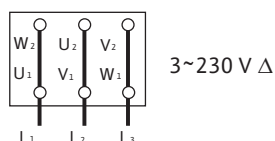
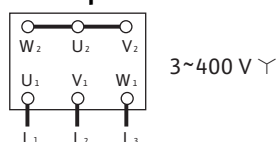
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 804
Art no.	4024747

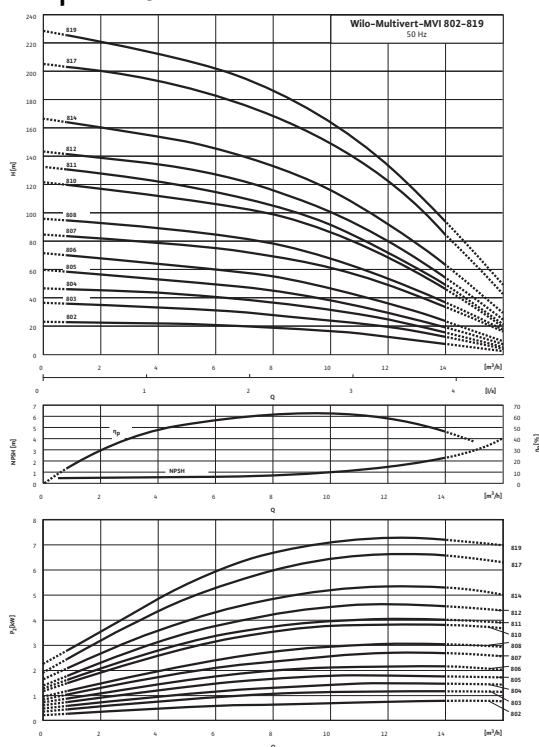
Data sheet: Wilo-Multivert MVI 804 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 805 (3~400 V, EPDM, PN 25)

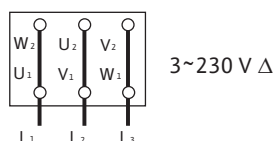
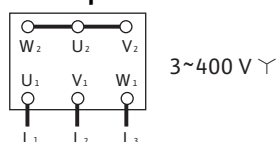
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

Information for order placements

Make	Wilo
Type	MVI 805
Art no.	4024748

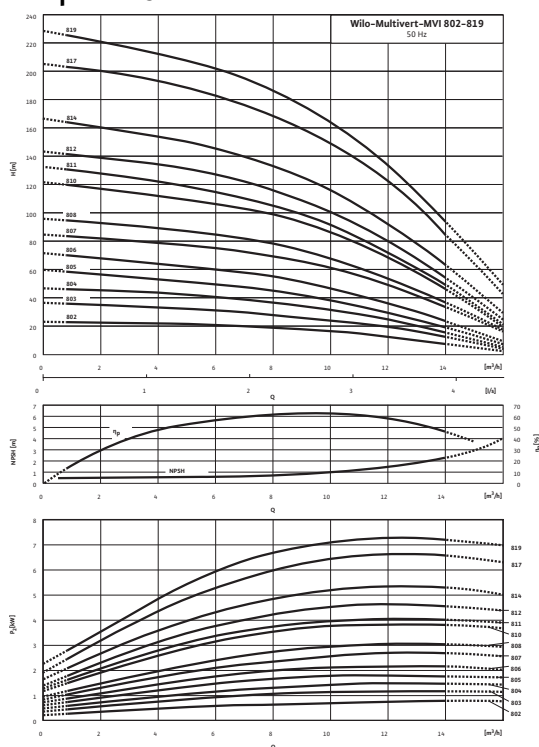
Data sheet: Wilo-Multivert MVI 805 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 806 (3~400 V, EPDM, PN 25)

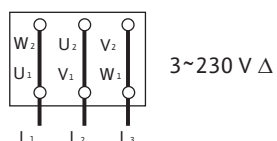
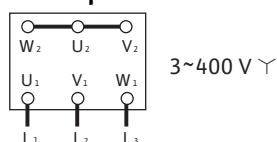
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 806
Art no.	4024749

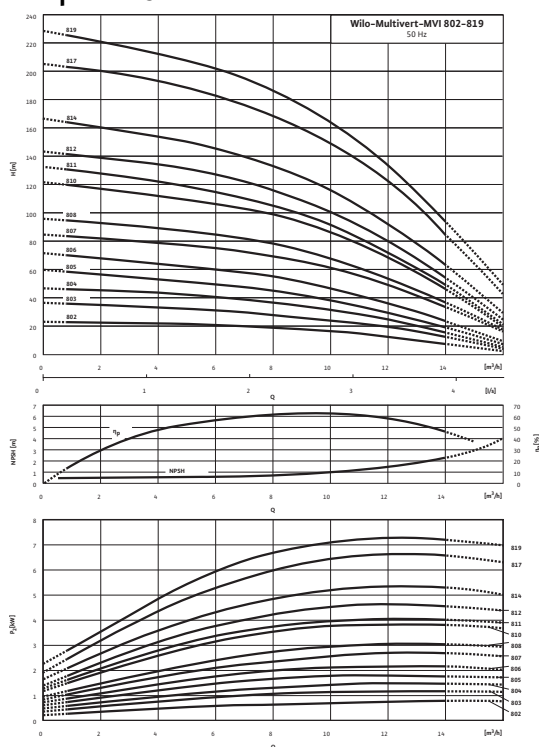
Data sheet: Wilo-Multivert MVI 806 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 807 (3~400 V, EPDM, PN 25)

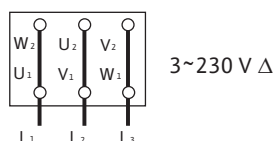
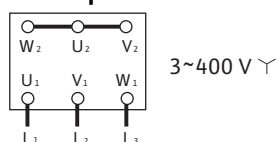
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 807
Art no.	4024750

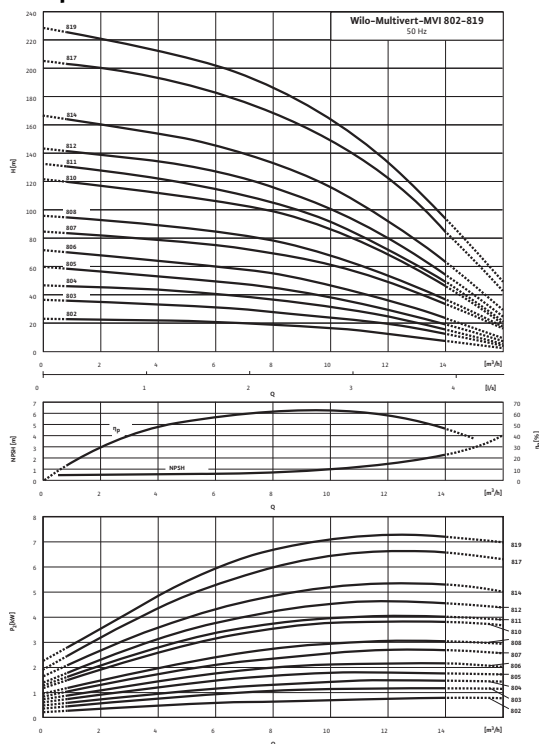
Data sheet: Wilo-Multivert MVI 807 (3~400 V, EPDM, PN 25)

Weight approx.	m	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 808 (3~400 V, EPDM, PN 25)

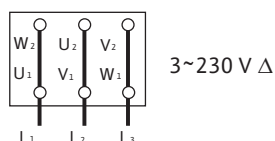
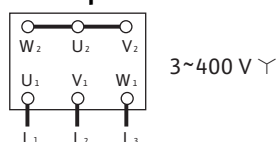
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 808
Art no.	4024751

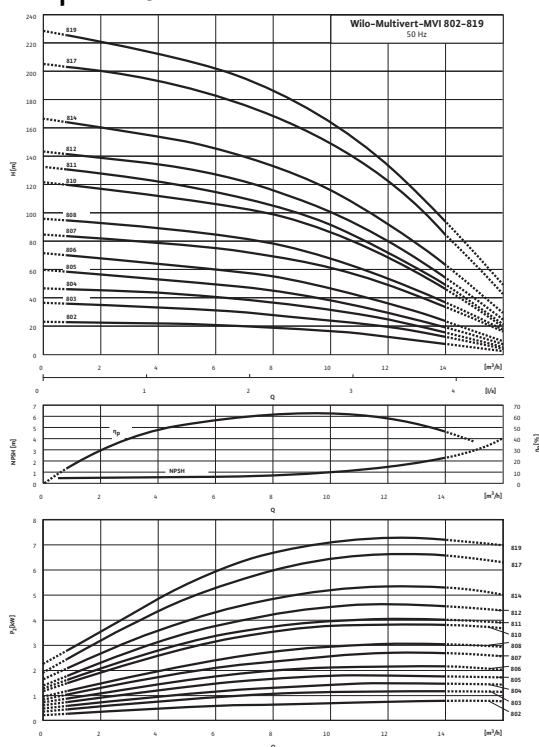
Data sheet: Wilo-Multivert MVI 808 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 810 (3~400 V, EPDM, PN 25)

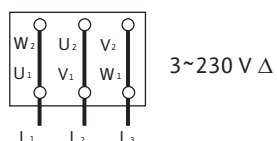
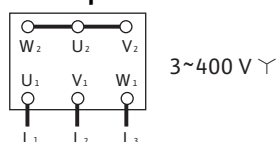
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 810
Art no.	4024752

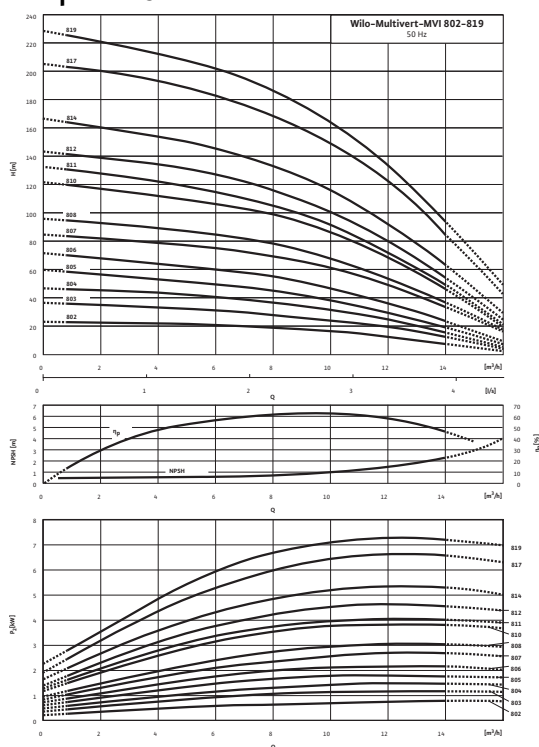
Data sheet: Wilo-Multivert MVI 810 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 811 (3~400 V, EPDM, PN 25)

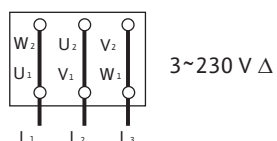
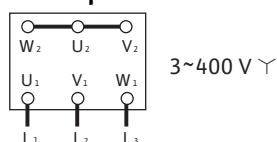
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 811
Art no.	4024753

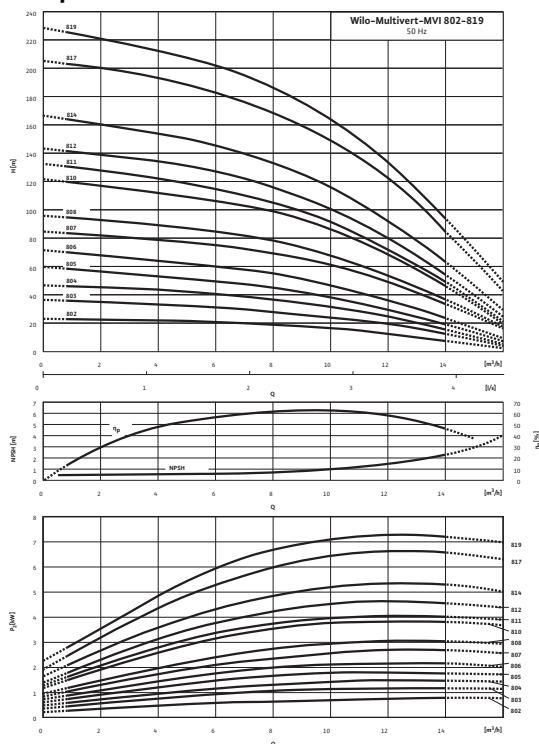
Data sheet: Wilo-Multivert MVI 811 (3~400 V, EPDM, PN 25)

Weight approx.	<i>m</i>	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 812 (3~400 V, EPDM, PN 25)

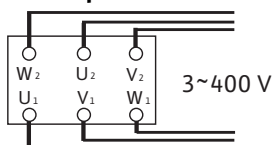
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

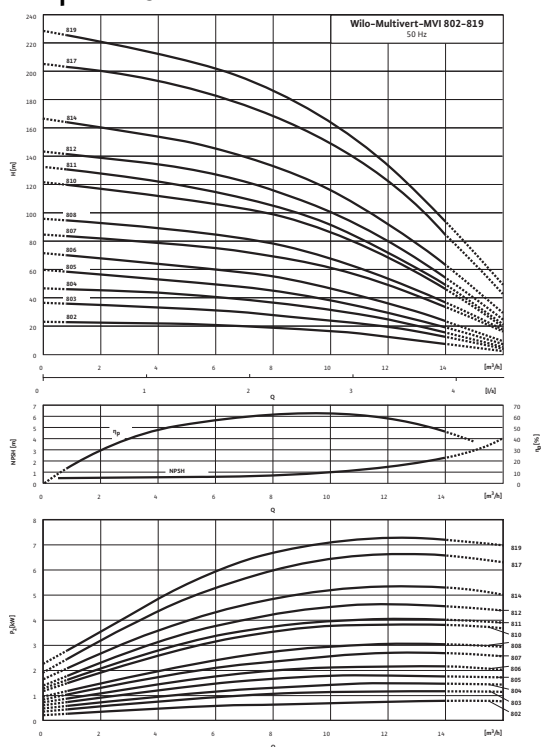
Information for order placements

Make	Wilo	
Type	MVI 812	
Art no.	4024754	
Weight approx.	m	58.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 814 (3~400 V, EPDM, PN 25)

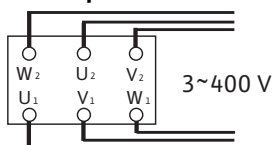
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

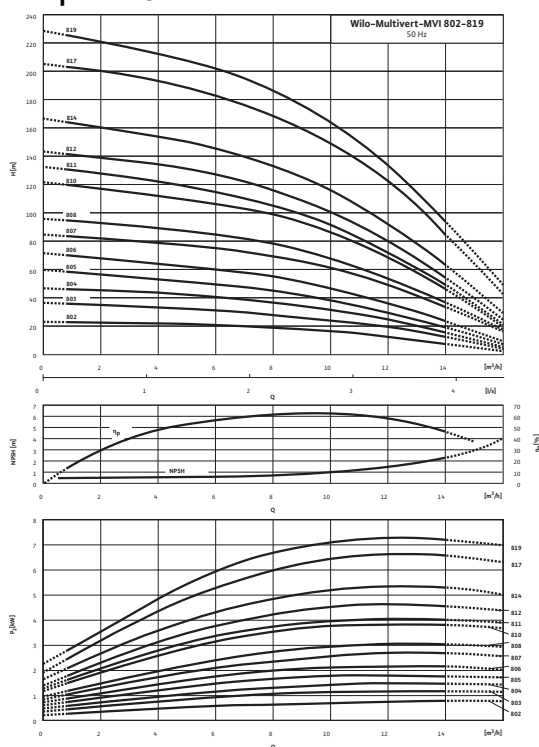
Information for order placements

Make	Wilo	
Type	MVI 814	
Art no.	4024756	
Weight approx.	m	60.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 817 (3~400 V, EPDM, PN 25)

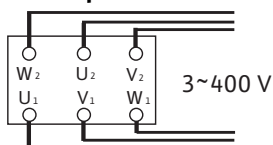
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

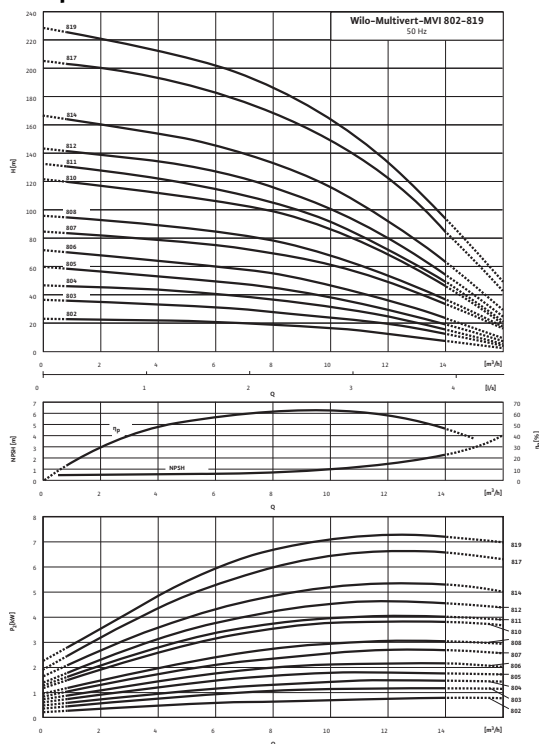
Information for order placements

Make	Wilo	
Type	MVI 817	
Art no.	4024758	
Weight approx.	m	71.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 819 (3~400 V, EPDM, PN 25)

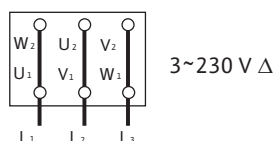
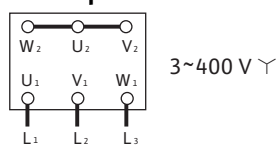
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4301 [AISI304]	
Pump housing	1.4301 [AISI304]	
Pump shaft	1.4301 [AISI304]	
Static seal	EPDM	
Mechanical seal	U3BE3GG	

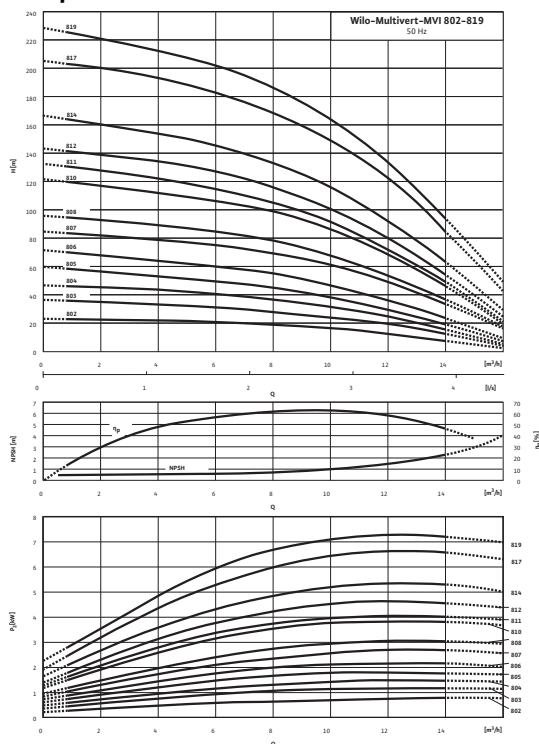
Information for order placements

Make	Wilo	
Type	MVI 819	
Art no.	4024759	
Weight approx.	m	72.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (1~230 V, FKM, PN 25)

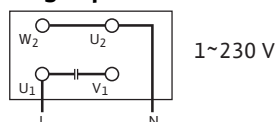
Pump curves



Pump curves in accordance with ISO 9906, class 2

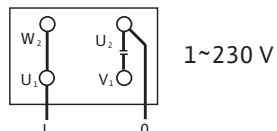
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.06 kW
Nominal current 1~230 V, 50 Hz	I_N	4.85 A
Motor efficiency	$\eta_{m100\%}$	70.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

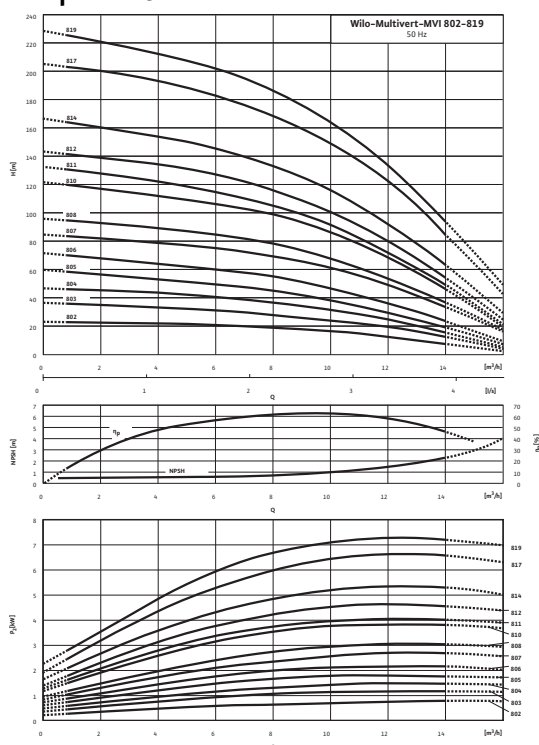
Information for order placements

Make	Wilo	
Type	MVI 802	
Art no.	4019109	
Weight approx.	m	23.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (1~230 V, FKM, PN 25)

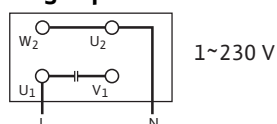
Pump curves



Pump curves in accordance with ISO 9906, class 2

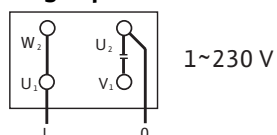
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.49 kW
Nominal current 1~230 V, 50 Hz	I_N	6.6 A
Motor efficiency	$\eta_{m, 100\%}$	73.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

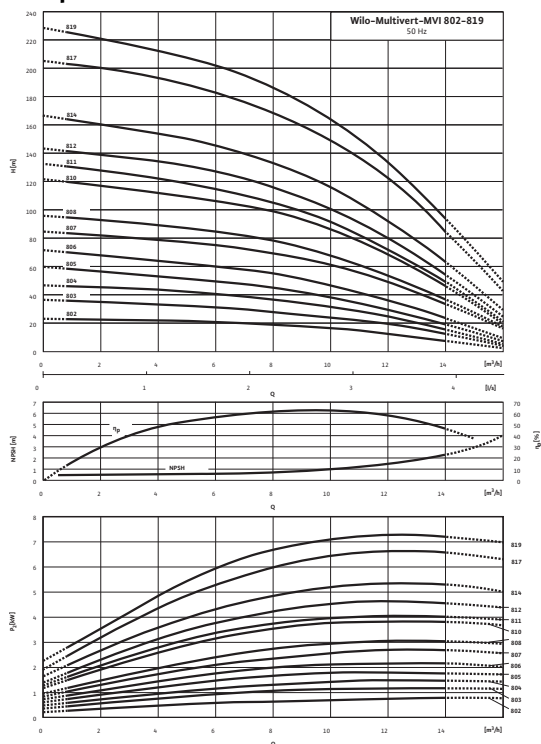
Information for order placements

Make	Wilo	
Type	MVI 803	
Art no.	4019110	
Weight approx.	m	25.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (1~230 V, FKM, PN 25)

