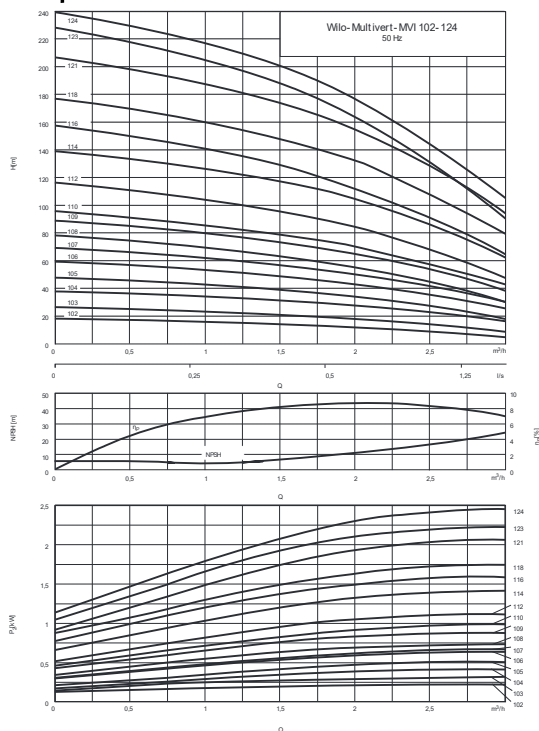


## Data sheet: Wilo-Multivert MVI 103 (3~400 V, EPDM, PN 16)

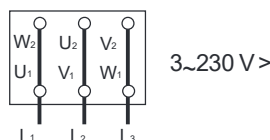
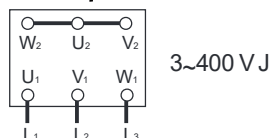
### Pump curves



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