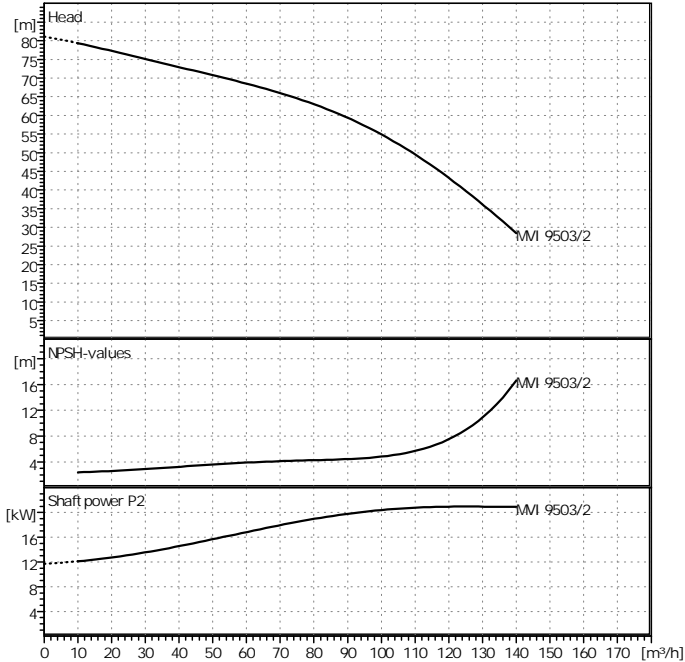




Customer \_\_\_\_\_ Project \_\_\_\_\_  
 Customer no. \_\_\_\_\_ Project no. \_\_\_\_\_  
 Contact \_\_\_\_\_ Position no. \_\_\_\_\_  
 Care of \_\_\_\_\_ Location \_\_\_\_\_  
 Date 2023-05-06



Requested data

|                     |             |        |
|---------------------|-------------|--------|
| Flow                | 0           | m³/h   |
| Head                | 0           | m      |
| Fluid               | Water, pure |        |
| Fluid temperature   | 20          | °C     |
| Density             | 0.9983      | kg/dm³ |
| Kinematic viscosity | 1.005       | mm²/s  |
| Vapor pressure      | 0.02337     | bar    |

Pump data

|                        |                    |    |
|------------------------|--------------------|----|
| Make                   | WILO               |    |
| Type                   | MVI 9503/2 PN16 3~ |    |
| Pumpe type             | Single head pump   |    |
| Pressure rating        | PN 16              |    |
| Min. fluid temperature | -15                | °C |
| Max. fluid temperature | 120                | °C |

Hydraulic data (duty point)

|                |      |       |
|----------------|------|-------|
| Flow           |      | m³/h  |
| Head           |      | m     |
| Speed          | 2900 | 1/min |
| Shaft power P2 |      | kW    |
| NPSH           |      | m     |

Materials / Shaft seal

|                 |                                    |
|-----------------|------------------------------------|
| Pump base       | EN-GJL 250 KTL beschichtet/covered |
| Impellers       | 1.4401                             |
| Stage chambers  | 1.4404                             |
| Pressure casing | 1.4301                             |
| Shaft           | 1.4404                             |
| Seals           | EPDM                               |
| Mechanical seal | Wolfram carbide/graphit            |

Dimensions per pump

|    |      |  |  |  |  |  |
|----|------|--|--|--|--|--|
|    | mm   |  |  |  |  |  |
| H  | 1400 |  |  |  |  |  |
| X  | 249  |  |  |  |  |  |
| h2 | 881  |  |  |  |  |  |
| M  | 370  |  |  |  |  |  |
| K  | 8x19 |  |  |  |  |  |

|                |               |
|----------------|---------------|
| Suction side   | DN100 / PN 16 |
| Discharge side | DN100 / PN 16 |
| Weight         | 212.5 kg      |

Motordata per Motor/Pump/

|                             |                |       |
|-----------------------------|----------------|-------|
| Rated power P2              | 22             | kW    |
| Nominal speed               | 2950           | 1/min |
| Rated voltage               | 3~400 V, 50 Hz |       |
| Max. current                | 38.1           | A     |
| Degree of protection        | IP 55          |       |
| Permitted voltage tolerance | +/- 10%        |       |

Item no. of standard version 4082539

