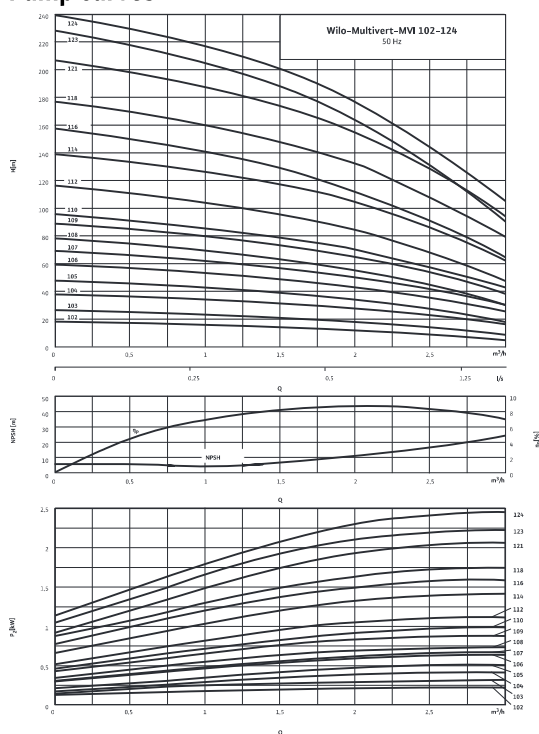


## Data sheet: Wilo-Multivert MVI 121 (3~400 V, EPDM, PN 25)

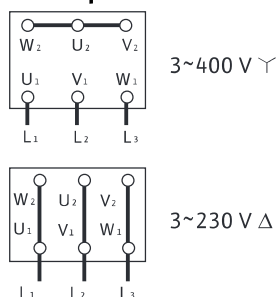
### Pump curves



Pump curves in accordance with ISO 9906, class 2

### Terminal diagram

#### Three-phase current $\leq 4$ 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) | $\geq 0.40$ |
|--------------------------------|-------------|

### 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               | $\eta_m$<br>50%  | 82.0 %  |
| Motor efficiency               | $\eta_m$<br>75%  | 83.2 %  |
| Motor efficiency               | $\eta_m$<br>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 |