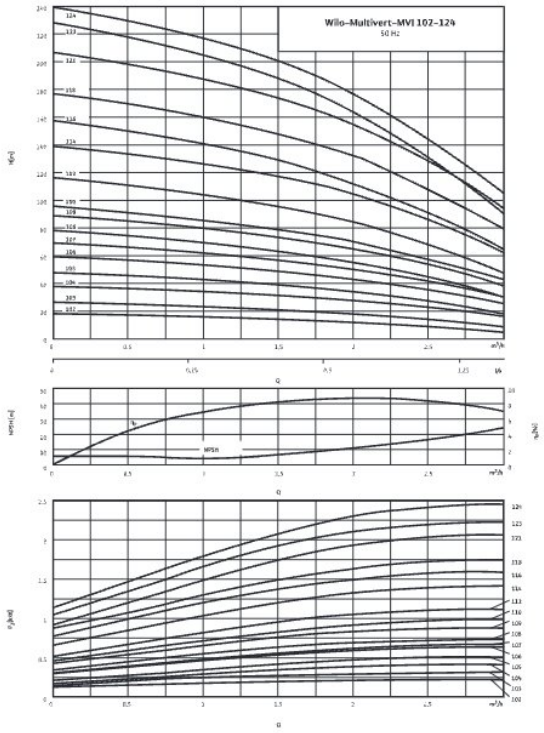
Data sheet: Wilo-Multivert MVI 105 (3~400 V, EPDM, PN 16)

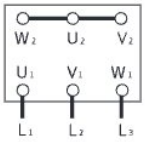
Pump curves



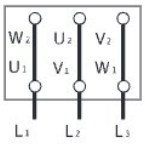
Pump curves in accordance with ISO 9906, class 2

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	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		
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 105
Art no.		4070471