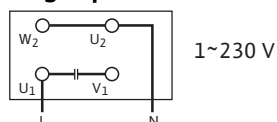
Pump curves



Pump curves in accordance with ISO 9906, class 2

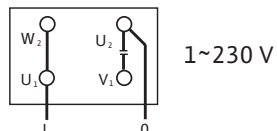
Terminal diagram

Single-phase current



Terminal diagram

Single-phase current at wrong direction of rotation



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	1~230 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.99 kW
Nominal current 1~230 V, 50 Hz	I_N	9.1 A
Motor efficiency	$\eta_{m, 100\%}$	76.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

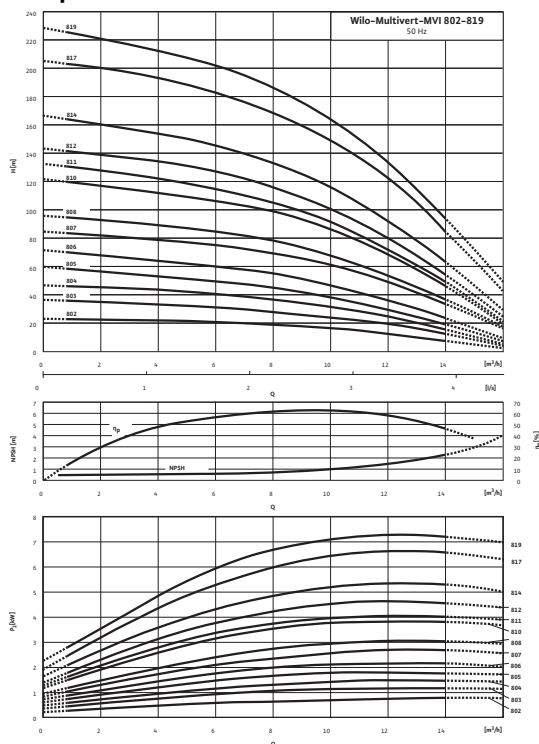
Information for order placements

Make	Wilo	
Type	MVI 804	
Art no.	4019111	
Weight approx.	m	34.4 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (3~400 V, FKM, PN 25)

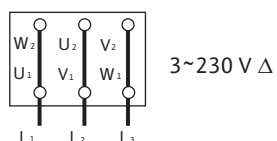
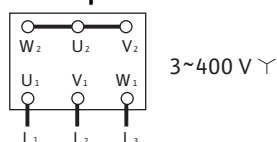
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 802
Art no.	4019077

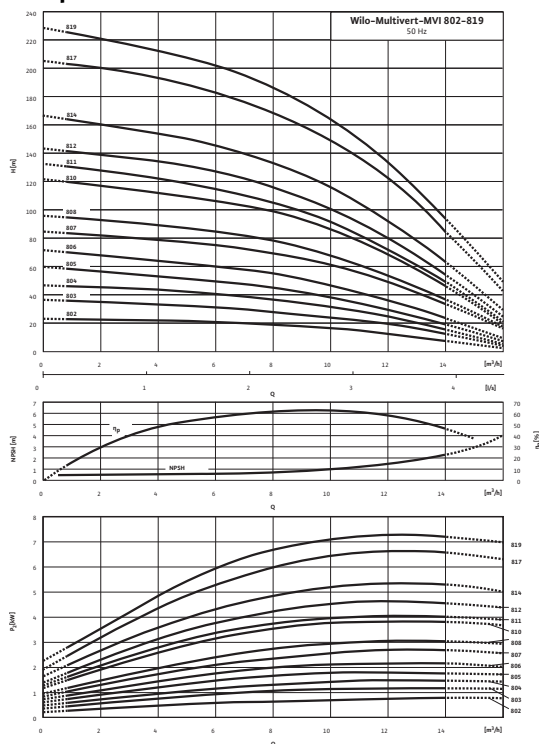
Data sheet: Wilo-Multivert MVI 802 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	24.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (3~400 V, FKM, PN 25)

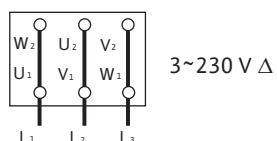
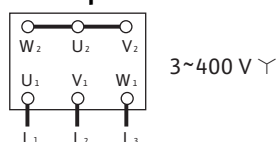
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 803
Art no.	4019078

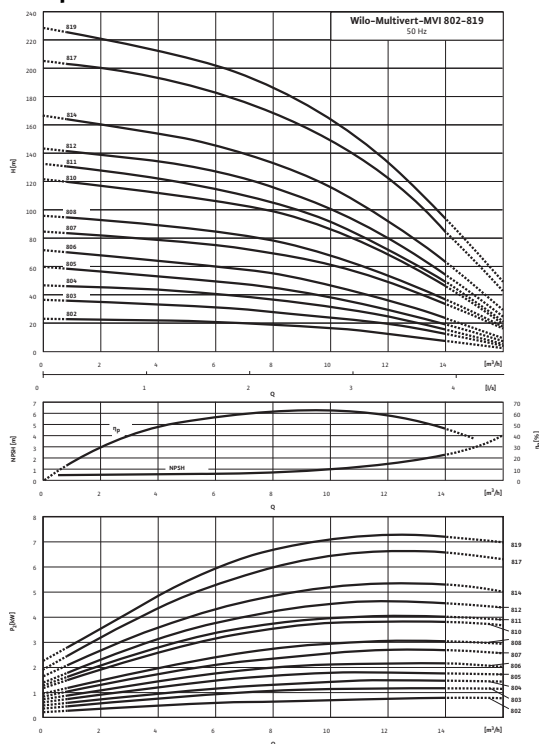
Data sheet: Wilo-Multivert MVI 803 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (3~400 V, FKM, PN 25)

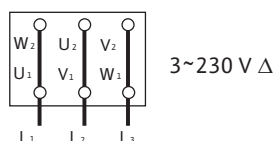
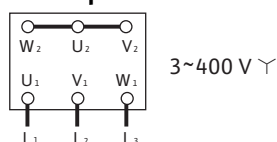
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 804
Art no.	4019079

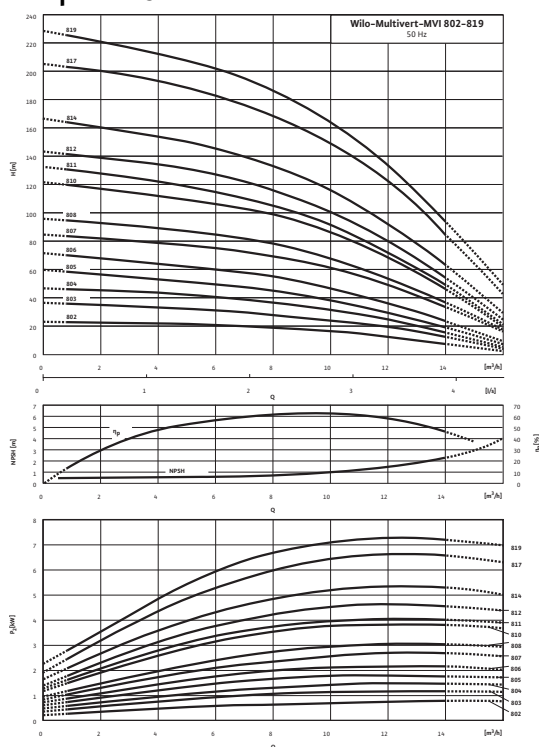
Data sheet: Wilo-Multivert MVI 804 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 805 (3~400 V, FKM, PN 25)

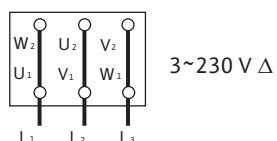
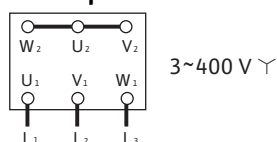
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 805
Art no.	4019080

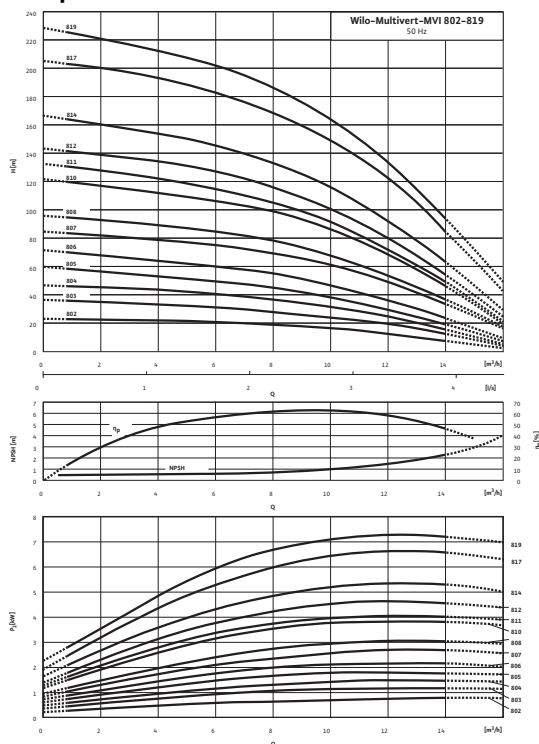
Data sheet: Wilo-Multivert MVI 805 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 806 (3~400 V, FKM, PN 25)

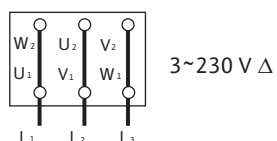
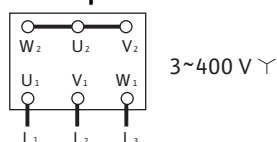
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 806
Art no.	4019081

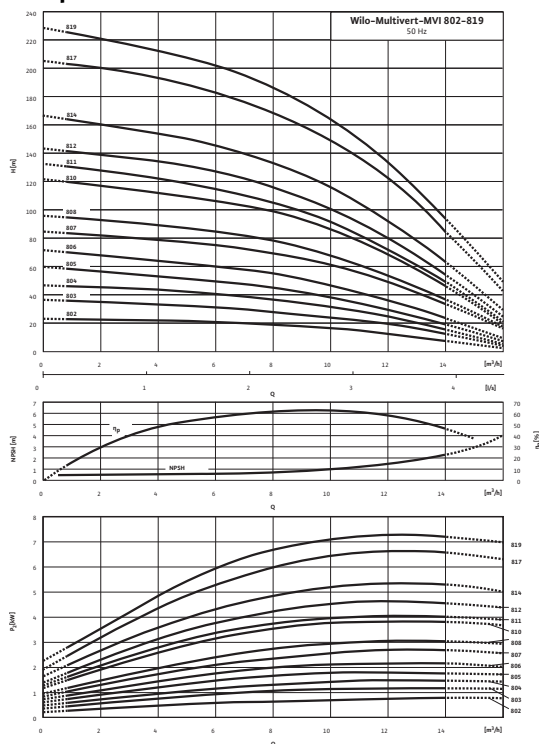
Data sheet: Wilo-Multivert MVI 806 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 807 (3~400 V, FKM, PN 25)

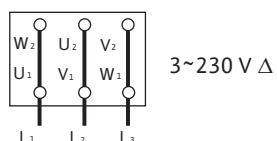
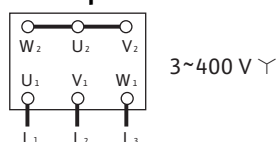
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 807
Art no.	4019082

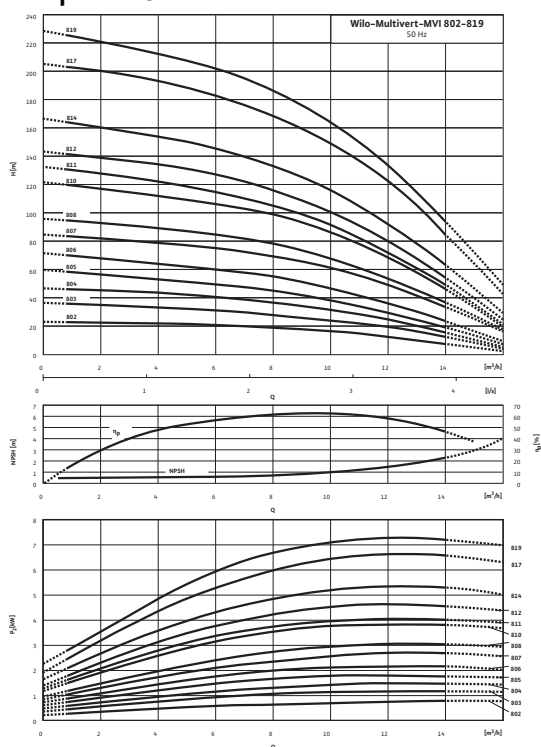
Data sheet: Wilo-Multivert MVI 807 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 808 (3~400 V, FKM, PN 25)

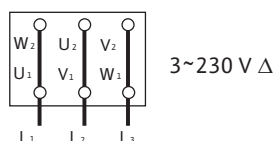
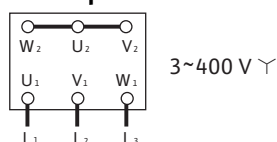
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 808
Art no.	4019083

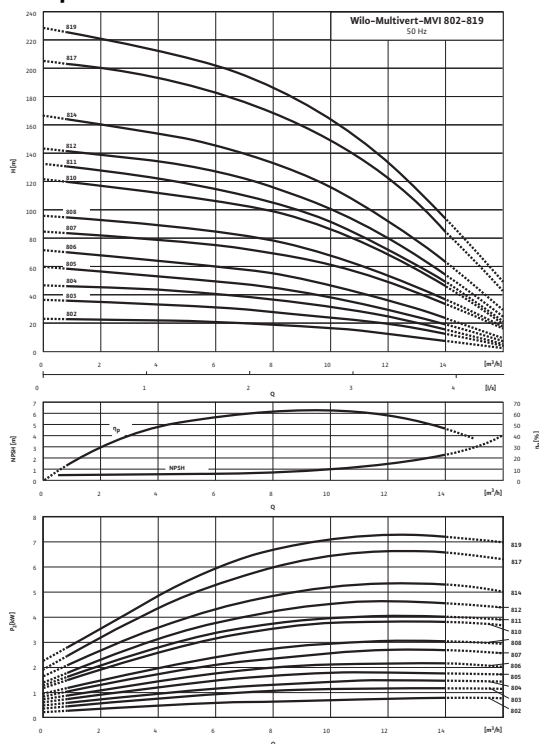
Data sheet: Wilo-Multivert MVI 808 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 810 (3~400 V, FKM, PN 25)

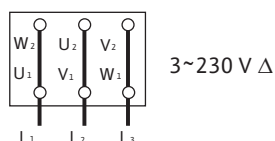
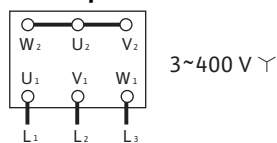
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 810
Art no.	4019084

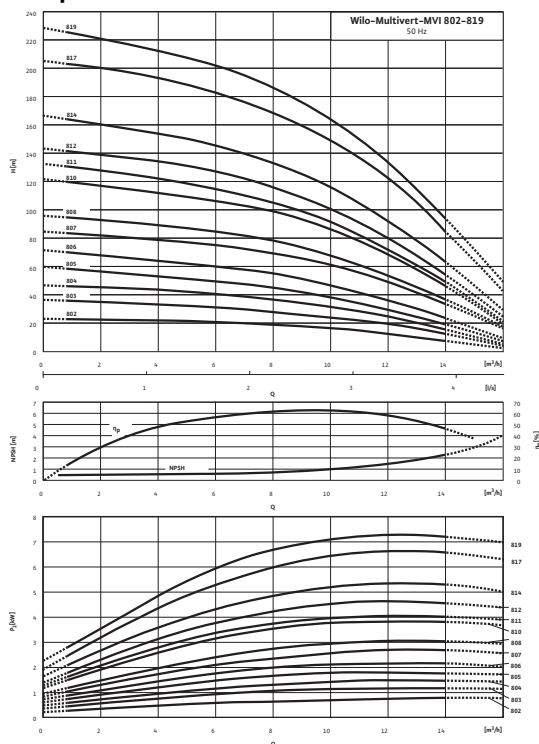
Data sheet: Wilo-Multivert MVI 810 (3~400 V, FKM, PN 25)

Weight approx.	m	44.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 811 (3~400 V, FKM, PN 25)

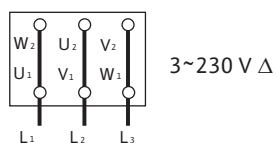
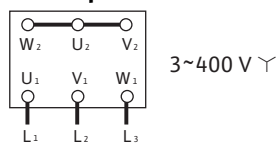
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 811
Art no.	4019085

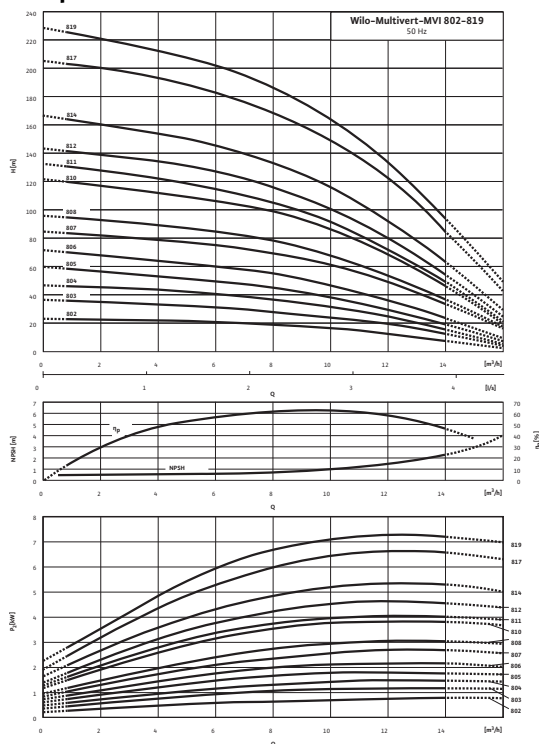
Data sheet: Wilo-Multivert MVI 811 (3~400 V, FKM, PN 25)

Weight approx.	<i>m</i>	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 812 (3~400 V, FKM, PN 25)

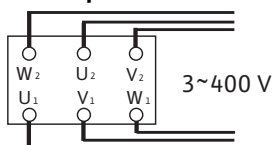
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

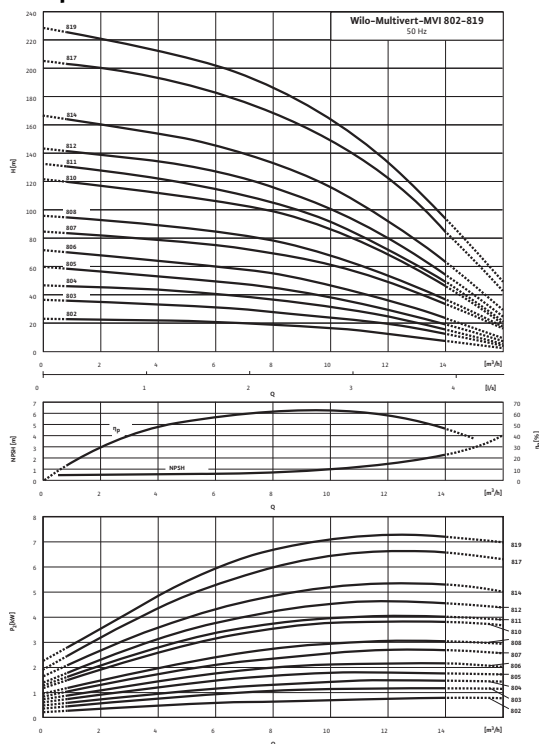
Information for order placements

Make	Wilo	
Type	MVI 812	
Art no.	4019086	
Weight approx.	m	56.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 814 (3~400 V, FKM, PN 25)

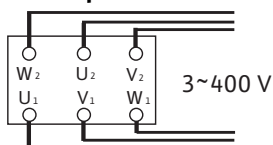
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

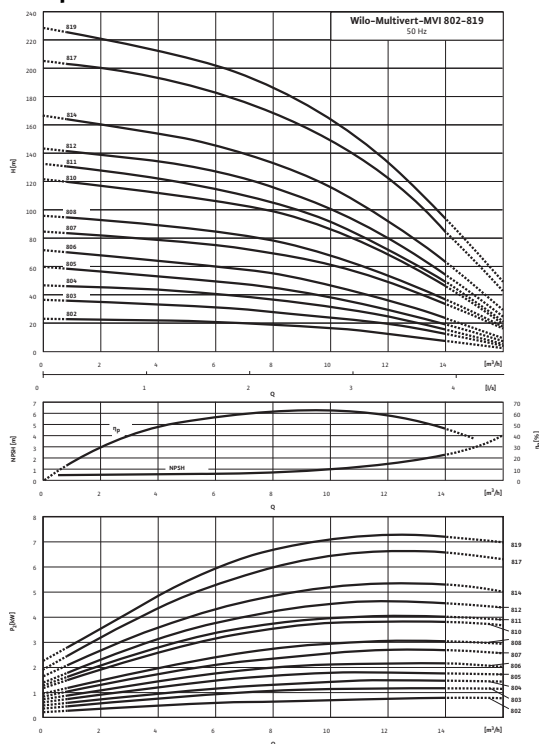
Information for order placements

Make	Wilo	
Type	MVI 814	
Art no.	4019088	
Weight approx.	m	60.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 817 (3~400 V, FKM, PN 25)

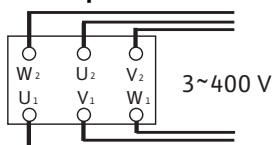
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

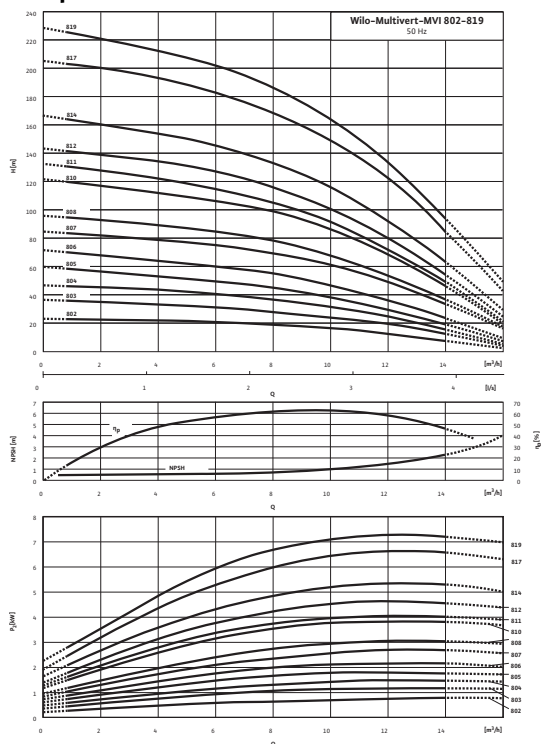
Information for order placements

Make	Wilo	
Type	MVI 817	
Art no.	4019091	
Weight approx.	m	71.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 819 (3~400 V, FKM, PN 25)

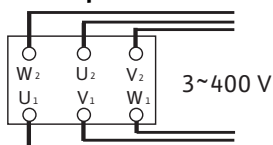
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 40	
Flange nominal diameter (on the suction side)	DN 40	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

