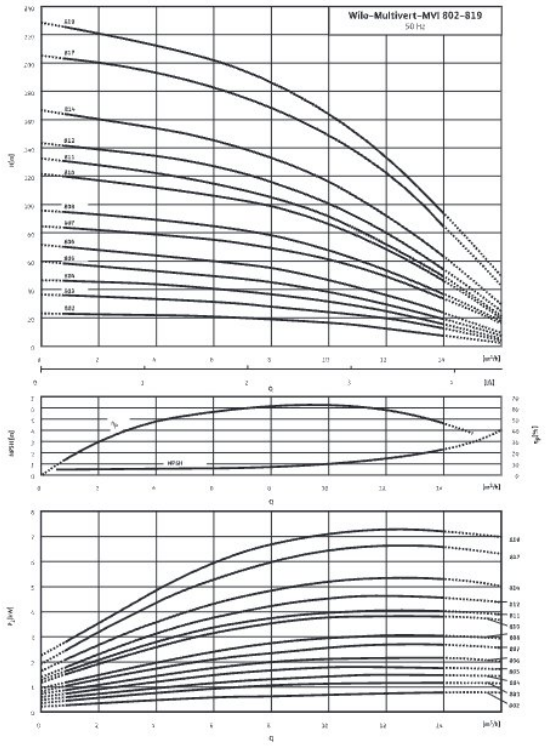
# Data sheet: Wilo-Multivert MVI 805 (3~400 V, EPDM, PN 16)

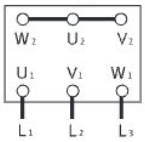
## Pump curves



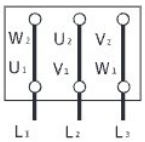

Pump curves in accordance with ISO 9906, class 2

## Terminal diagram

### Three-phase current ≤ 4 kW




3~400 V Y




3~230 V Δ

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| 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 | $P_2$ | 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 |