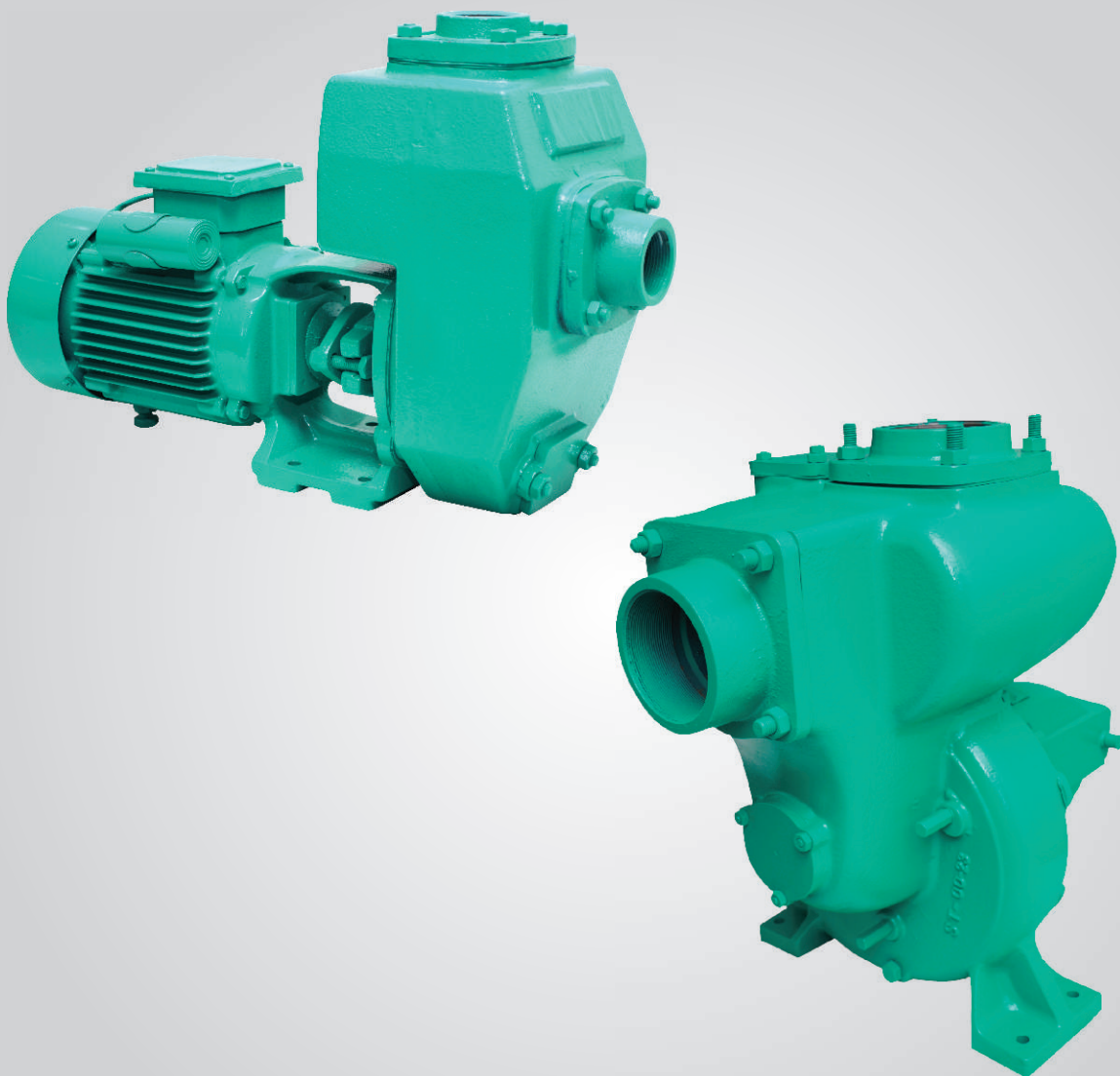


MNC

Self priming non clog pump
(available with motor or engine on request)



MNC

Self priming non clog pump (available with motor or engine on request)



Technical Data:

Flow: upto 4446LPM

Head: upto 34 mts

Power: upto 26 HP

Application:

→ De-watering from trenches and pits

→ Mud transfer

Designation of MNC Products

MNC	Pump Family MNC (M+P) Non-Clog Pump
01	Power (HP) Motor
1	Sr. No.
M	Monobloc
C1	Material of Construction - Impeller (CI/Bronze/SS)
GP	Sealing Construction
3	Phase
415	Voltage
50	Hz
2	Pole

Material of Construction

(Standard scope of supply)

→ Impeller	Cast Iron
→ Delivery Casting	Cast Iron
→ Shaft	Carbon Steel
→ Shaft sleeve	SS 410
→ Sealing arrangement	Non asbestos greased graphite gland except MNC011M

Material of Construction

(Optional scope of supply)

→ Impeller	Bronze / SS 304 / SS 316
→ Sealing arrangement	Mechanical seal

" We take care for your everyday water needs."