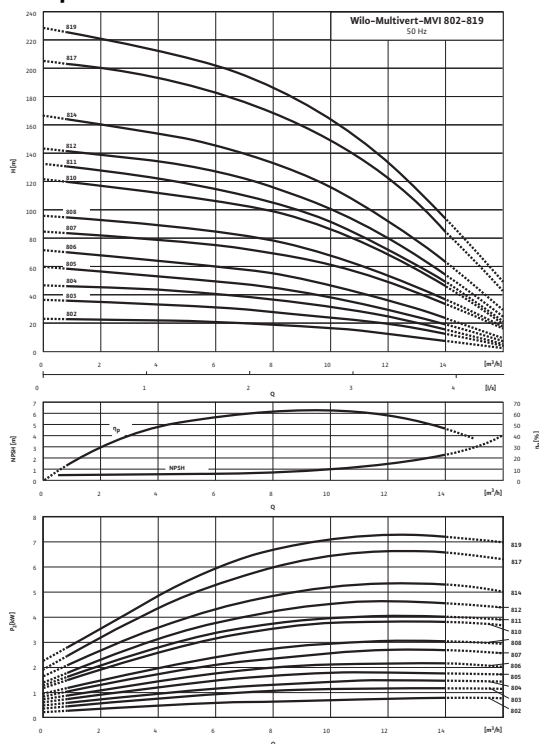
Information for order placements

Make	Wilo	
Type	MVI 819	
Art no.	4019092	
Weight approx.	m	72.7 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 802 (3~400 V, FKM, PN 25, Victaulic)

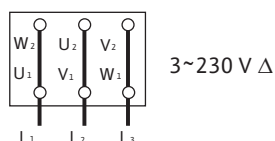
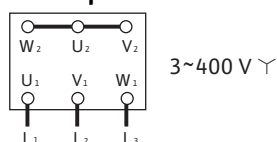
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m, 50\%}$	76.0 %
Motor efficiency	$\eta_{m, 75\%}$	77.4 %
Motor efficiency	$\eta_{m, 100\%}$	77.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 802
Art no.	4032793

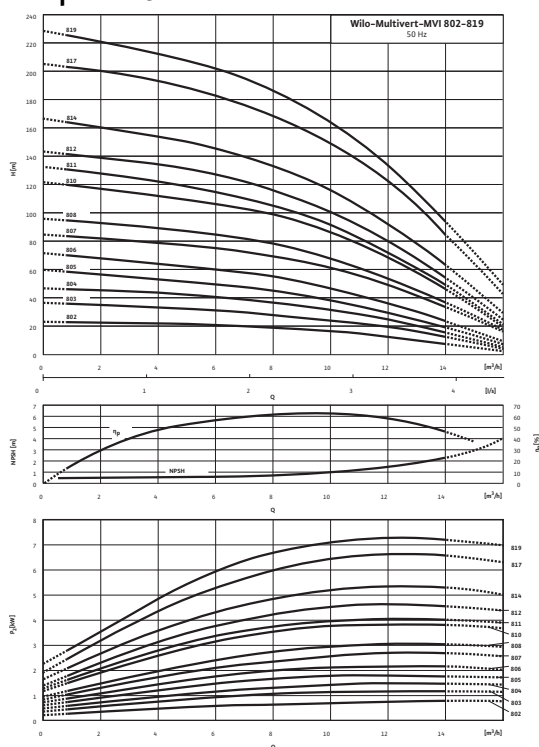
Data sheet: Wilo-Multivert MVI 802 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	24.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 803 (3~400 V, FKM, PN 25, Victaulic)

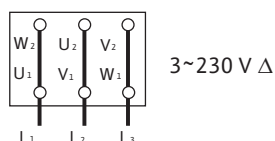
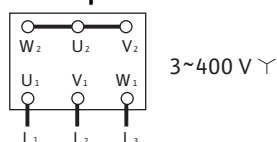
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.1 kW
Power consumption	P_1	1.38 kW
Nominal current 3~230 V, 50 Hz	I_N	4.4 A
Nominal current 3~400 V, 50 Hz	I_N	2.6 A
Motor efficiency	$\eta_{m, 50\%}$	78.0 %
Motor efficiency	$\eta_{m, 75\%}$	79.6 %
Motor efficiency	$\eta_{m, 100\%}$	79.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 803
Art no.	4032794

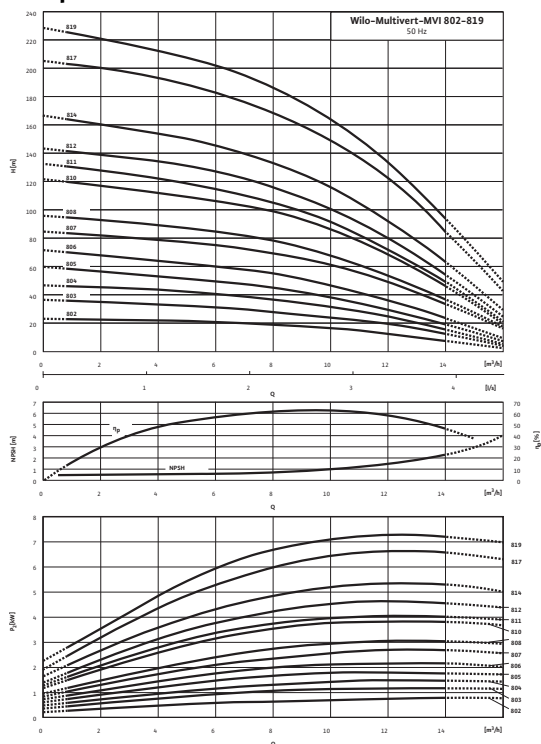
Data sheet: Wilo-Multivert MVI 803 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	28.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 804 (3~400 V, FKM, PN 25, Victaulic)

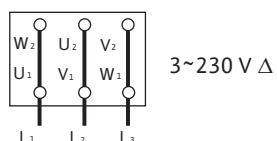
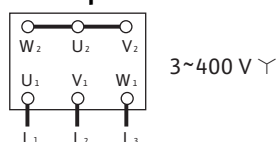
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	1.5 kW
Power consumption	P_1	1.84 kW
Nominal current 3~230 V, 50 Hz	I_N	5.7 A
Nominal current 3~400 V, 50 Hz	I_N	3.3 A
Motor efficiency	$\eta_{m, 50\%}$	80.0 %
Motor efficiency	$\eta_{m, 75\%}$	81.3 %
Motor efficiency	$\eta_{m, 100\%}$	81.3 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 804
Art no.	4032795

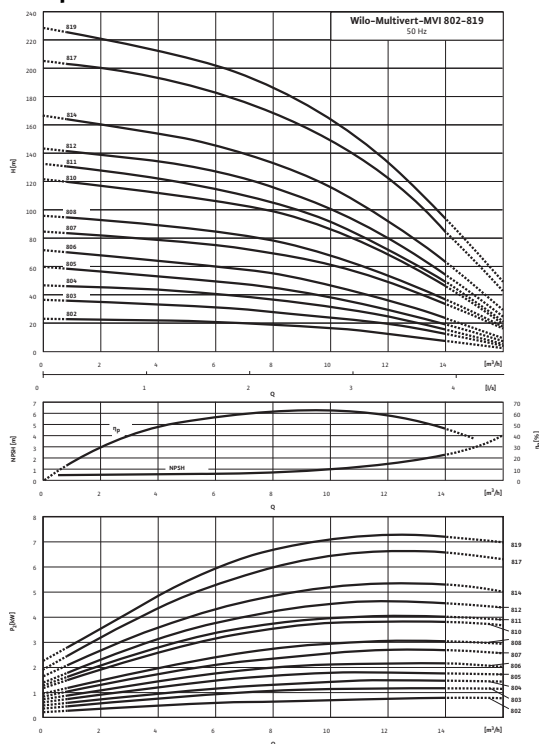
Data sheet: Wilo-Multivert MVI 804 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	35.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 805 (3~400 V, FKM, PN 25, Victaulic)

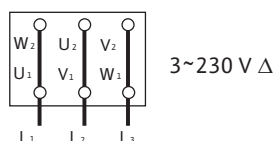
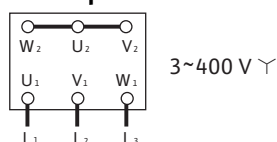
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 16
Rated pressure level (on the suction side)	PN	PN 16

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

Information for order placements

Make	Wilo
Type	MVI 805
Art no.	4032796

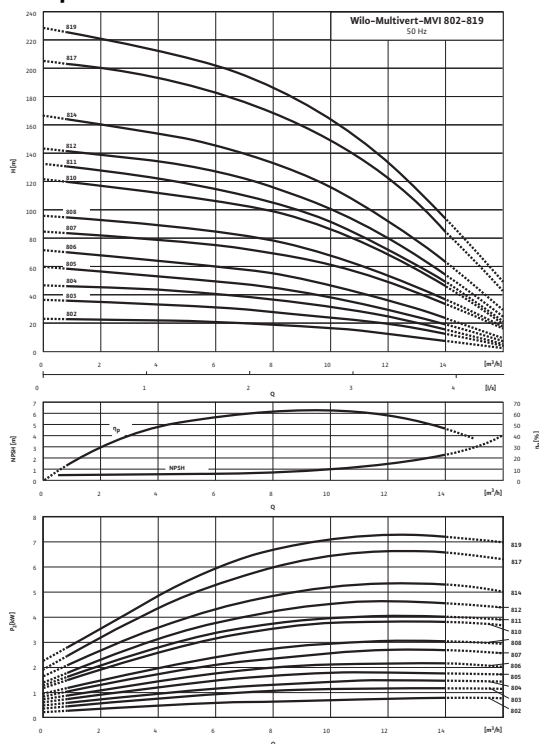
Data sheet: Wilo-Multivert MVI 805 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	36.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 806 (3~400 V, FKM, PN 25, Victaulic)

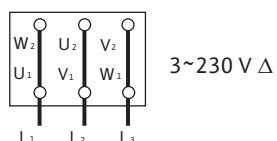
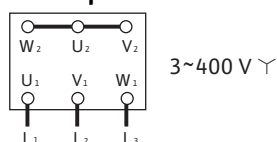
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
--------------------------------	-------------

Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	2.2 kW
Power consumption	P_1	2.64 kW
Nominal current 3~230 V, 50 Hz	I_N	8.0 A
Nominal current 3~400 V, 50 Hz	I_N	4.6 A
Motor efficiency	$\eta_{m, 50\%}$	82.0 %
Motor efficiency	$\eta_{m, 75\%}$	83.2 %
Motor efficiency	$\eta_{m, 100\%}$	83.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 806
Art no.	4032797

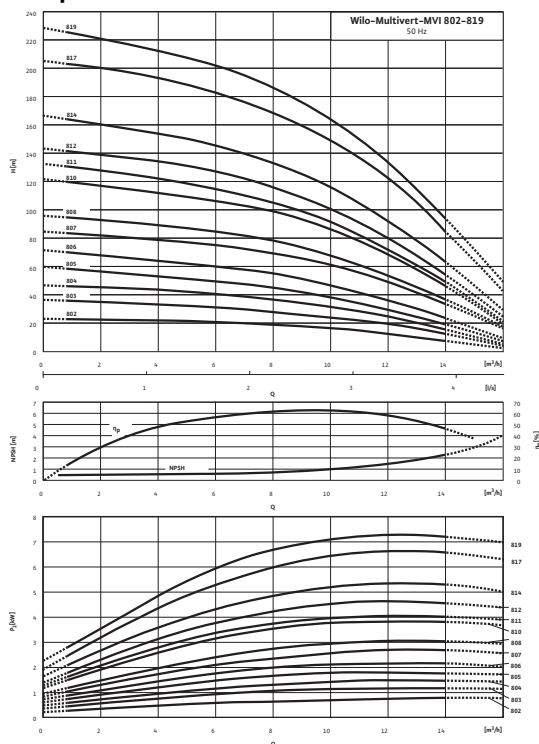
Data sheet: Wilo-Multivert MVI 806 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	37.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 807 (3~400 V, FKM, PN 25, Victaulic)

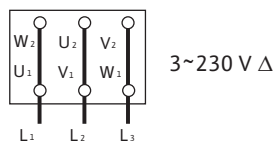
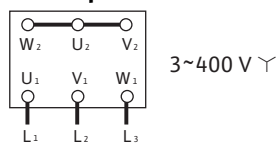
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 807
Art no.	4032798

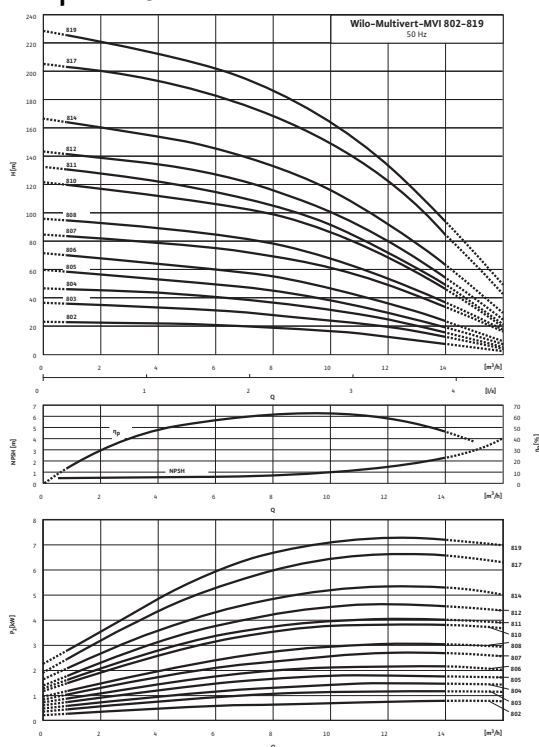
Data sheet: Wilo-Multivert MVI 807 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	46.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 808 (3~400 V, FKM, PN 25, Victaulic)

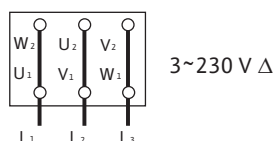
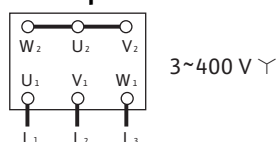
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m, 50\%}$	82.5 %
Motor efficiency	$\eta_{m, 75\%}$	85.0 %
Motor efficiency	$\eta_{m, 100\%}$	84.6 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 808
Art no.	4032799

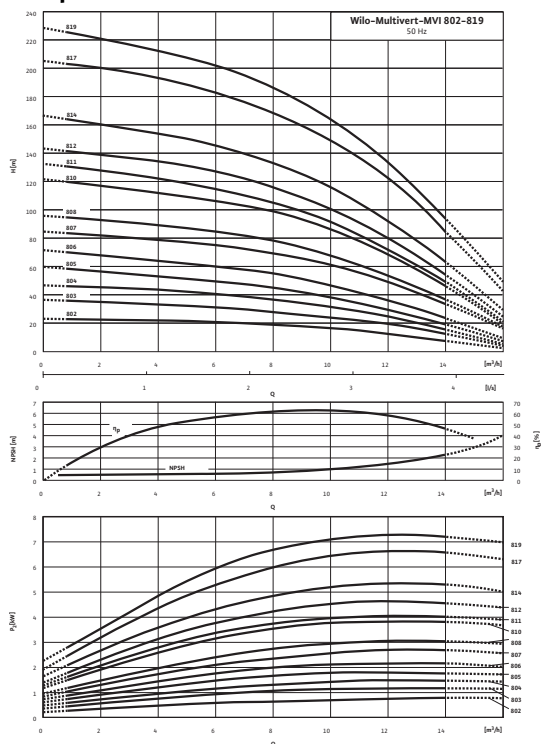
Data sheet: Wilo-Multivert MVI 808 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	47.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 810 (3~400 V, FKM, PN 25, Victaulic)

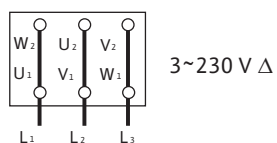
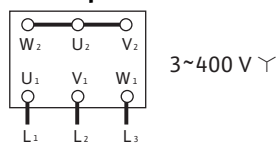
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo
Type	MVI 810
Art no.	4032800

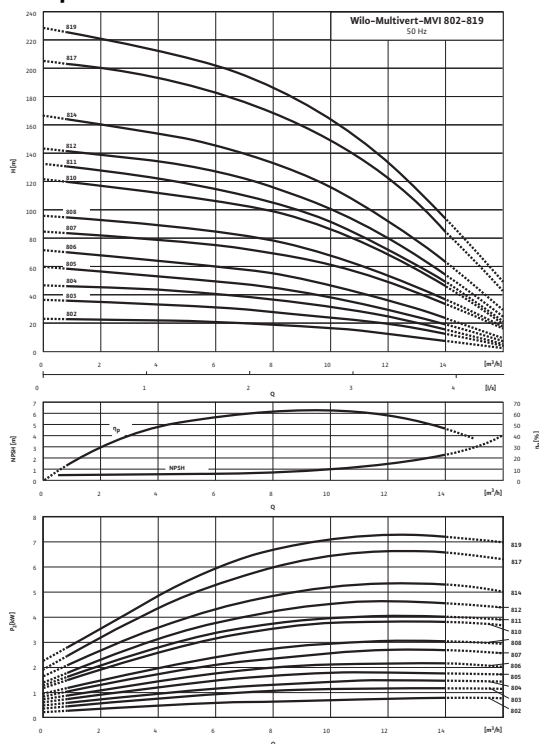
Data sheet: Wilo-Multivert MVI 810 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	44.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 811 (3~400 V, FKM, PN 25, Victaulic)

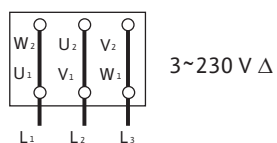
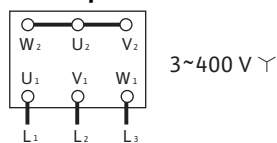
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVG

Information for order placements

Make	Wilo
Type	MVI 811
Art no.	4032801

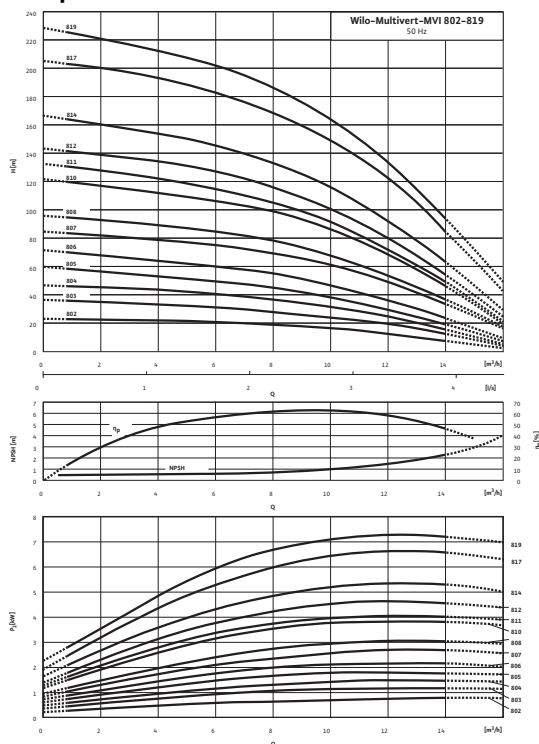
Data sheet: Wilo-Multivert MVI 811 (3~400 V, FKM, PN 25, Victaulic)

Weight approx.	<i>m</i>	45.0 kg
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• = available, - = not available

Data sheet: Wilo-Multivert MVI 812 (3~400 V, FKM, PN 25, Victaulic)

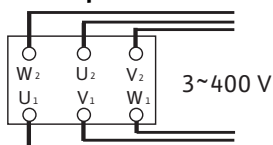
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

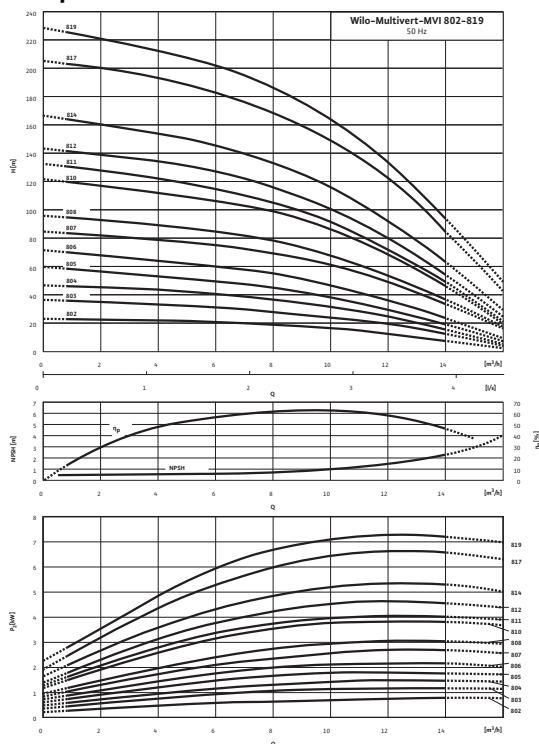
Information for order placements

Make	Wilo	
Type	MVI 812	
Art no.	4032802	
Weight approx.	m	58.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 814 (3~400 V, FKM, PN 25, Victaulic)

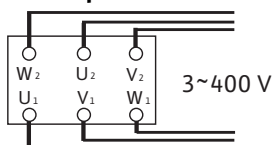
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

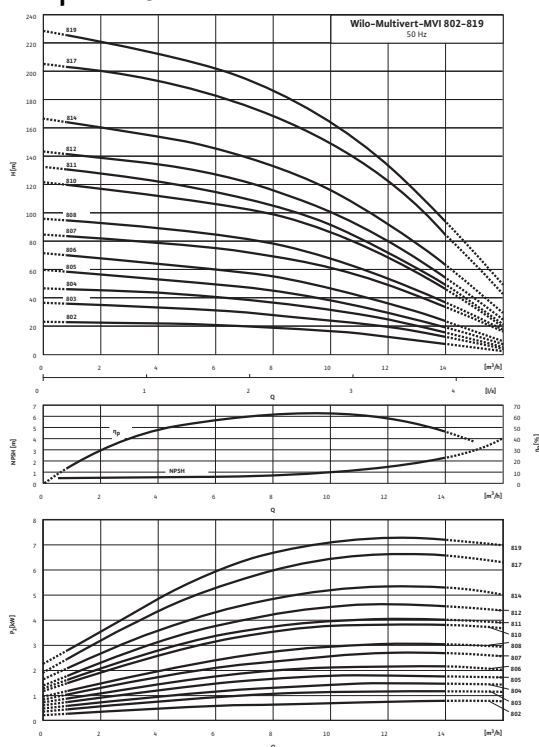
Information for order placements

Make	Wilo	
Type	MVI 814	
Art no.	4032804	
Weight approx.	m	60.0 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 817 (3~400 V, FKM, PN 25, Victaulic)

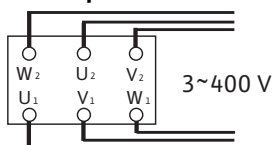
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

