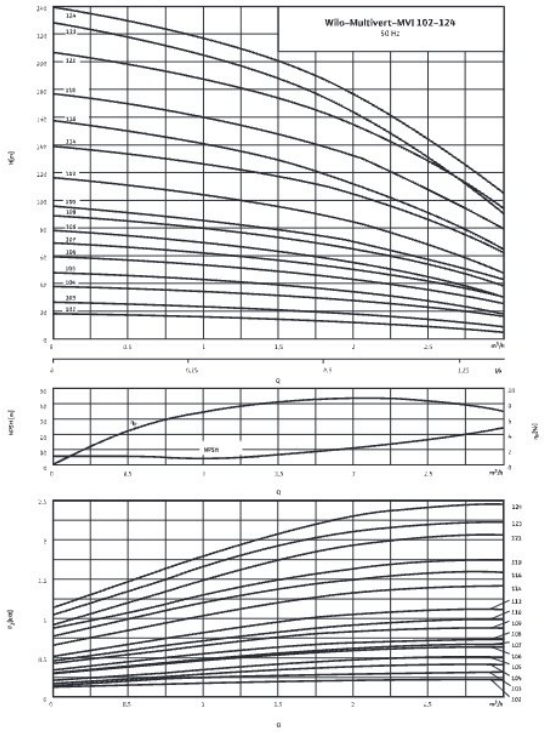
Data sheet: Wilo-Multivert MVI 105 (3~400 V, FKM, PN 25)

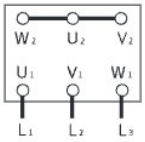
Pump curves



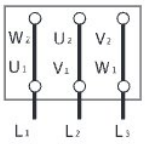
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ

ErP READY — APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

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)		≥ 0.40
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