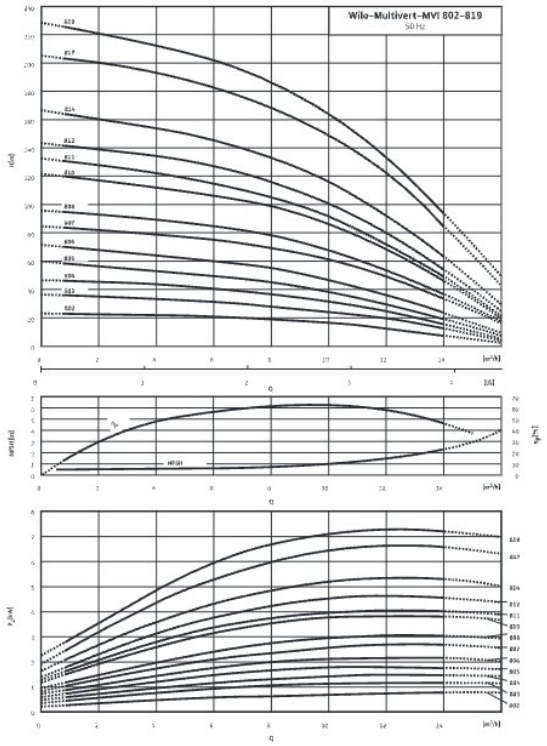
Data sheet: Wilo-Multivert MVI 812 (3~400 V, EPDM, PN 16)

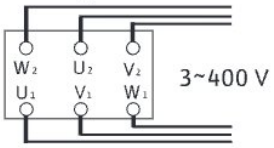
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≥ 5.5 kW; Y-Δ-direct starting



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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	5.5 kW
Power consumption	P_1	6.24 kW
Nominal current 3~400 V, 50 Hz	I_N	10.7 A
Motor efficiency	$\eta_{m\ 50\%}$	85.2 %
Motor efficiency	$\eta_{m\ 75\%}$	86.9 %
Motor efficiency	$\eta_{m\ 100\%}$	88.1 %
Connections		
Nominal diameter, oval flange (on the pressure side)		G 1½
Nominal diameter, oval flange (on the suction side)		G 1½
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 812
Art no.		4024741
Weight approx.	*m*	58.0 kg

• = available, - = not available