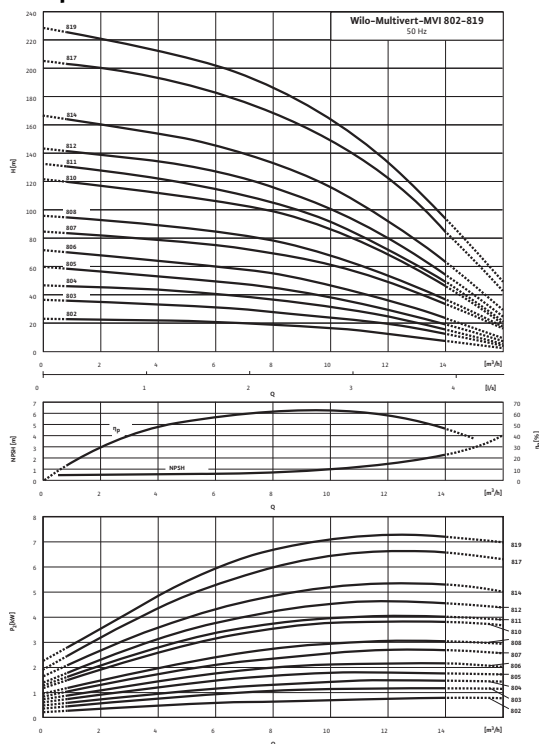
Information for order placements

Make	Wilo	
Type	MVI 817	
Art no.	4032806	
Weight approx.	m	71.3 kg

• = available, - = not available

Data sheet: Wilo-Multivert MVI 819 (3~400 V, FKM, PN 25, Victaulic)

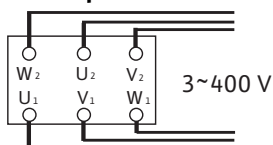
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y- Δ -direct starting



Power

Fluid temperature	T	-15...+90 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 50	
Flange nominal diameter (on the suction side)	DN 50	
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25

Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

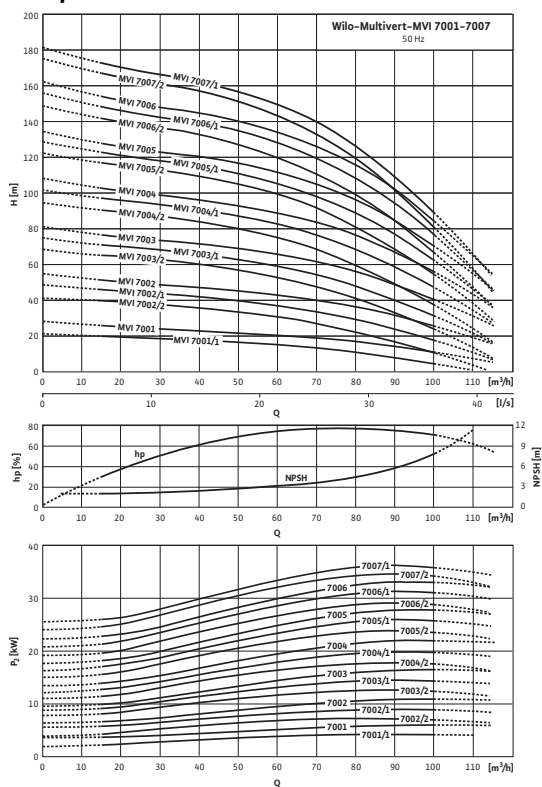
Information for order placements

Make	Wilo	
Type	MVI 819	
Art no.	4032807	
Weight approx.	m	72.7 kg

• = available, - = not available

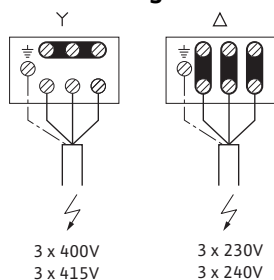
Data sheet: Wilo-Multivert MVI 7001/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
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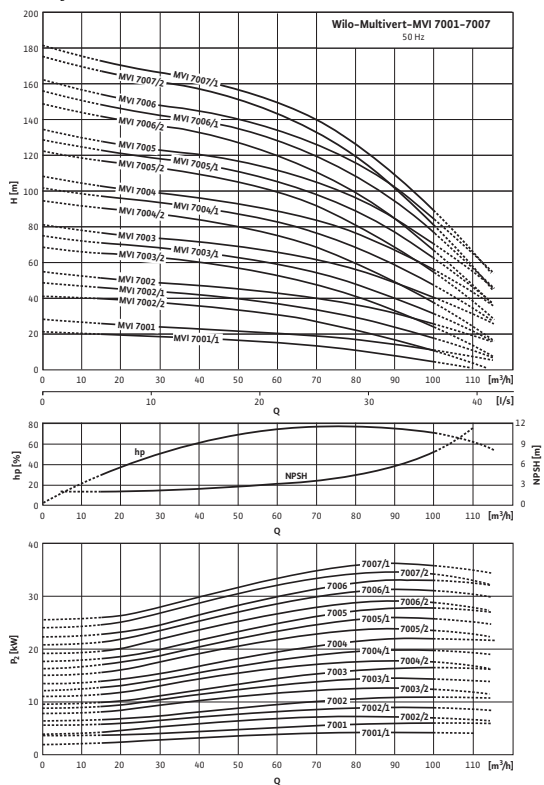
Data sheet: Wilo-Multivert MVI 7001/1 (3~400 V, EPDM,)

Type		MVI 7001/1
Art no.		4071162
Weight approx.	<i>m</i>	102.0 kg

• = available, - = not available

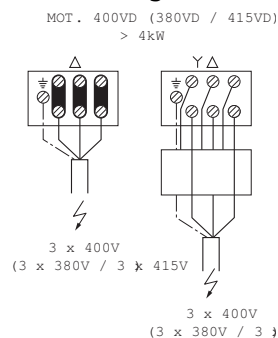
Data sheet: Wilo-Multivert MVI 7001 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	$\eta_{m, 50\%}$	85.2 %
Motor efficiency	$\eta_{m, 75\%}$	86.9 %
Motor efficiency	$\eta_{m, 100\%}$	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7001
Art no.	4071163

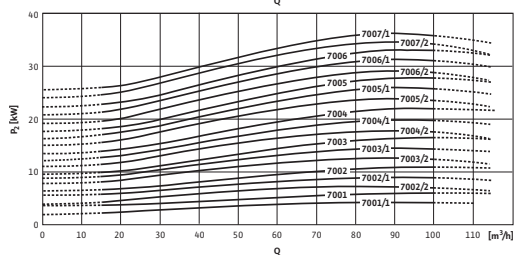
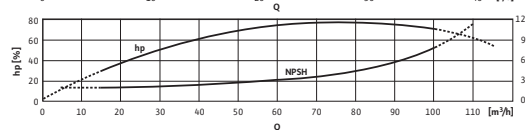
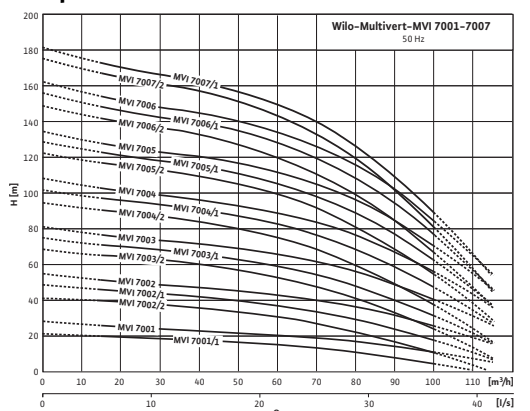
Data sheet: Wilo-Multivert MVI 7001 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	106.0 kg
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• = available, - = not available

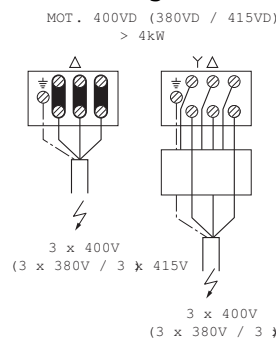
Data sheet: Wilo-Multivert MVI 7002/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m	89.8 %
Motor efficiency	η_m	90.5 %
Motor efficiency	η_m	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002/2
Art no.	4071165

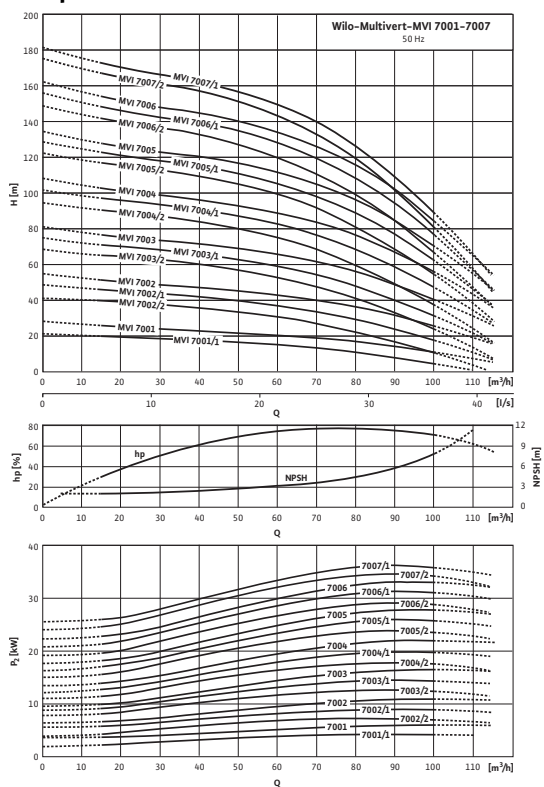
Data sheet: Wilo-Multivert MVI 7002/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	118.0 kg
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• = available, - = not available

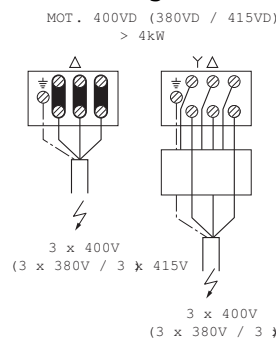
Data sheet: Wilo-Multivert MVI 7002/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	9.0 kW
Power consumption	P_1	9.88 kW
Nominal current 3~400 V, 50 Hz	I_N	15.6 A
Motor efficiency	η_m 50%	88.6 %
Motor efficiency	η_m 75%	90.1 %
Motor efficiency	η_m 100%	90.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002/1
Art no.	4071166

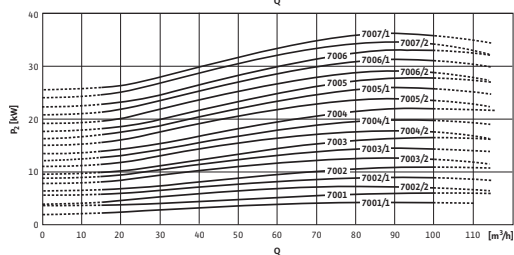
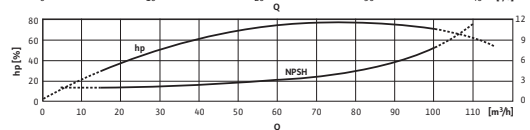
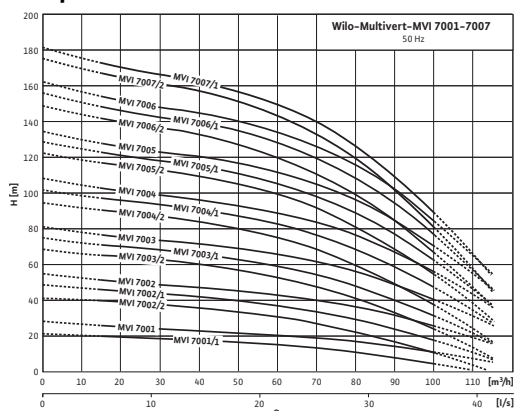
Data sheet: Wilo-Multivert MVI 7002/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	138.5 kg
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• = available, - = not available

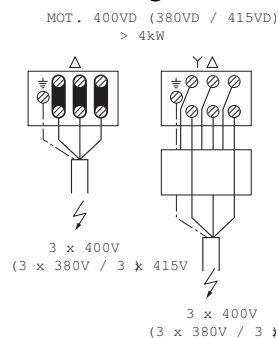
Data sheet: Wilo-Multivert MVI 7002 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	11.0 kW
Power consumption	P_1	12.07 kW
Nominal current 3~400 V, 50 Hz	I_N	19.0 A
Motor efficiency	η_m 50%	89.4 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002
Art no.	4071168

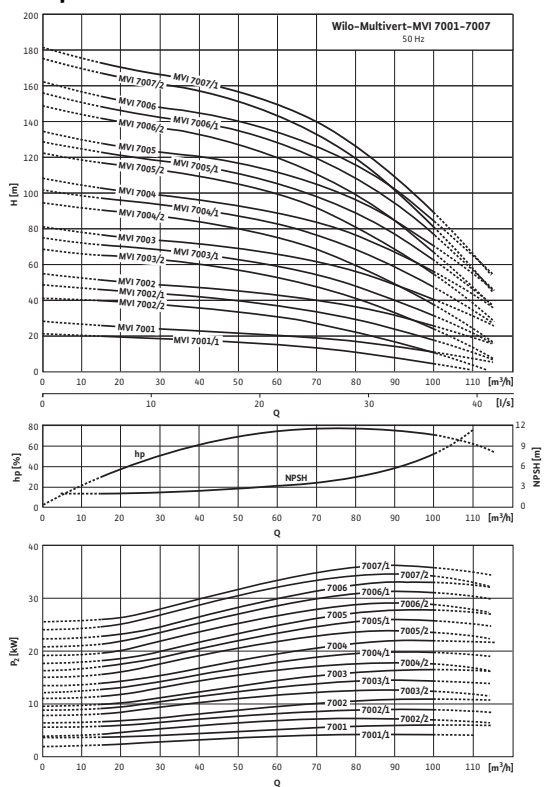
Data sheet: Wilo-Multivert MVI 7002 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	139.5 kg
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• = available, - = not available

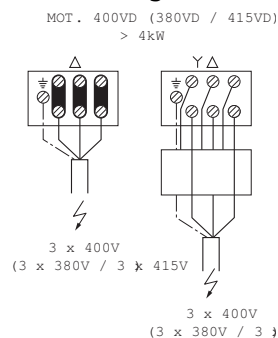
Data sheet: Wilo-Multivert MVI 7003/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003/2
Art no.	4071170

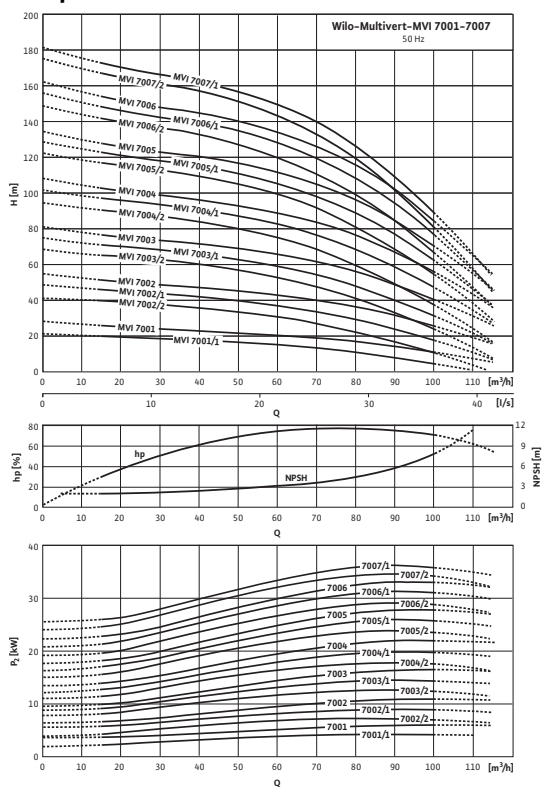
Data sheet: Wilo-Multivert MVI 7003/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	189.0 kg
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• = available, - = not available

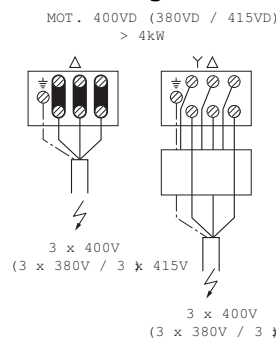
Data sheet: Wilo-Multivert MVI 7003/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003/1
Art no.	4071171

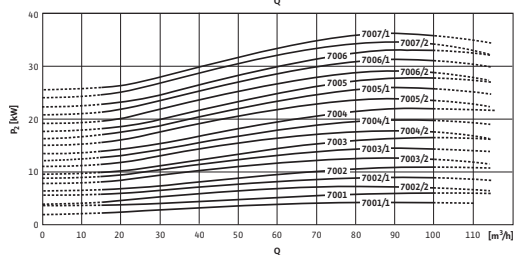
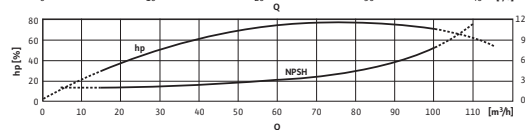
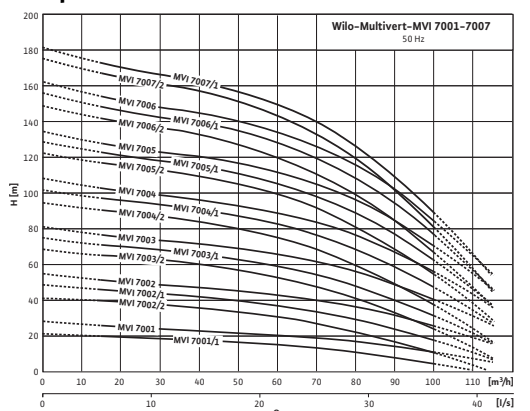
Data sheet: Wilo-Multivert MVI 7003/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	189.0 kg
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• = available, - = not available

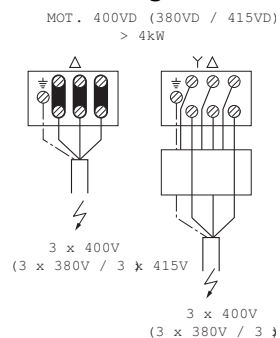
Data sheet: Wilo-Multivert MVI 7003 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	$\eta_{m, 50\%}$	90.4 %
Motor efficiency	$\eta_{m, 75\%}$	92.3 %
Motor efficiency	$\eta_{m, 100\%}$	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003
Art no.	4071172

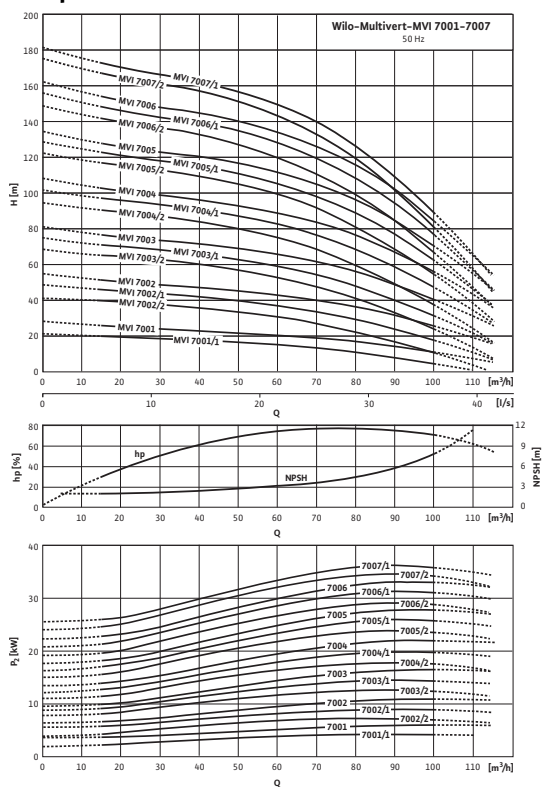
Data sheet: Wilo-Multivert MVI 7003 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	205.0 kg
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• = available, - = not available

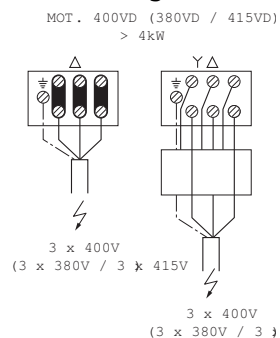
Data sheet: Wilo-Multivert MVI 7004/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	η_m 50%	90.4 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004/2
Art no.	4071173

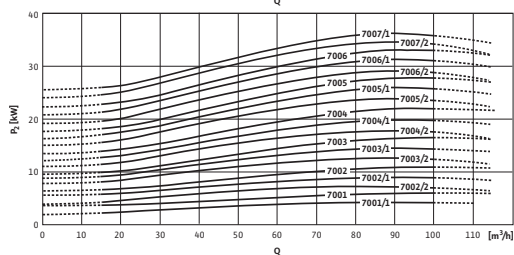
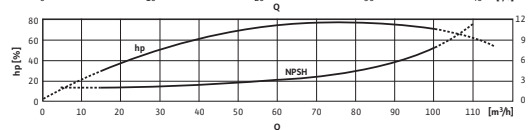
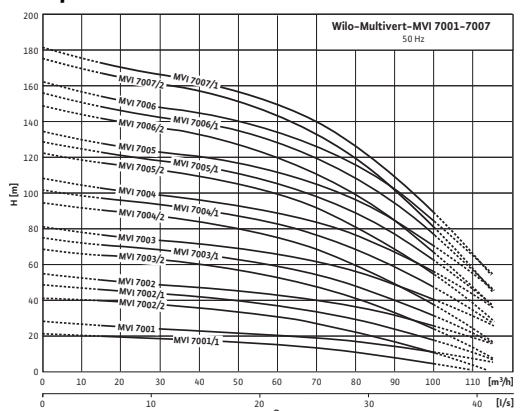
Data sheet: Wilo-Multivert MVI 7004/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	209.0 kg
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• = available, - = not available

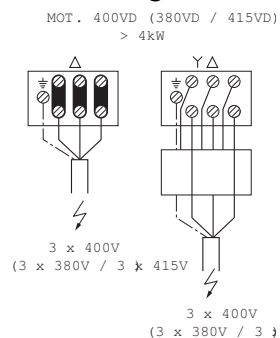
Data sheet: Wilo-Multivert MVI 7004/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	$\eta_{m, 50\%}$	90.8 %
Motor efficiency	$\eta_{m, 75\%}$	92.3 %
Motor efficiency	$\eta_{m, 100\%}$	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004/1
Art no.	4071174

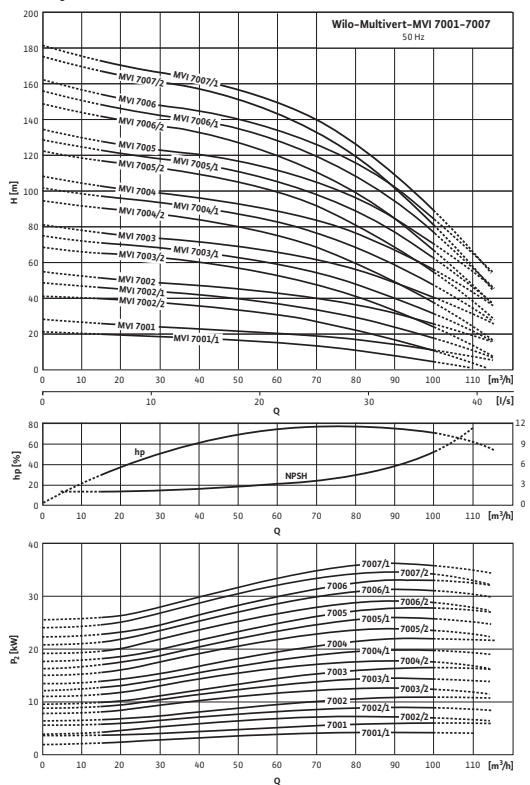
Data sheet: Wilo-Multivert MVI 7004/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	199.0 kg
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• = available, - = not available