Standard Features:

- Self priming and back pull out design for easy maintenance
- Non clog and semi open impeller enables to handle solids up to 40 mm
- Non asbestos PTFE gland packing along with stuffing box arrangement
- Motors are with high operating efficiency and suitable for wide voltage fluctuations
- Replaceable wearing parts and rewind able motor.
- Stator and rotors are coated with rust proof solution for better corrosion resistance.

Selection Table

Pump Model	Power Rating		Rated Speed (RPM)	Pipe Size (mm)		Total Head (m)																Solid Size (mm)	Imp. Ø dia. (mm)	Dir. of Rotation							
	kW	HP		Suct.	Del.	6	8	10	12	14	15	16	18	19	20	22	24	25	26	28	30				32	34					
Monobloc Pumpsets						Discharge (LPM)																									
MNC011M	0.75	1.00	2900	40	40	330	300	266	228	162	138	86											7.00	116.00	ACW						
MNC022M	1.50	2.00	2900	40	40			408	372	318	295	268	200	160	120											8.50	134.00	ACW			
MNC033M	2.20	3.00	2900	50	50			564	540	516	474	444	378	342	306	216	126	60											10.50	144.30	ACW
MNC055M	3.70	5.00	1450	80	80	1110	1032	935	827	758	684	523	399	276											15.50	224.00	CW				
MNC056M	3.70	5.00	2900	80	80											532	502	456	428	409	342	295	209	133	7.00	174.00	ACW				
MNC077M	5.50	7.50	2900	80	80											846	831	817	798	770	678	570	439	291	14.50	174.00	ACW				
Motor Coupled																															
MNC011	0.75	1.00	2850	40	40	288	264	240	180	132	78											7.00	116.00	ACW							
MNC022	1.50	2.00	2850	40	40			366	330	282	258	216	174	132	90											8.50	134.00	ACW			
MNC033	2.20	3.00	2850	50	50			558	534	492	462	438	378	342	306	222	132	72											10.50	144.30	ACW
MNC055	3.70	5.00	1420	80	80	1182	1110	1032	936	810	720	576	342	210											15.50	224.00	CW				
MNC056	3.70	5.00	2900	80	80											532	502	456	428	409	342	295	209	133	7.00	174.00	ACW				
MNC077	5.50	7.50	2900	80	80											846	831	817	798	770	678	570	439	291	14.50	174.00	ACW				
MNC1010	7.50	10.00	1450	100	100	1900	1786	1653	1558	1482	1330	1254	1159	912	646	475											18.50	292.00	CW		
MNC1212	9.30	12.50	1450	100	100	2280	2138	1976	1900	1824	1682	1590	1464	1300	1060	923	764	325											23.00	292.00	CW
MNC2020	15.00	20.00	1450	150	150	3753	3515	3306	3183	3050	2774	2588	2405	1900	1330											34.00	296.00	ACW			
MNC2525	18.70	25.00	1450	150	150	4218	4093	3870	3756	3637	3323	3146	2947	2470	1921	1520	1123											40.00	296.00	ACW	
Engine Coupled																															
MNC055	4.50	6.00	1500	80	80	1044	912	858	732	516	372																				
MNC055	9.00	12.00	1800	80	80			1242	1218	1146	1104	1050	924	756	660	552	312	15.50	224.00	CW											
MNC1010	9.00	12.00	1500	100	100	1998	1866	1794	1716	1542	1440	1350	1158	918	762	588	15.50	224.00	CW												
MNC1212	10.50	14.00	1500	100	100	2310	2184	2124	2010	1890	1818	1740	1506	1236	1062	918	546	18.50	292.00	CW											
MNC2020	16.50	22.00	1500	150	150	3900	3780	3600	3534	3396	3078	2970	2772	2358	1878	1596	1248	23.00	292.00	CW											
MNC2525	19.50	26.00	1500	150	150	4446	4284	4128	4062	3912	3624	3588	3300	2934	2424	2196	1830	34.00	296.00	ACW											
																		40.00	296.00	ACW											

NOTE: Performance applicable to liquid of specific gravity 1 & Viscosity as of water.



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Tech. matter subject to change without prior notice