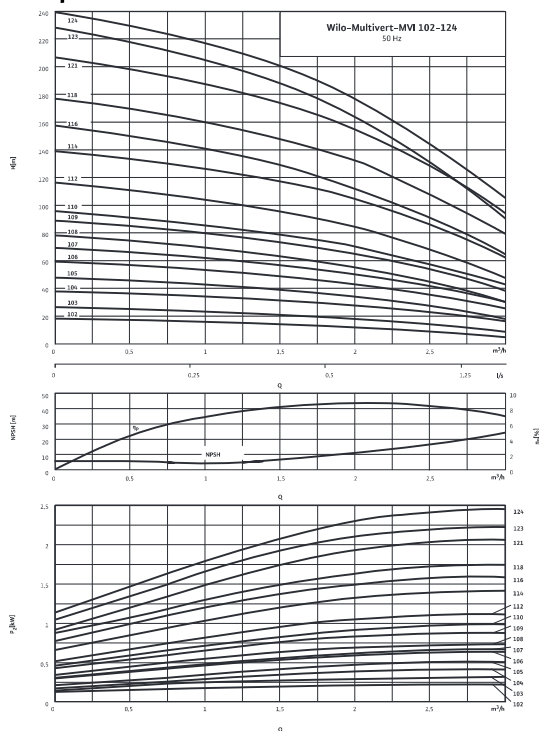


## Data sheet: Wilo-Multivert MVI 105 (3~400 V, FKM, PN 25)

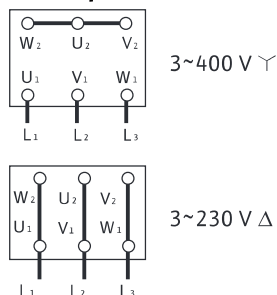
### Pump curves



Pump curves in accordance with ISO 9906, class 2

### Terminal diagram

#### Three-phase current $\leq 4$ kW



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### Power

Fluid temperature	$T$	-15...+90 °C
Max. ambient temperature	$T$	40 °C
Maximum operating pressure	$p_{max}$	25 bar

### Minimum Efficiency Index (MEI)

Minimum Efficiency Index (MEI)	$\geq 0.40$
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### Motor

Insulation class	F	
Protection class	IP 55	
Mains connection	3~400 V, 50 Hz	
Nominal motor power	$P_2$	0.55 kW
Power consumption	$P_1$	0.73 kW
Nominal current 3~230 V, 50 Hz	$I_N$	2.27 A
Nominal current 3~400 V, 50 Hz	$I_N$	1.31 A
Motor efficiency	$\eta_m$ 50%	73.0 %
Motor efficiency	$\eta_m$ 75%	75.0 %
Motor efficiency	$\eta_m$ 100%	75.5 %

### 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 16
Rated pressure level (on the suction side)	$PN$	PN 16

### Materials

Impeller	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	Q1BVGG

### Information for order placements

Make	Wilo
Type	MVI 105
Art no.	4070497