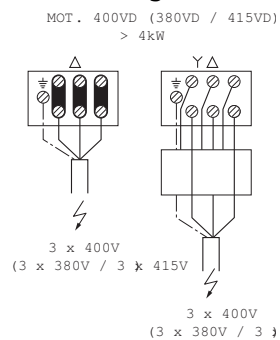
Data sheet: Wilo-Multivert MVI 7004 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	η_m 50%	90.8 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004
Art no.	4071175

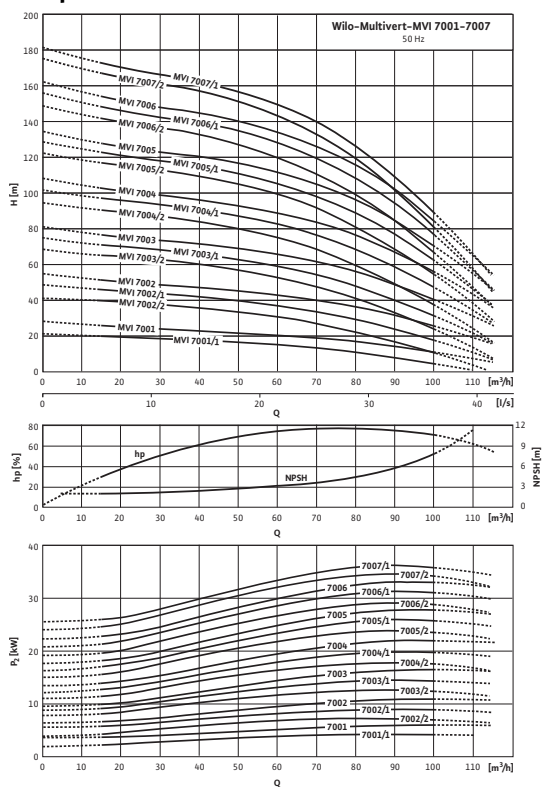
Data sheet: Wilo-Multivert MVI 7004 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	199.0 kg
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• = available, - = not available

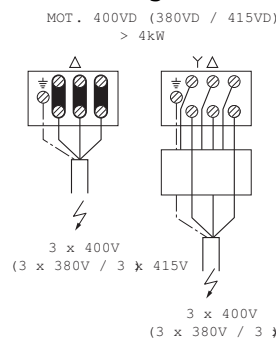
Data sheet: Wilo-Multivert MVI 7005/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005/2
Art no.	4071176

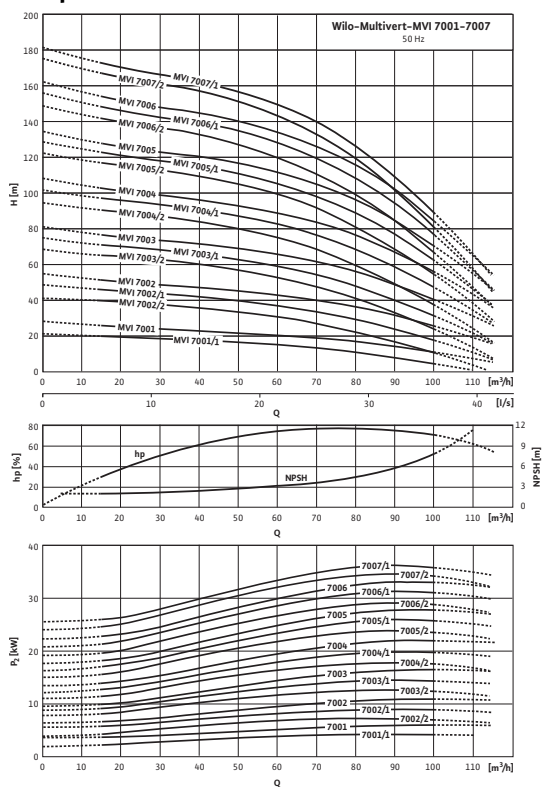
Data sheet: Wilo-Multivert MVI 7005/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

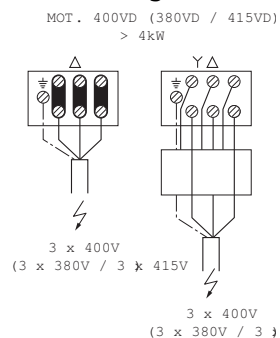
Data sheet: Wilo-Multivert MVI 7005/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005/1
Art no.	4071177

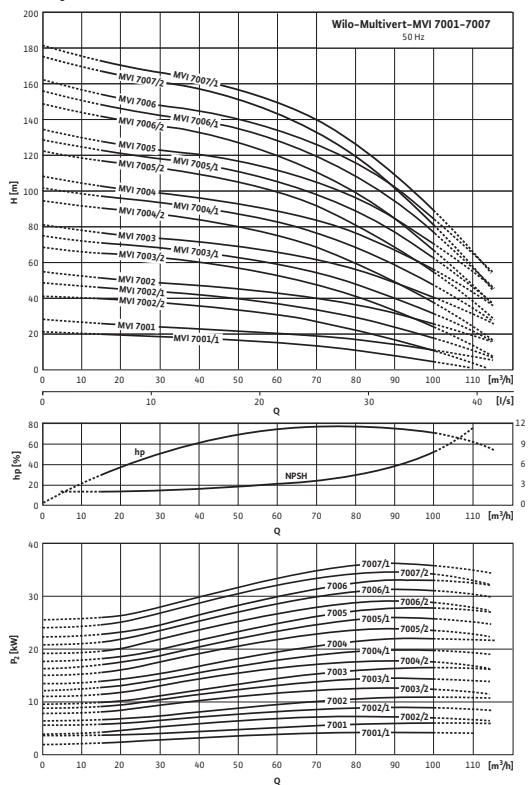
Data sheet: Wilo-Multivert MVI 7005/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

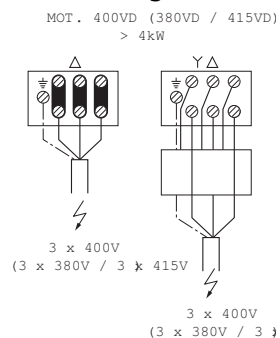
Data sheet: Wilo-Multivert MVI 7005 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005
Art no.	4071178

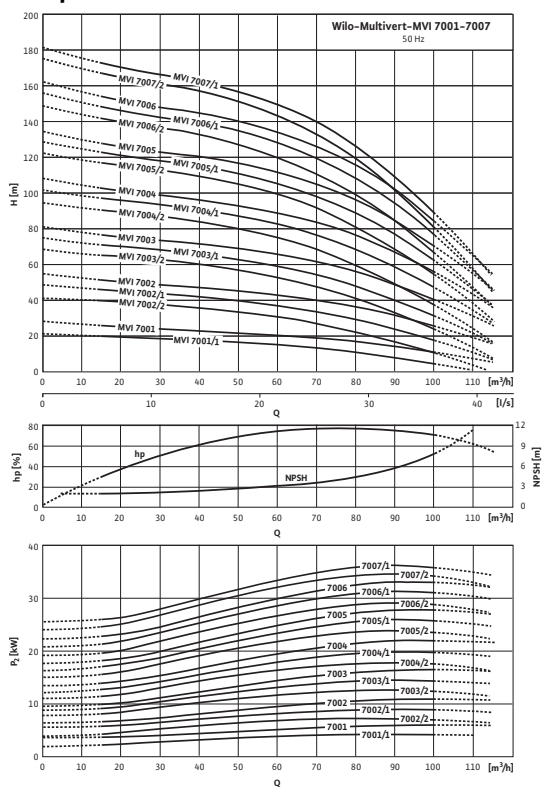
Data sheet: Wilo-Multivert MVI 7005 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

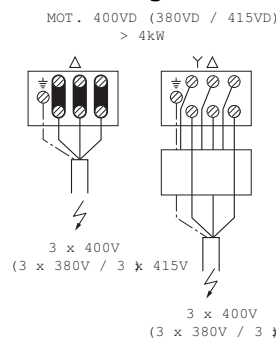
Data sheet: Wilo-Multivert MVI 7001/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	4.0 kW
Power consumption	P_1	4.66 kW
Nominal current 3~230 V, 50 Hz	I_N	13.5 A
Nominal current 3~400 V, 50 Hz	I_N	7.8 A
Motor efficiency	$\eta_{m, 50\%}$	85.0 %
Motor efficiency	$\eta_{m, 75\%}$	85.8 %
Motor efficiency	$\eta_{m, 100\%}$	85.8 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
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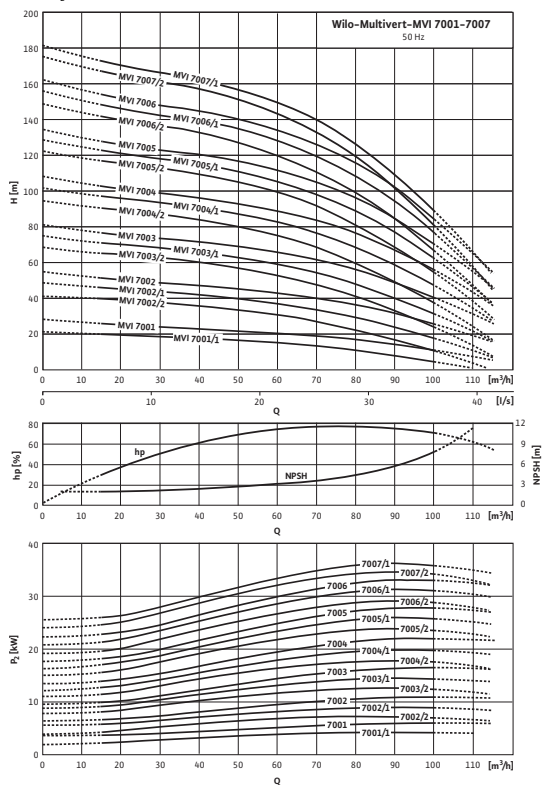
Data sheet: Wilo-Multivert MVI 7001/1 (3~400 V, EPDM,)

Type	MVI 7001/1	
Art no.	4071179	
Weight approx.	<i>m</i>	102.0 kg

• = available, - = not available

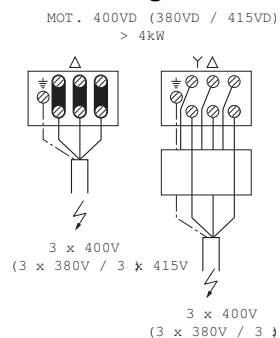
Data sheet: Wilo-Multivert MVI 7001 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_m 100%	88.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7001
Art no.	4071180

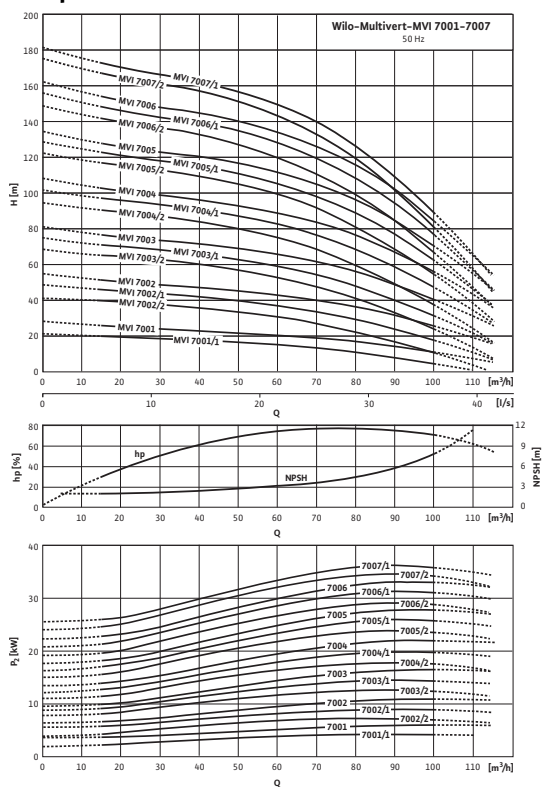
Data sheet: Wilo-Multivert MVI 7001 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	106.0 kg
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• = available, - = not available

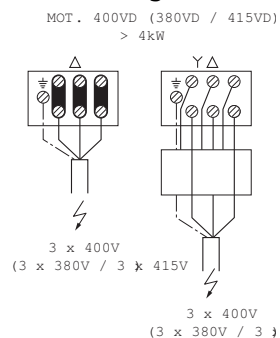
Data sheet: Wilo-Multivert MVI 7002/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002/2
Art no.	4071182

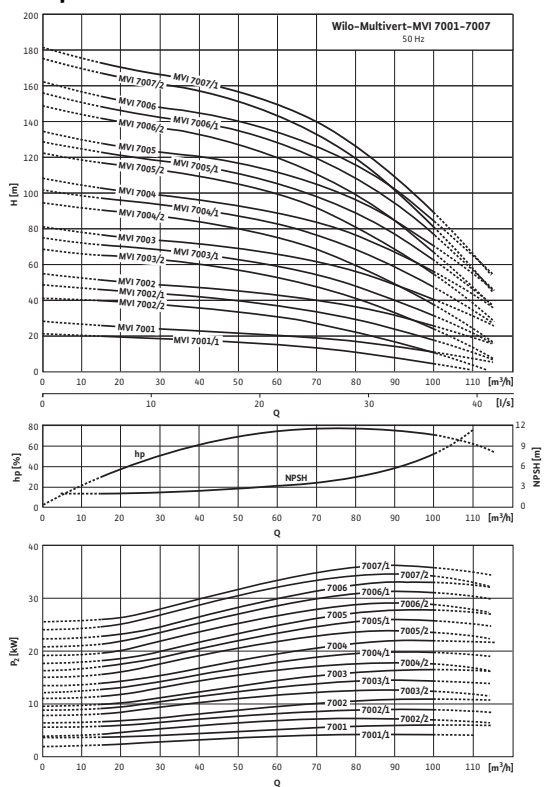
Data sheet: Wilo-Multivert MVI 7002/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	118.0 kg
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• = available, - = not available

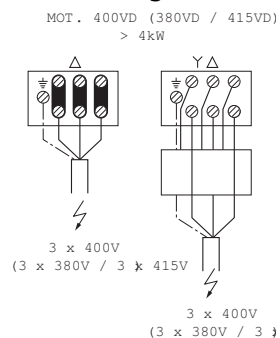
Data sheet: Wilo-Multivert MVI 7002/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	9.0 kW
Power consumption	P_1	9.88 kW
Nominal current 3~400 V, 50 Hz	I_N	15.6 A
Motor efficiency	$\eta_{m, 50\%}$	88.6 %
Motor efficiency	$\eta_{m, 75\%}$	90.1 %
Motor efficiency	$\eta_{m, 100\%}$	90.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002/1
Art no.	4071183

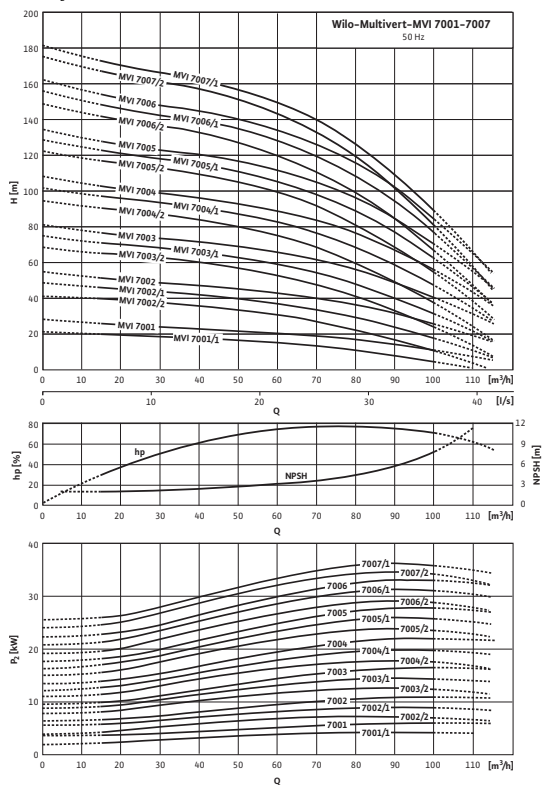
Data sheet: Wilo-Multivert MVI 7002/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	138.5 kg
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• = available, - = not available

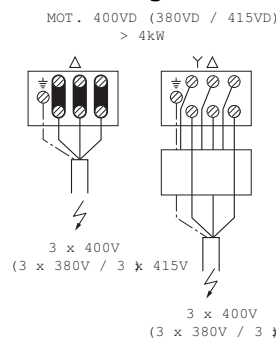
Data sheet: Wilo-Multivert MVI 7002 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	11.0 kW
Power consumption	P_1	12.07 kW
Nominal current 3~400 V, 50 Hz	I_N	19.0 A
Motor efficiency	η_m 50%	89.4 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7002
Art no.	4071185

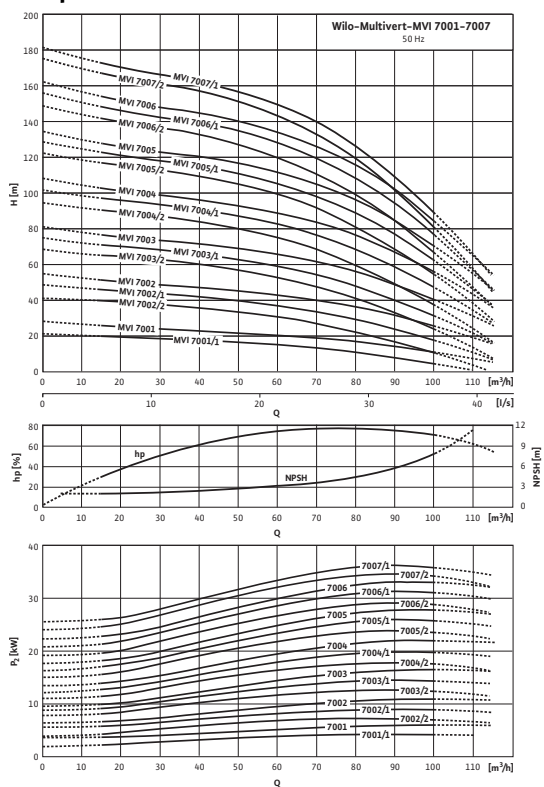
Data sheet: Wilo-Multivert MVI 7002 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	139.5 kg
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• = available, - = not available

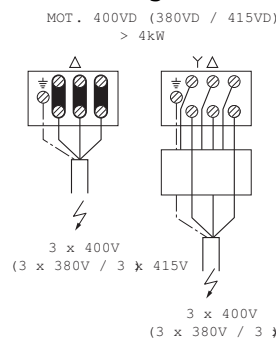
Data sheet: Wilo-Multivert MVI 7003/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003/2
Art no.	4071187

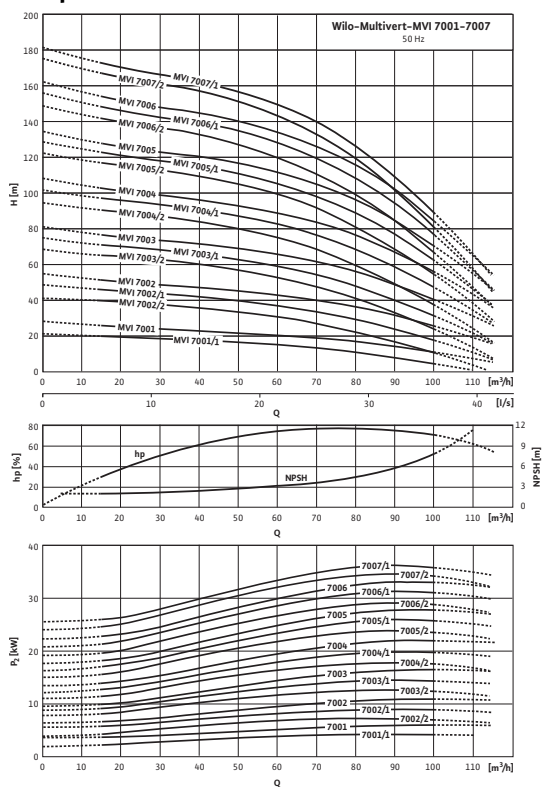
Data sheet: Wilo-Multivert MVI 7003/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	189.0 kg
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• = available, - = not available

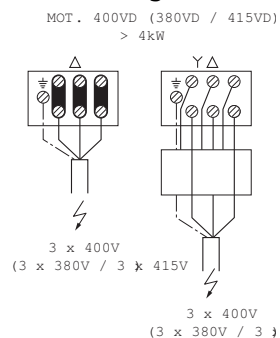
Data sheet: Wilo-Multivert MVI 7003/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003/1
Art no.	4071188

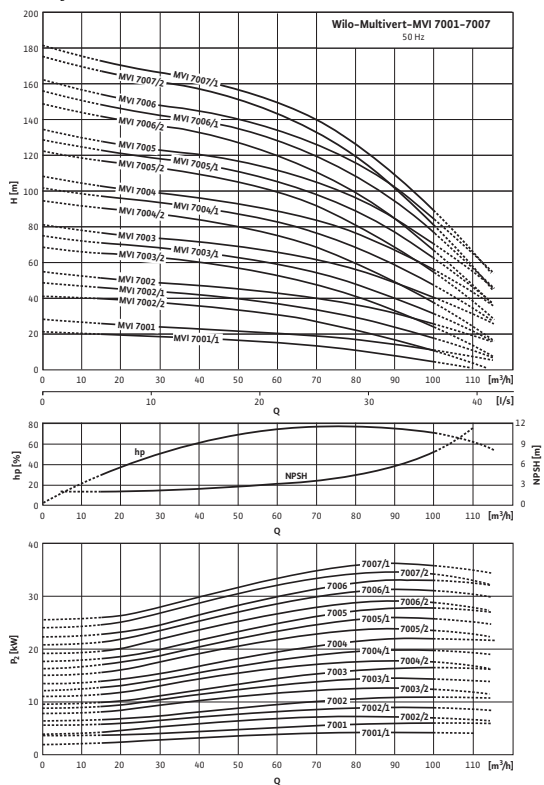
Data sheet: Wilo-Multivert MVI 7003/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	189.0 kg
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• = available, - = not available

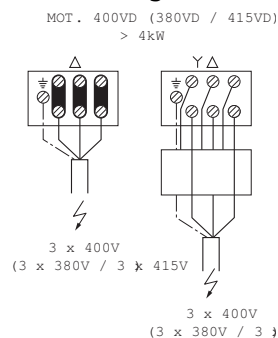
Data sheet: Wilo-Multivert MVI 7003 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	$\eta_{m, 50\%}$	90.4 %
Motor efficiency	$\eta_{m, 75\%}$	92.3 %
Motor efficiency	$\eta_{m, 100\%}$	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7003
Art no.	4071189

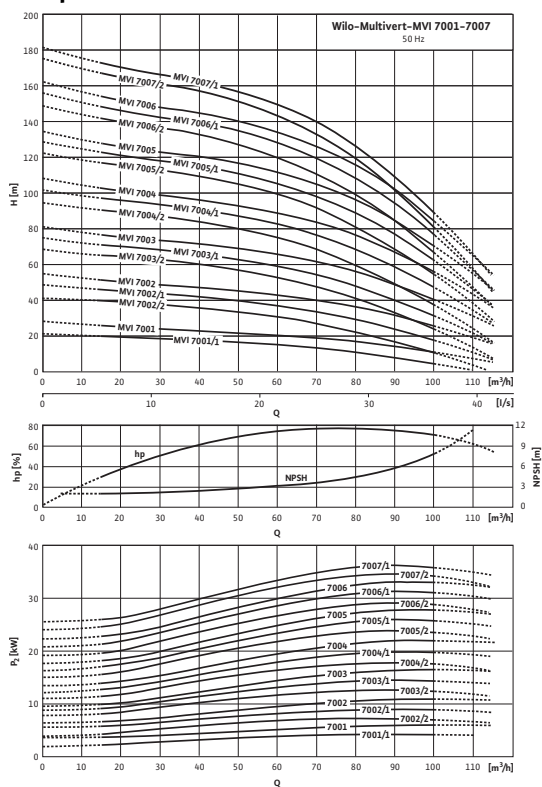
Data sheet: Wilo-Multivert MVI 7003 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	205.0 kg
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• = available, - = not available

