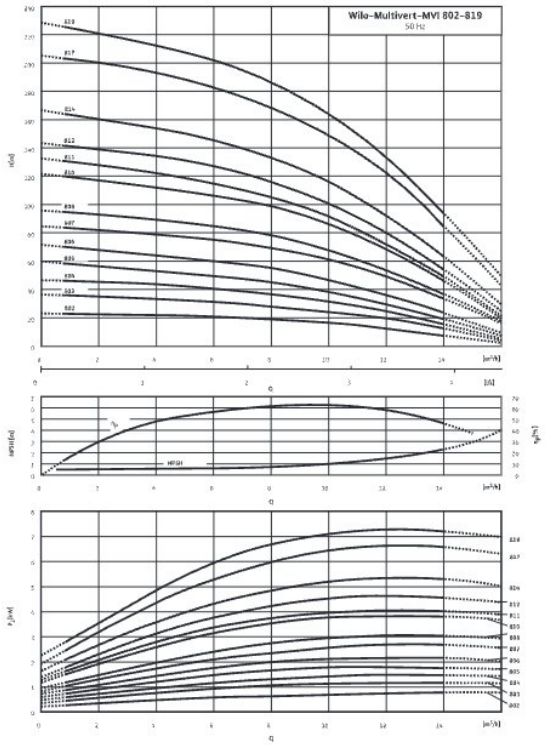
Data sheet: Wilo-Multivert MVI 814 (3~400 V, EPDM, PN 25)

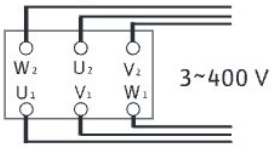
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

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



ErP READY — APPLIES TO EUROPEAN DIRECTIVE FOR ENERGY RELATED PRODUCTS

Power		
Fluid temperature	T	-15...+120 °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	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		
Flange nominal diameter (on the pressure side)		DN 40
Flange nominal diameter (on the suction side)		DN 40
Rated pressure level (on the pressure side)	PN	PN 25
Rated pressure level (on the suction side)	PN	PN 25
Materials		
Impeller		1.4301 [AISI304]
Pump housing		1.4301 [AISI304]
Pump shaft		1.4301 [AISI304]
Static seal		EPDM
Mechanical seal		U3BE3GG
Information for order placements		
Make		Wilo
Type		MVI 814
Art no.		4024756
Weight approx.	m	60.0 kg

• = available, - = not available