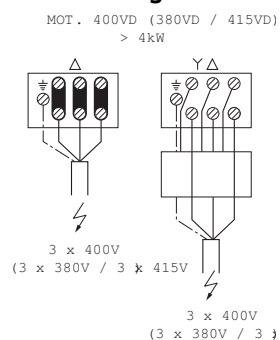
Data sheet: Wilo-Multivert MVI 7004/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	η_m 50%	90.4 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004/2
Art no.	4071190

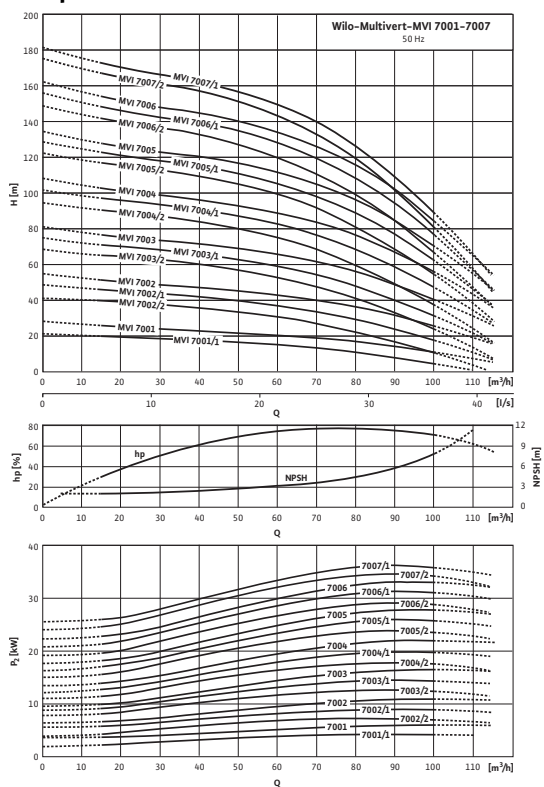
Data sheet: Wilo-Multivert MVI 7004/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	209.0 kg
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• = available, - = not available

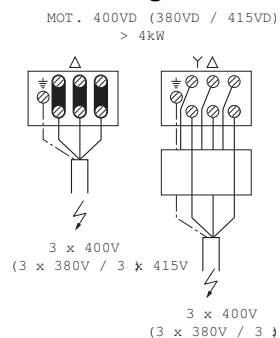
Data sheet: Wilo-Multivert MVI 7004/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	$\eta_{m, 50\%}$	90.8 %
Motor efficiency	$\eta_{m, 75\%}$	92.3 %
Motor efficiency	$\eta_{m, 100\%}$	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004/1
Art no.	4071191

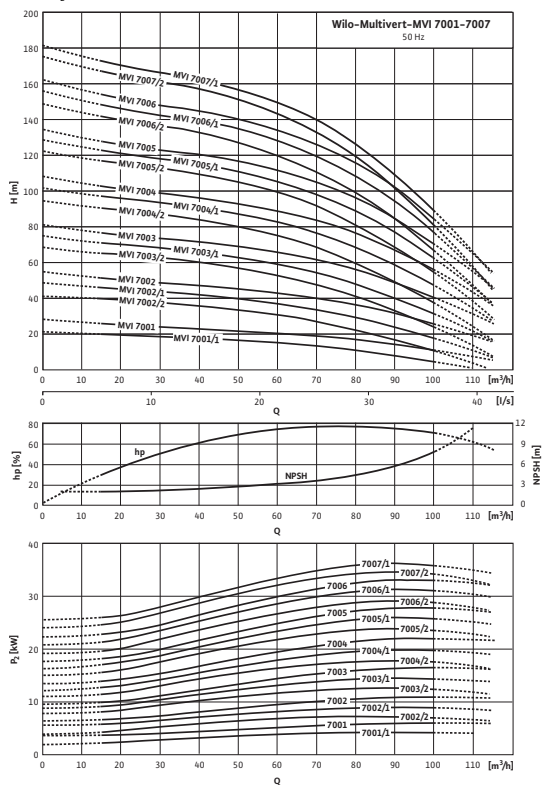
Data sheet: Wilo-Multivert MVI 7004/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	199.0 kg
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• = available, - = not available

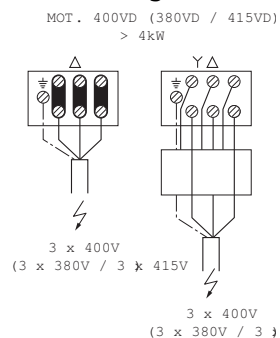
Data sheet: Wilo-Multivert MVI 7004 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	η_m 50%	90.8 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7004
Art no.	4071192

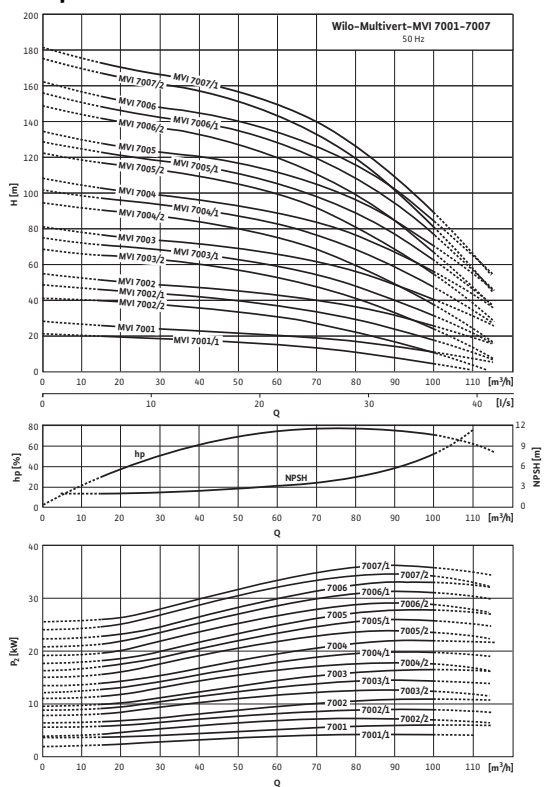
Data sheet: Wilo-Multivert MVI 7004 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	199.0 kg
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• = available, - = not available

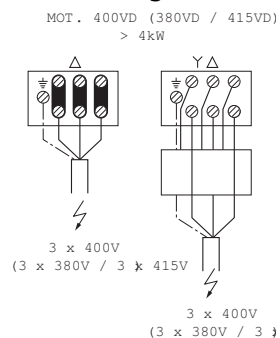
Data sheet: Wilo-Multivert MVI 7005/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005/2
Art no.	4071193

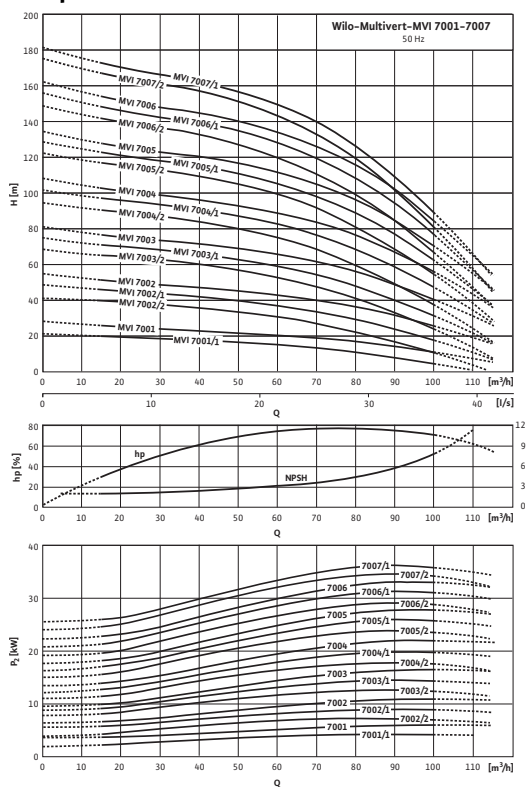
Data sheet: Wilo-Multivert MVI 7005/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

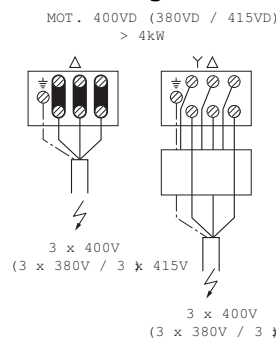
Data sheet: Wilo-Multivert MVI 7005/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005/1
Art no.	4071194

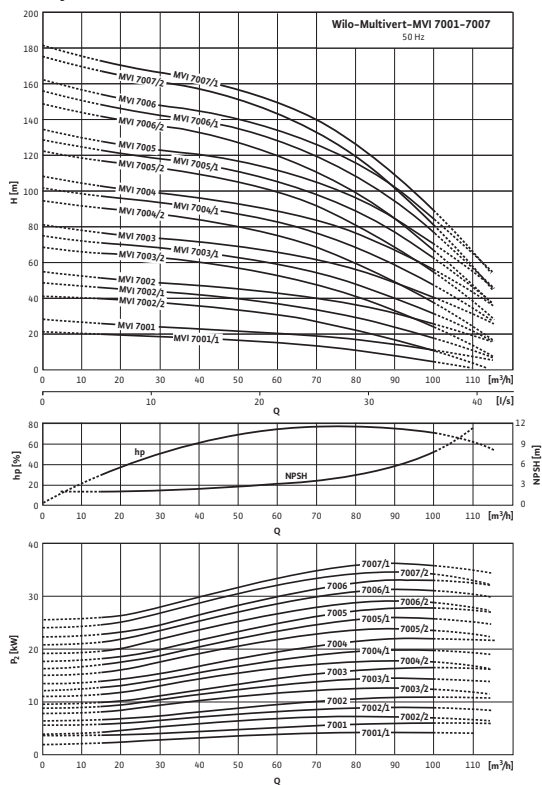
Data sheet: Wilo-Multivert MVI 7005/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

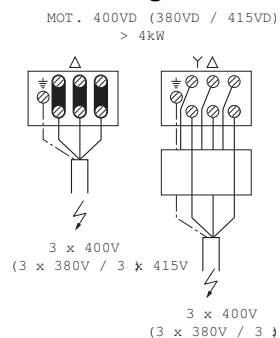
Data sheet: Wilo-Multivert MVI 7005 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7005
Art no.	4071195

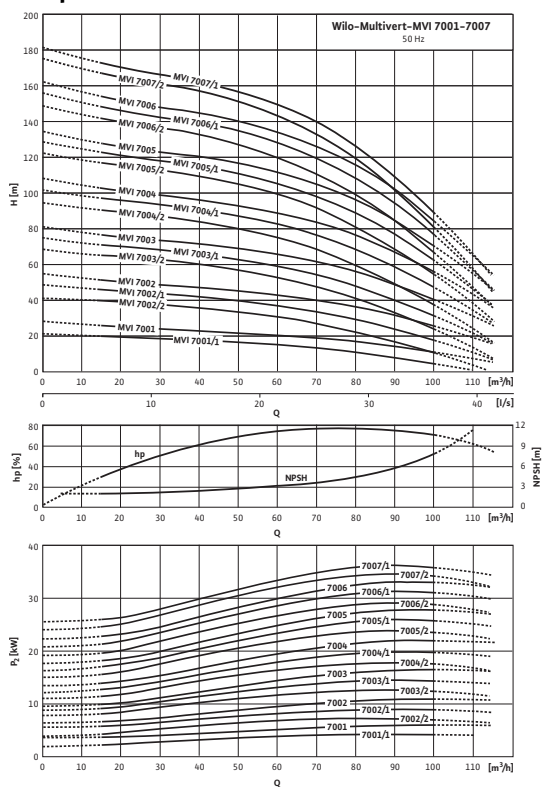
Data sheet: Wilo-Multivert MVI 7005 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	287.2 kg
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• = available, - = not available

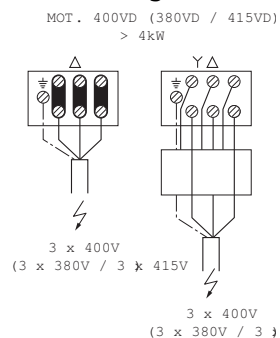
Data sheet: Wilo-Multivert MVI 7006/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7006/2
Art no.	4071196

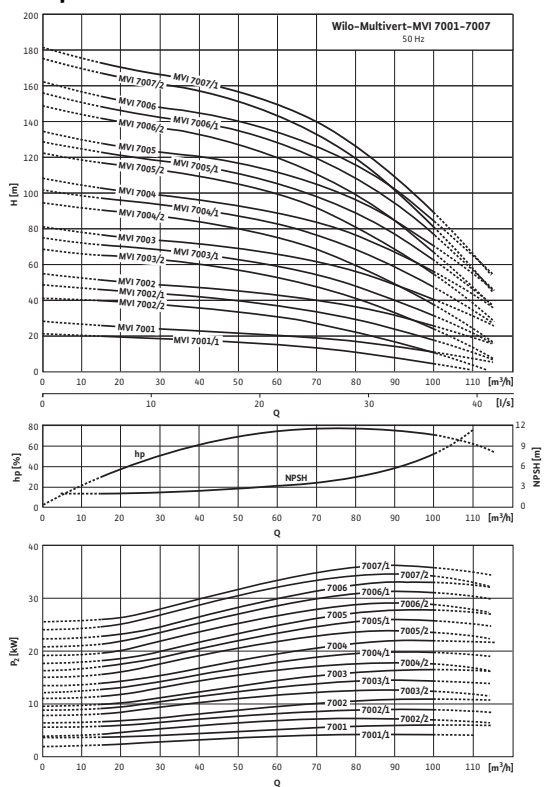
Data sheet: Wilo-Multivert MVI 7006/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	291.2 kg
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• = available, - = not available

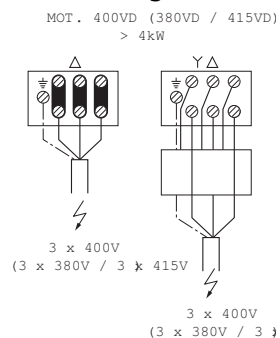
Data sheet: Wilo-Multivert MVI 7006/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7006/1
Art no.	4071197

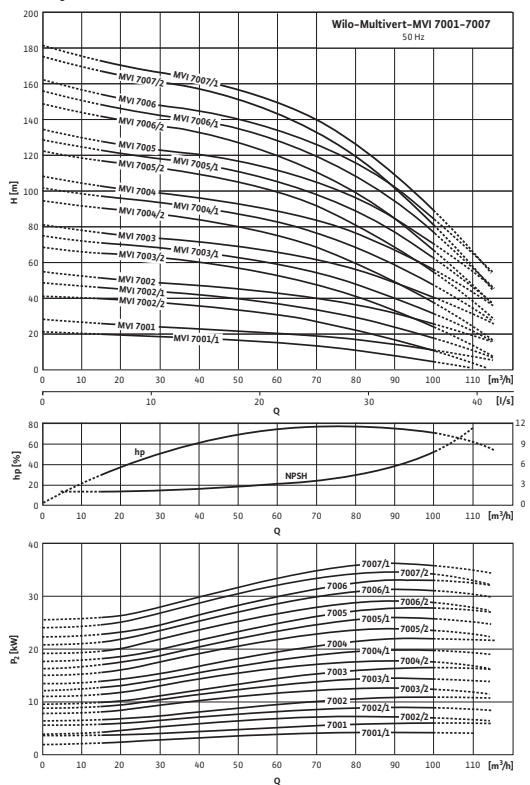
Data sheet: Wilo-Multivert MVI 7006/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	294.2 kg
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• = available, - = not available

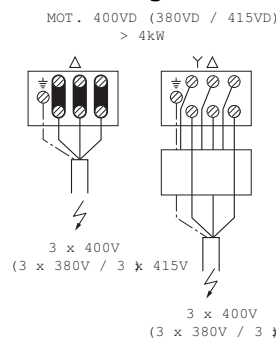
Data sheet: Wilo-Multivert MVI 7006 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7006
Art no.	4071198

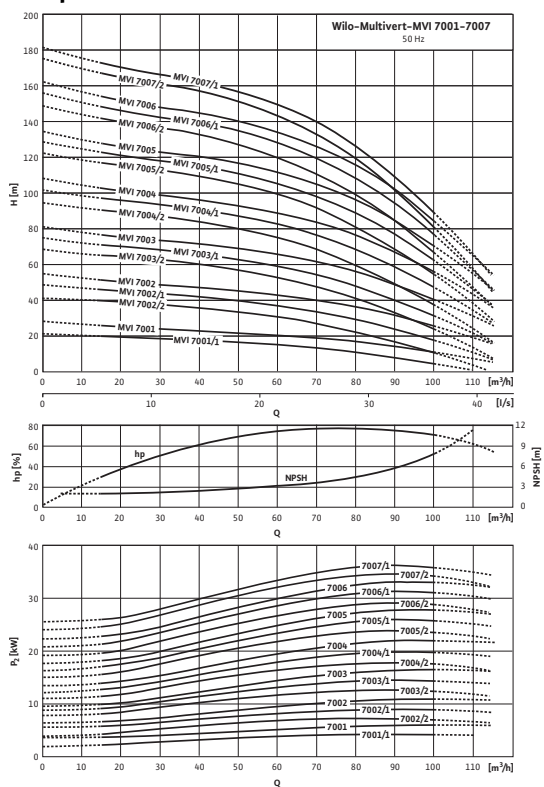
Data sheet: Wilo-Multivert MVI 7006 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	294.2 kg
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• = available, - = not available

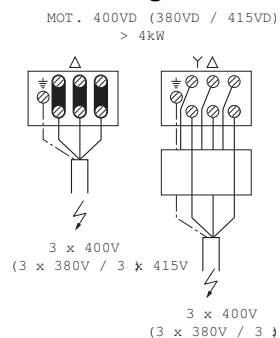
Data sheet: Wilo-Multivert MVI 7007/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7007/2
Art no.	4071199

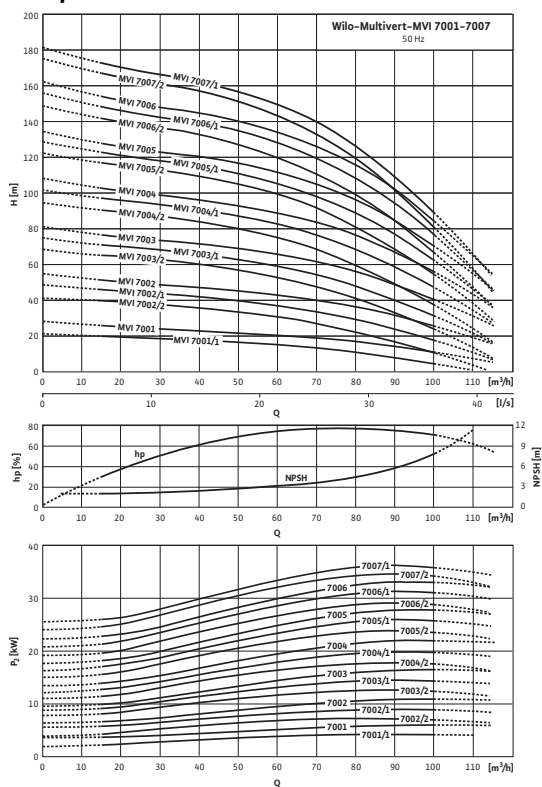
Data sheet: Wilo-Multivert MVI 7007/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	298.2 kg
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• = available, - = not available

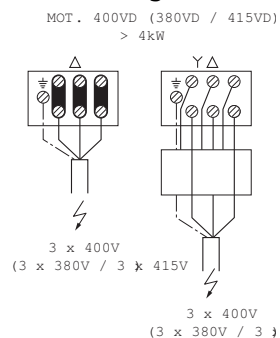
Data sheet: Wilo-Multivert MVI 7007/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 7007/1
Art no.	4071200

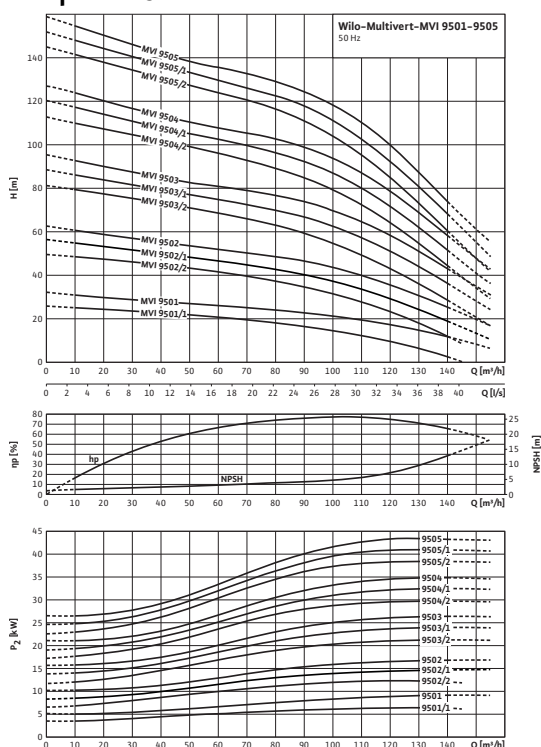
Data sheet: Wilo-Multivert MVI 7007/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	298.2 kg
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• = available, - = not available

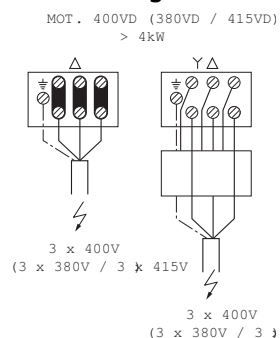
Data sheet: Wilo-Multivert MVI 9501/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m	89.8 %
Motor efficiency	η_m	90.5 %
Motor efficiency	η_m	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9501/1
Art no.	4082533

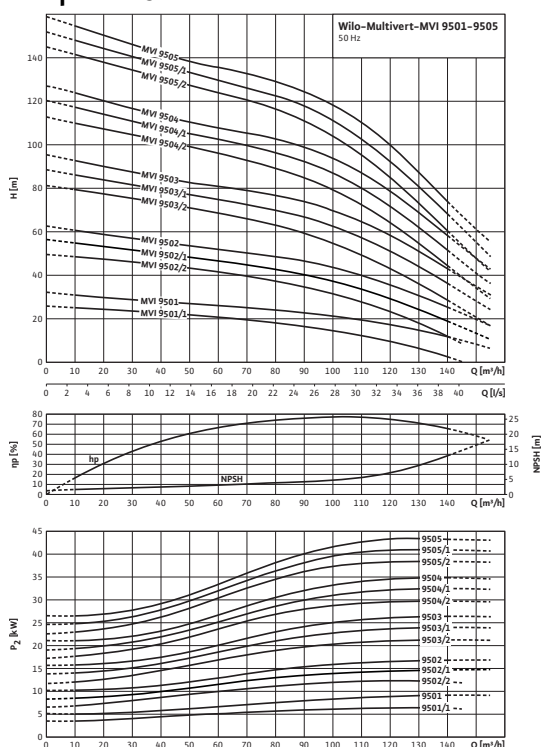
Data sheet: Wilo-Multivert MVI 9501/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	103.0 kg
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• = available, - = not available

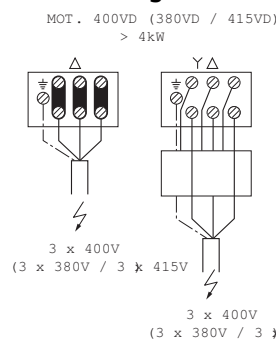
Data sheet: Wilo-Multivert MVI 9501 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	9.0 kW
Power consumption	P_1	9.88 kW
Nominal current 3~400 V, 50 Hz	I_N	15.6 A
Motor efficiency	η_m 50%	88.6 %
Motor efficiency	η_m 75%	90.1 %
Motor efficiency	η_m 100%	90.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9501
Art no.	4082534

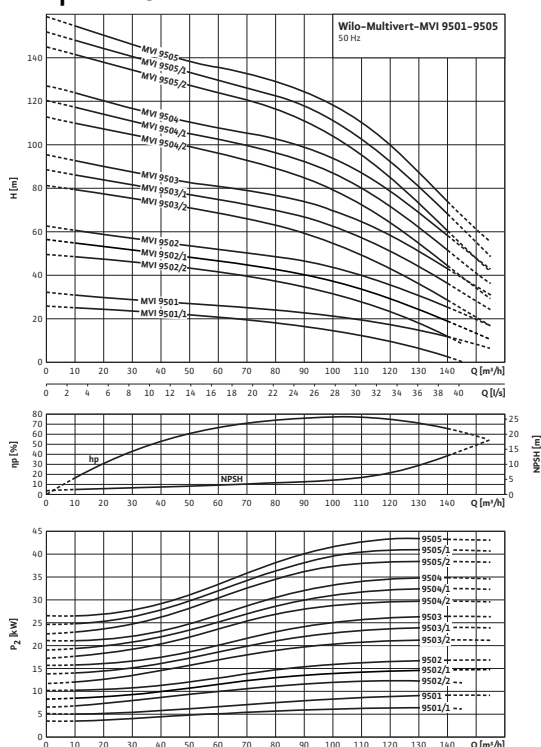
Data sheet: Wilo-Multivert MVI 9501 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	123.5 kg
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• = available, - = not available

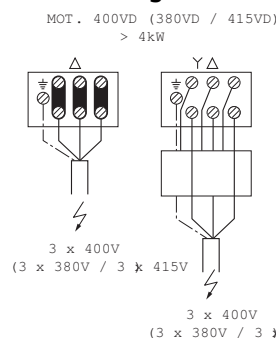
Data sheet: Wilo-Multivert MVI 9502/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502/2
Art no.	4082536

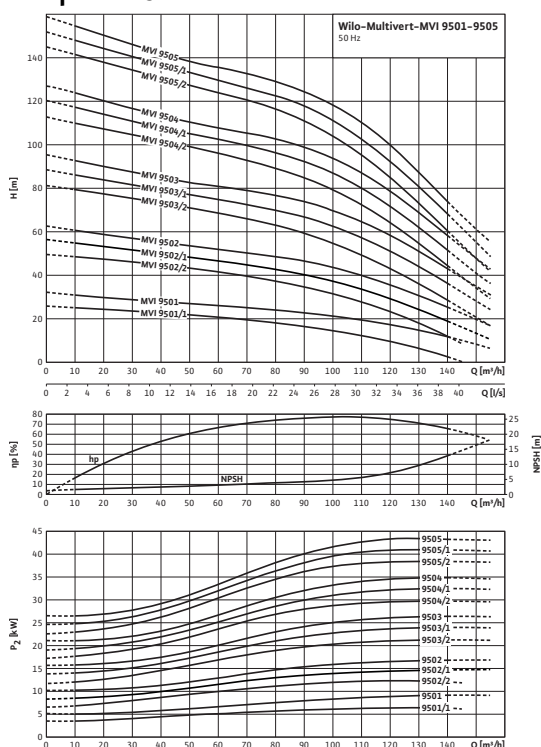
Data sheet: Wilo-Multivert MVI 9502/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	187.0 kg
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• = available, - = not available

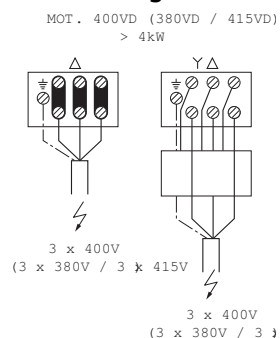
Data sheet: Wilo-Multivert MVI 9502/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502/1
Art no.	4082537

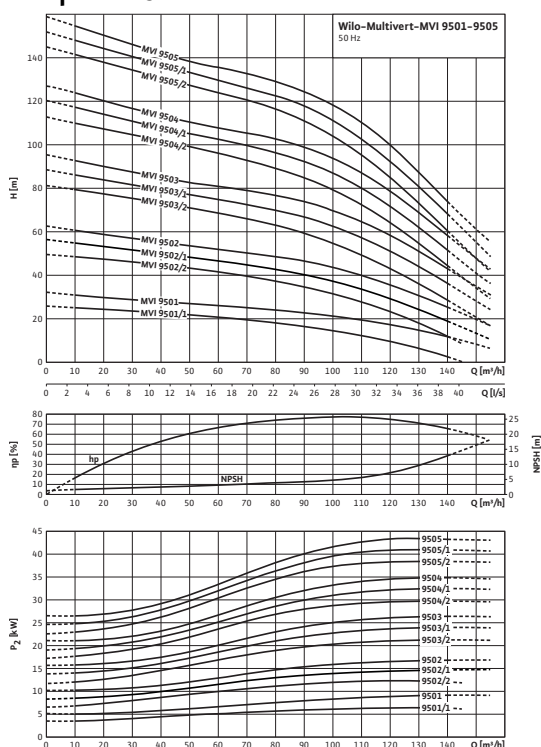
Data sheet: Wilo-Multivert MVI 9502/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	187.0 kg
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• = available, - = not available

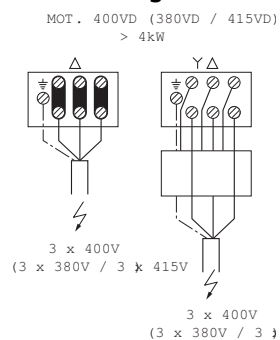
Data sheet: Wilo-Multivert MVI 9502 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	η_m 50%	90.4 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502
Art no.	4082538

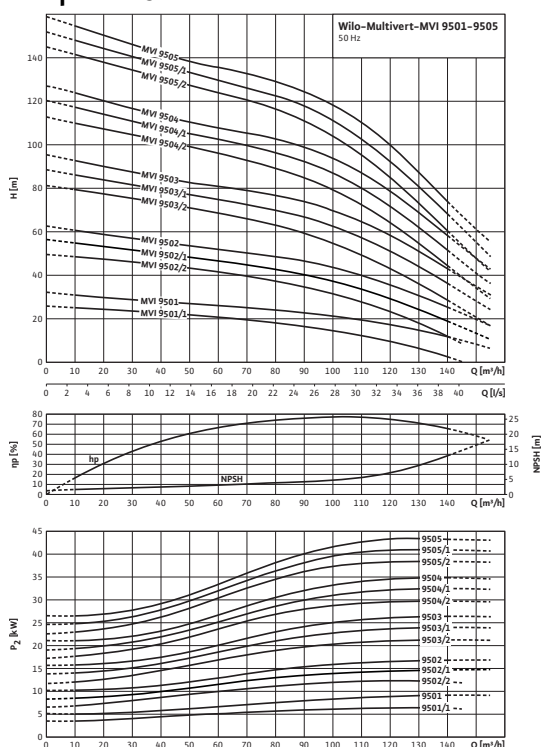
Data sheet: Wilo-Multivert MVI 9502 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	203.0 kg
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• = available, - = not available

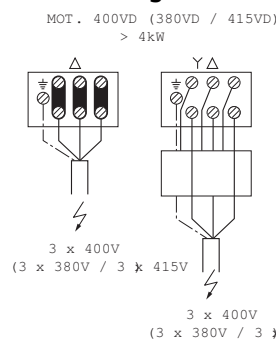
Data sheet: Wilo-Multivert MVI 9503/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	η_m 50%	90.8 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503/2
Art no.	4082539

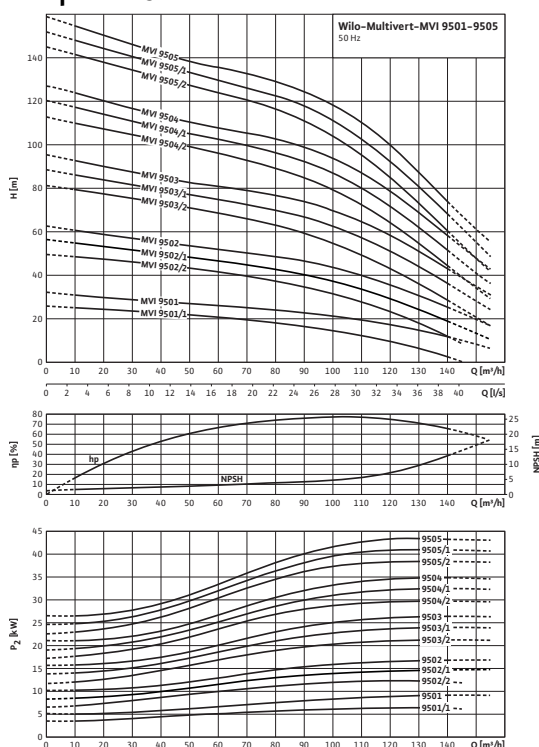
Data sheet: Wilo-Multivert MVI 9503/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	197.0 kg
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• = available, - = not available

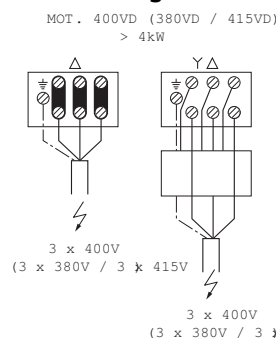
Data sheet: Wilo-Multivert MVI 9503/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503/1
Art no.	4082540

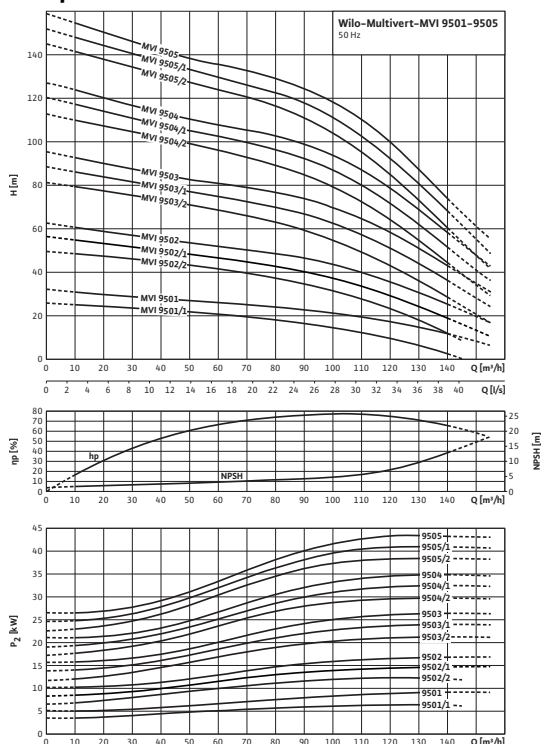
Data sheet: Wilo-Multivert MVI 9503/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	281.7 kg
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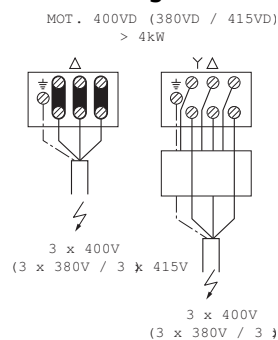
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9503 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503
Art no.	4082541

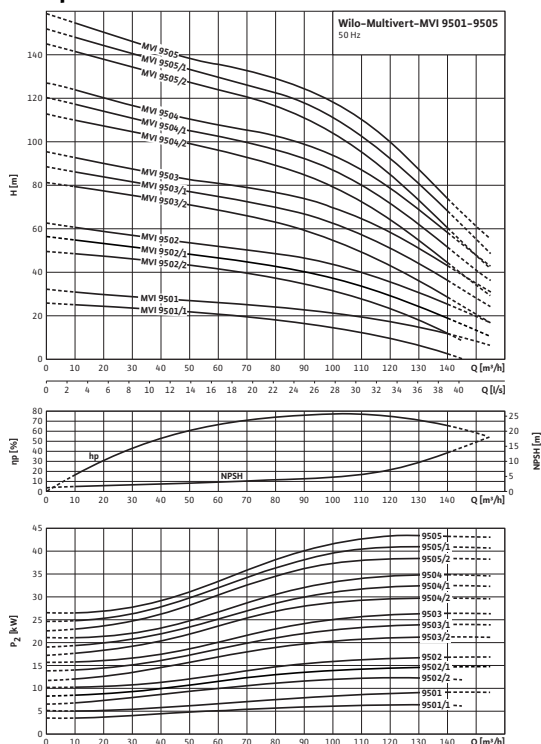
Data sheet: Wilo-Multivert MVI 9503 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	281.7 kg
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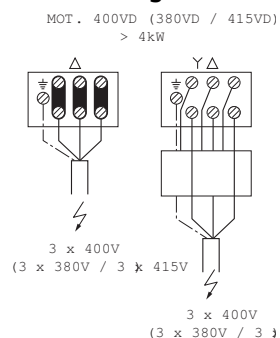
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9504/2 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504/2
Art no.	4082542

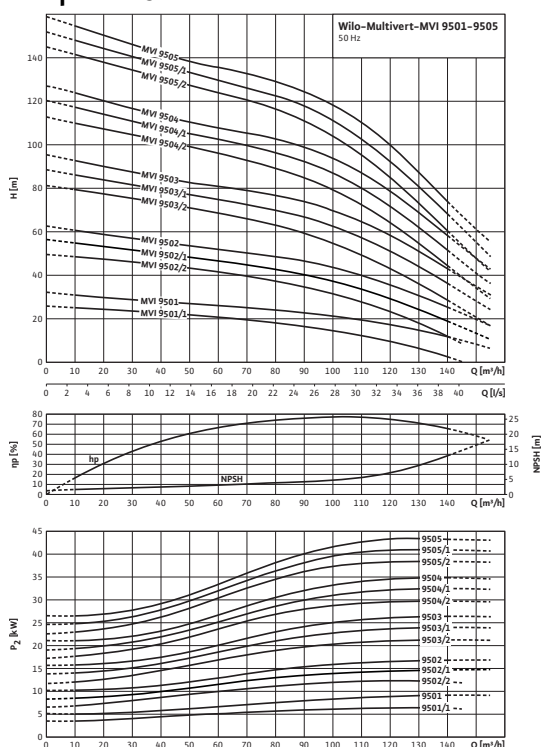
Data sheet: Wilo-Multivert MVI 9504/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	286.7 kg
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• = available, - = not available

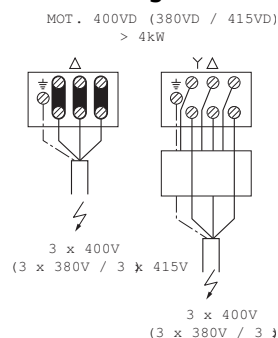
Data sheet: Wilo-Multivert MVI 9504/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m	94.1 %
Motor efficiency	η_m	94.3 %
Motor efficiency	η_m	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504/1
Art no.	4082543

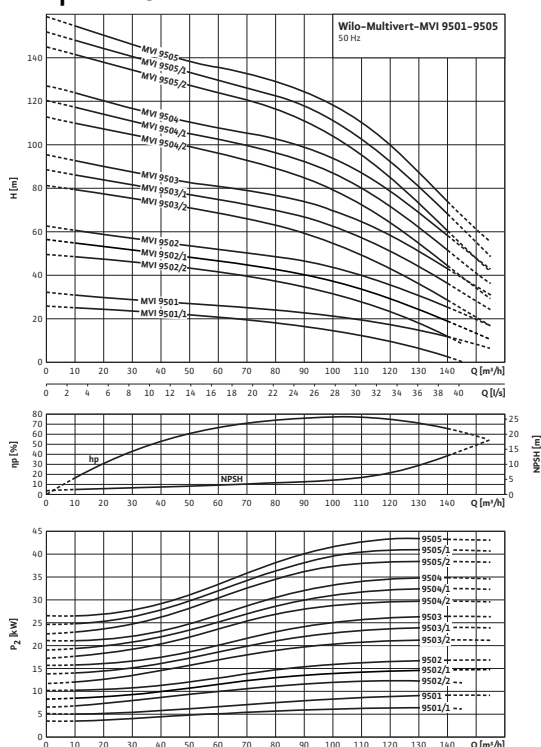
Data sheet: Wilo-Multivert MVI 9504/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	289.7 kg
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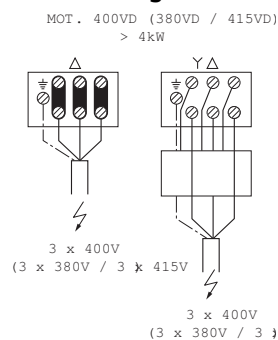
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9504 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	16 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 16
Rated pressure level (on the suction side)	P_N	PN 16

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504
Art no.	4082544

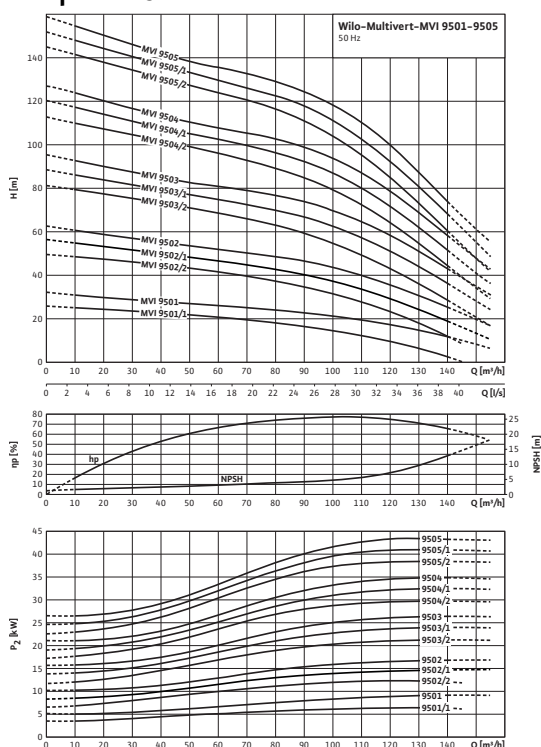
Data sheet: Wilo-Multivert MVI 9504 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	289.7 kg
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• = available, - = not available

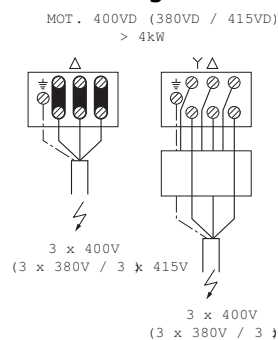
Data sheet: Wilo-Multivert MVI 9501/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	7.5 kW
Power consumption	P_1	8.32 kW
Nominal current 3~400 V, 50 Hz	I_N	13.7 A
Motor efficiency	η_m 50%	89.8 %
Motor efficiency	η_m 75%	90.5 %
Motor efficiency	η_m 100%	90.1 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9501/1
Art no.	4082560

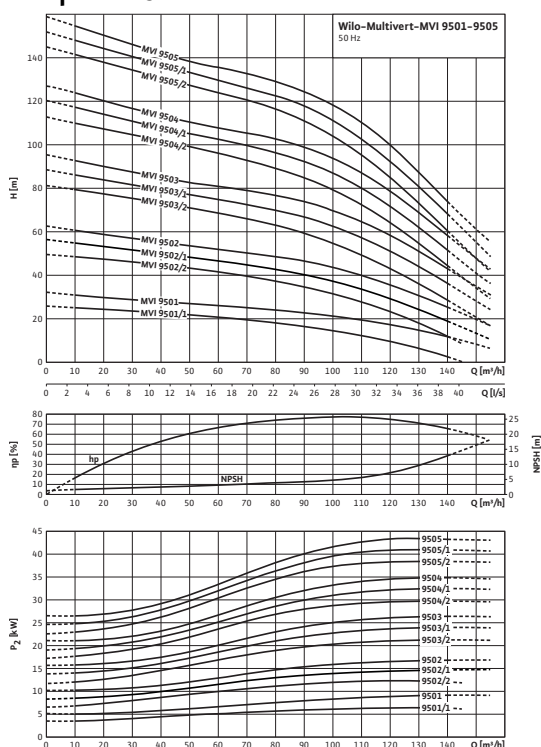
Data sheet: Wilo-Multivert MVI 9501/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	114.0 kg
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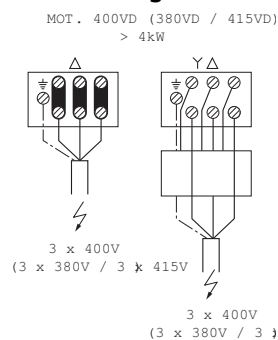
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9501 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	9.0 kW
Power consumption	P_1	9.88 kW
Nominal current 3~400 V, 50 Hz	I_N	15.6 A
Motor efficiency	η_m 50%	88.6 %
Motor efficiency	η_m 75%	90.1 %
Motor efficiency	η_m 100%	90.2 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9501
Art no.	4082561

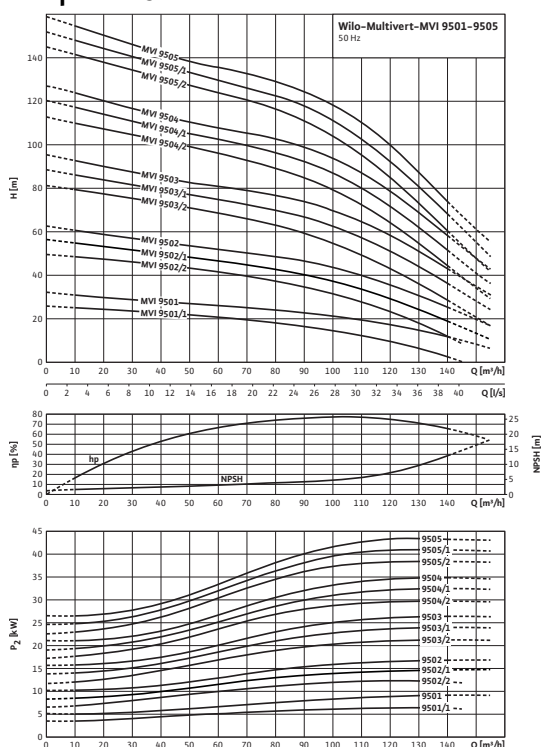
Data sheet: Wilo-Multivert MVI 9501 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	134.5 kg
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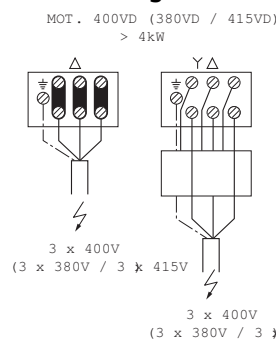
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9502/2 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502/2
Art no.	4082563

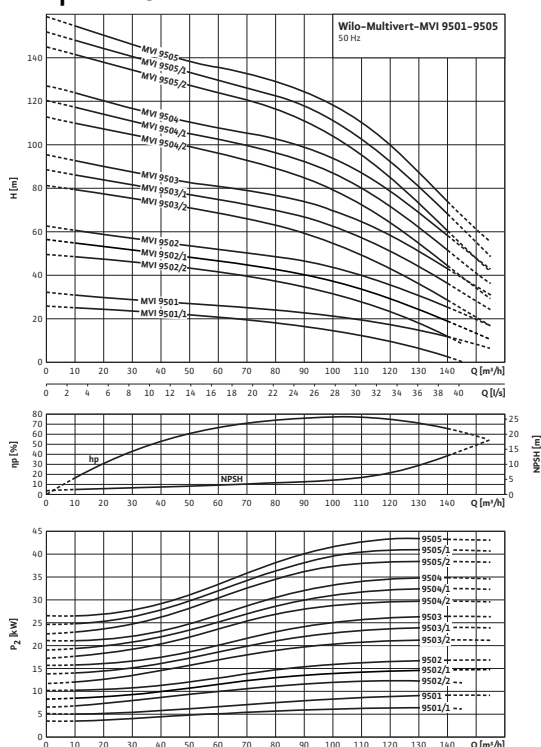
Data sheet: Wilo-Multivert MVI 9502/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	187.0 kg
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• = available, - = not available

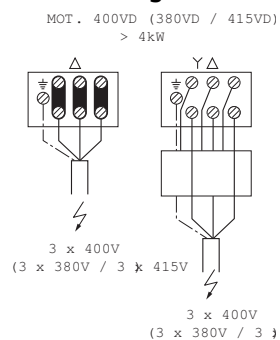
Data sheet: Wilo-Multivert MVI 9502/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	15.0 kW
Power consumption	P_1	16.4 kW
Nominal current 3~400 V, 50 Hz	I_N	25.2 A
Motor efficiency	η_m 50%	87.7 %
Motor efficiency	η_m 75%	89.9 %
Motor efficiency	η_m 100%	91.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502/1
Art no.	4082564

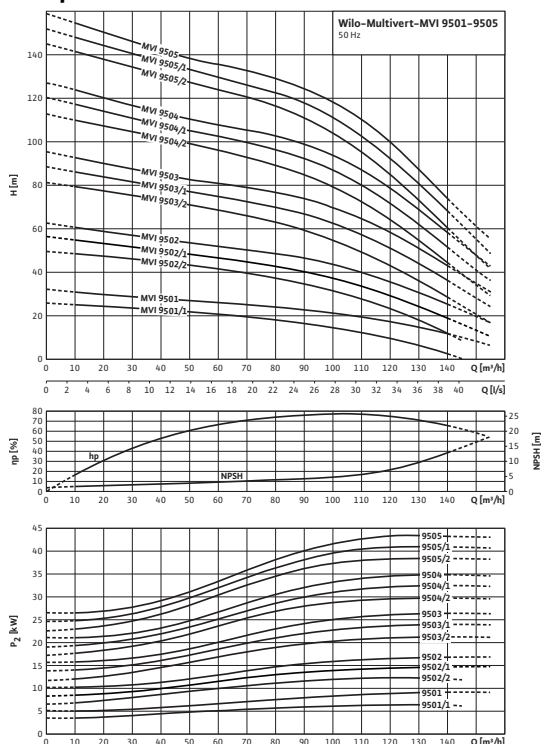
Data sheet: Wilo-Multivert MVI 9502/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	187.0 kg
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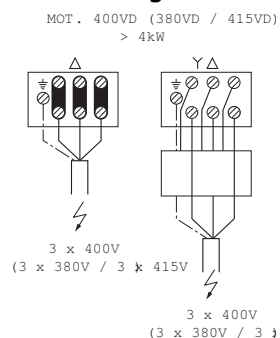
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9502 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	18.5 kW
Power consumption	P_1	20.1 kW
Nominal current 3~400 V, 50 Hz	I_N	31.4 A
Motor efficiency	η_m 50%	90.4 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.4 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9502
Art no.	4082565

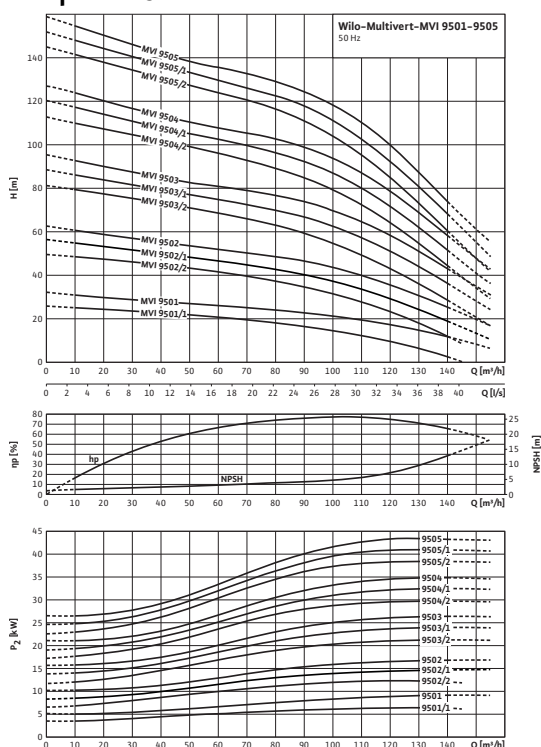
Data sheet: Wilo-Multivert MVI 9502 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	203.0 kg
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• = available, - = not available

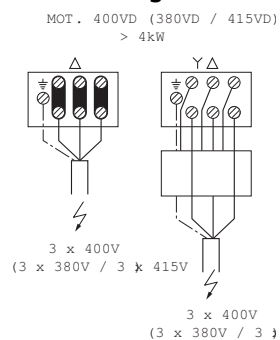
Data sheet: Wilo-Multivert MVI 9503/2 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	22.0 kW
Power consumption	P_1	24.3 kW
Nominal current 3~400 V, 50 Hz	I_N	38.0 A
Motor efficiency	η_m 50%	90.8 %
Motor efficiency	η_m 75%	92.3 %
Motor efficiency	η_m 100%	92.7 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503/2
Art no.	4082566

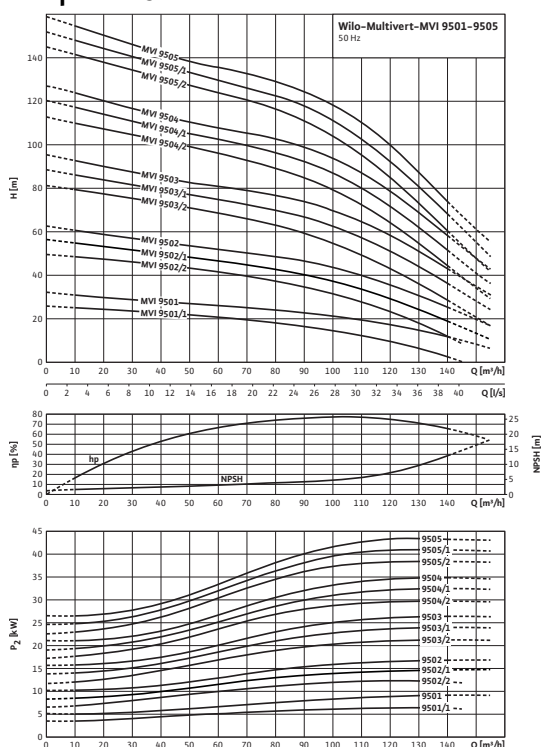
Data sheet: Wilo-Multivert MVI 9503/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	197.0 kg
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• = available, - = not available

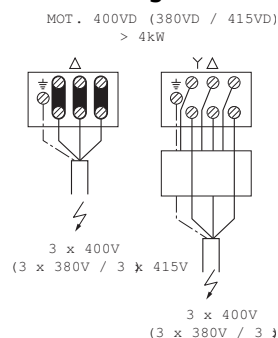
Data sheet: Wilo-Multivert MVI 9503/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503/1
Art no.	4082567

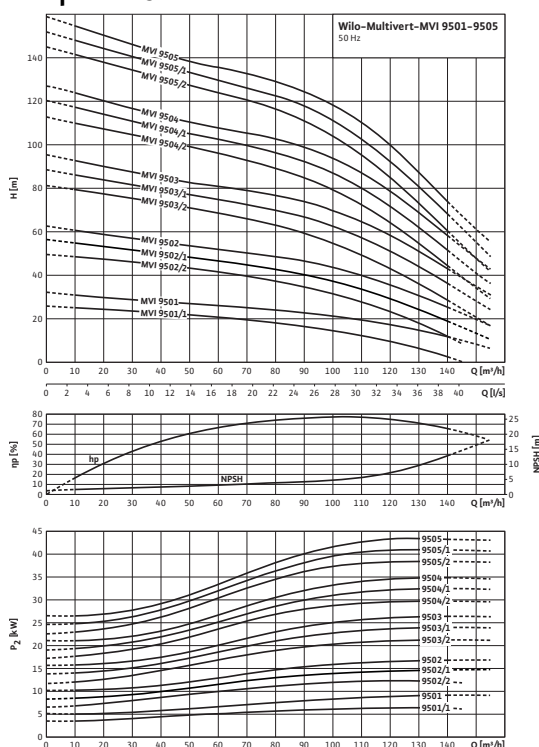
Data sheet: Wilo-Multivert MVI 9503/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	281.7 kg
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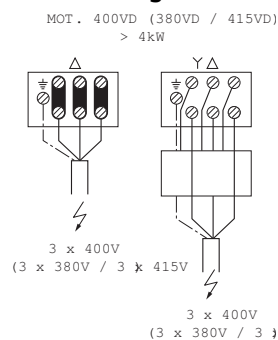
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9503 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9503
Art no.	4082568

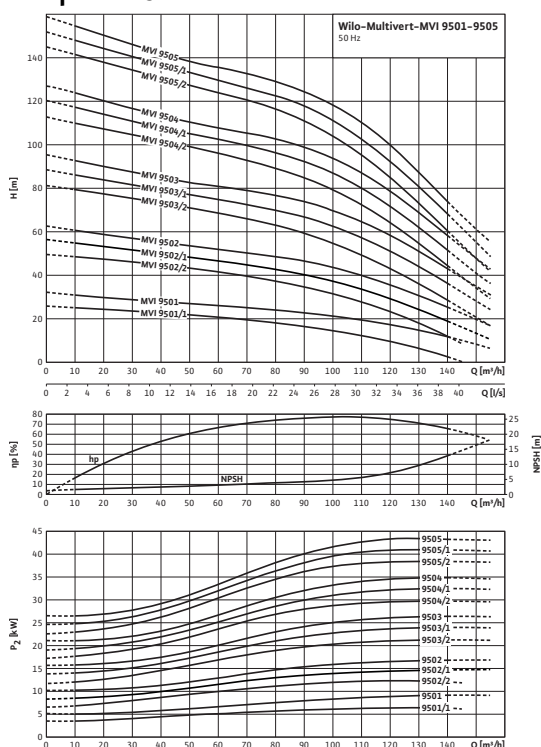
Data sheet: Wilo-Multivert MVI 9503 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	281.7 kg
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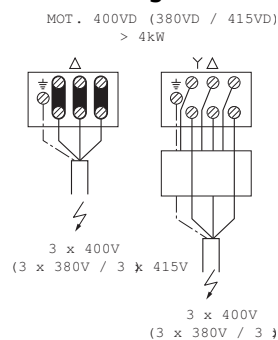
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9504/2 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	30.0 kW
Power consumption	P_1	31.2 kW
Nominal current 3~400 V, 50 Hz	I_N	52.2 A
Motor efficiency	η_m 50%	93.6 %
Motor efficiency	η_m 75%	93.9 %
Motor efficiency	η_m 100%	93.5 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504/2
Art no.	4082569

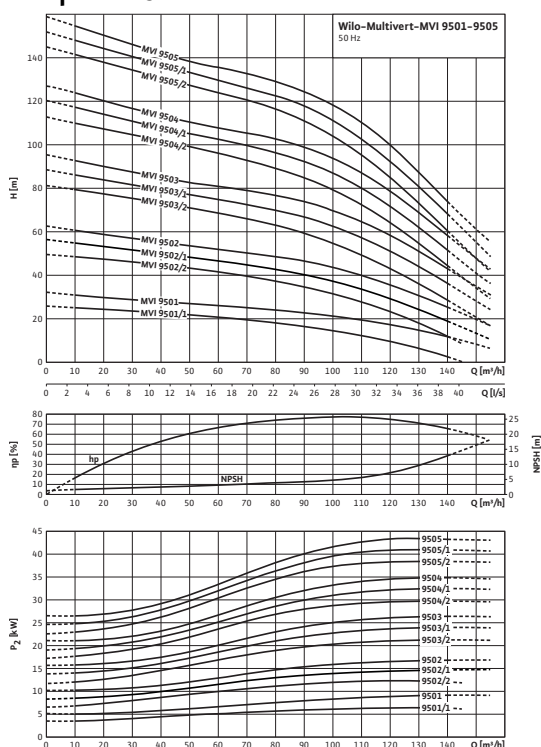
Data sheet: Wilo-Multivert MVI 9504/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	286.7 kg
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• = available, - = not available

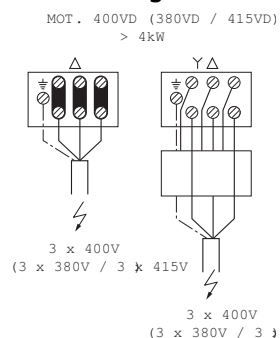
Data sheet: Wilo-Multivert MVI 9504/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504/1
Art no.	4082570

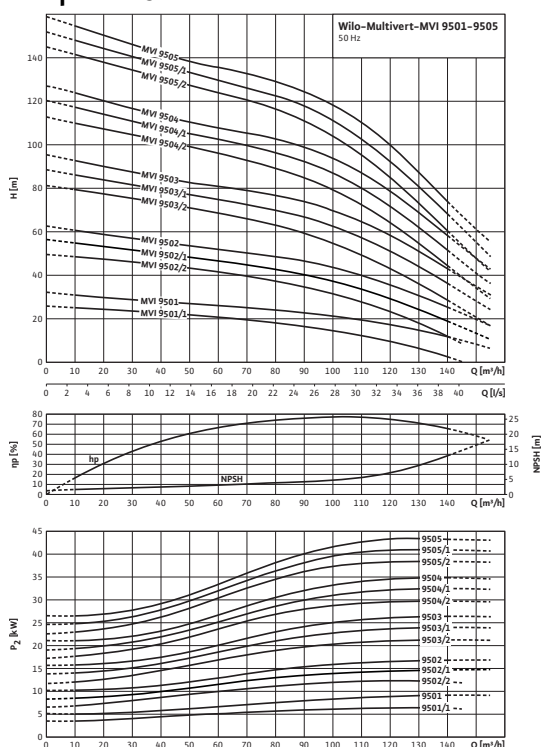
Data sheet: Wilo-Multivert MVI 9504/1 (3~400 V, EPDM,)

Weight approx.	m	289.7 kg
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• = available, - = not available

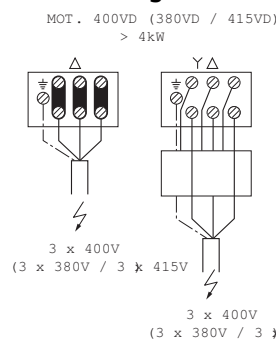
Data sheet: Wilo-Multivert MVI 9504 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	37.0 kW
Power consumption	P_1	39.9 kW
Nominal current 3~400 V, 50 Hz	I_N	63.2 A
Motor efficiency	η_m 50%	94.1 %
Motor efficiency	η_m 75%	94.3 %
Motor efficiency	η_m 100%	93.9 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9504
Art no.	4082571

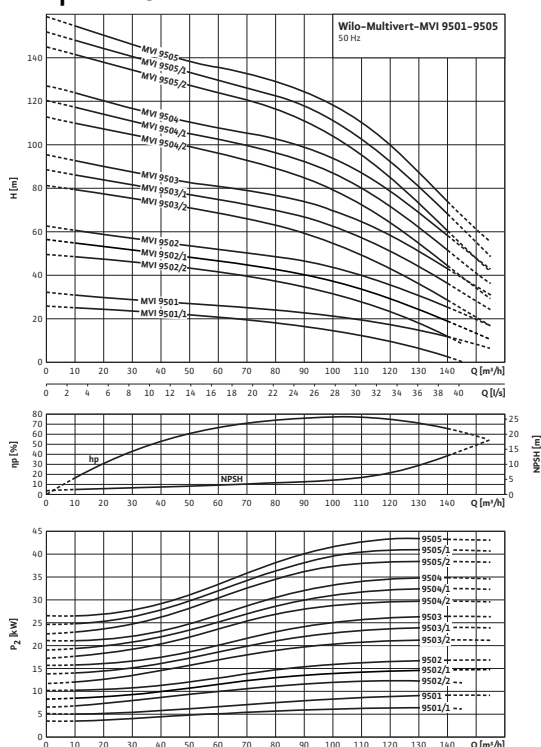
Data sheet: Wilo-Multivert MVI 9504 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	289.7 kg
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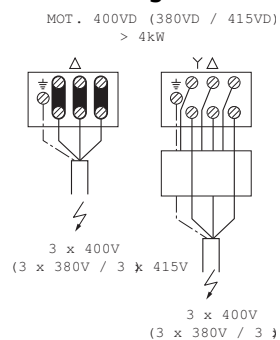
• = available, - = not available

Data sheet: Wilo-Multivert MVI 9505/2 (3~400 V, EPDM,)

Pump curves



Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	45.0 kW
Power consumption	P_1	47.8 kW
Nominal current 3~400 V, 50 Hz	I_N	79.1 A
Motor efficiency	η_m 50%	92.2 %
Motor efficiency	η_m 75%	93.7 %
Motor efficiency	η_m 100%	94.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9505/2
Art no.	4082572

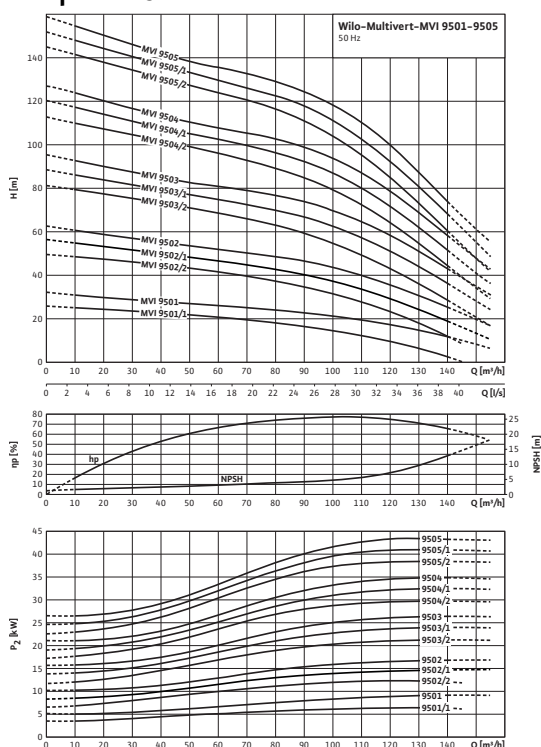
Data sheet: Wilo-Multivert MVI 9505/2 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	369.0 kg
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• = available, - = not available

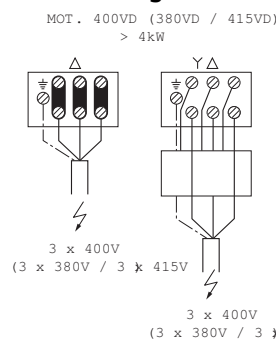
Data sheet: Wilo-Multivert MVI 9505/1 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	45.0 kW
Power consumption	P_1	47.8 kW
Nominal current 3~400 V, 50 Hz	I_N	79.1 A
Motor efficiency	η_m 50%	92.2 %
Motor efficiency	η_m 75%	93.7 %
Motor efficiency	η_m 100%	94.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9505/1
Art no.	4082573

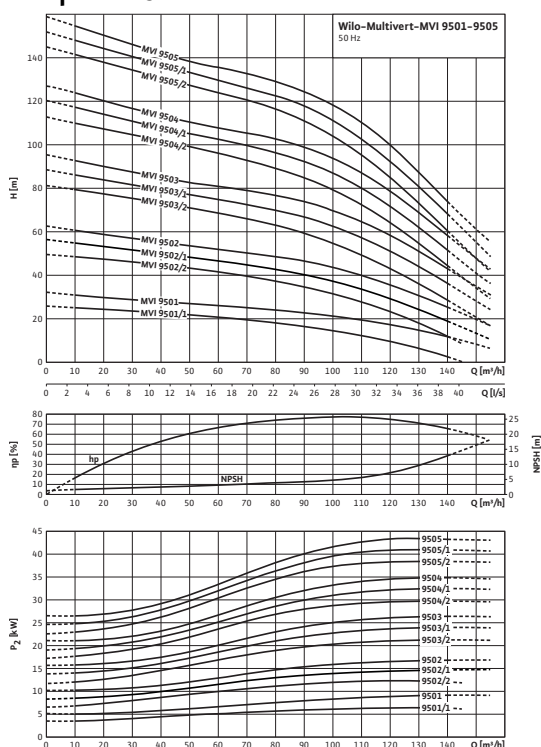
Data sheet: Wilo-Multivert MVI 9505/1 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	369.0 kg
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• = available, - = not available

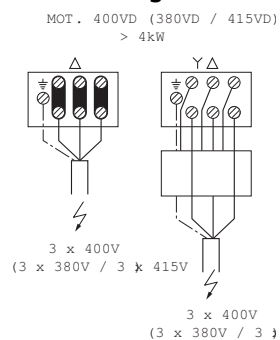
Data sheet: Wilo-Multivert MVI 9505 (3~400 V, EPDM,)

Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram



APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power

Fluid temperature	T	-15...+120 °C
Max. ambient temperature	T	40 °C
Maximum operating pressure	p_{max}	25 bar

Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	≥ 0.40
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Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	P_2	45.0 kW
Power consumption	P_1	47.8 kW
Nominal current 3~400 V, 50 Hz	I_N	79.1 A
Motor efficiency	η_m 50%	92.2 %
Motor efficiency	η_m 75%	93.7 %
Motor efficiency	η_m 100%	94.0 %

Connections

Flange nominal diameter (on the pressure side)	DN 100	
Flange nominal diameter (on the suction side)	DN 100	
Rated pressure level (on the pressure side)	P_N	PN 25
Rated pressure level (on the suction side)	P_N	PN 25

Materials

Impeller	1.4301 [AISI304]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Pump base	EN-GJL-250
Static seal	EPDM
Mechanical seal	U3BE3GG

Information for order placements

Make	Wilo
Type	MVI 9505
Art no.	4082574

Data sheet: Wilo-Multivert MVI 9505 (3~400 V, EPDM,)

Weight approx.	<i>m</i>	369.0 kg
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• = available, - = not available