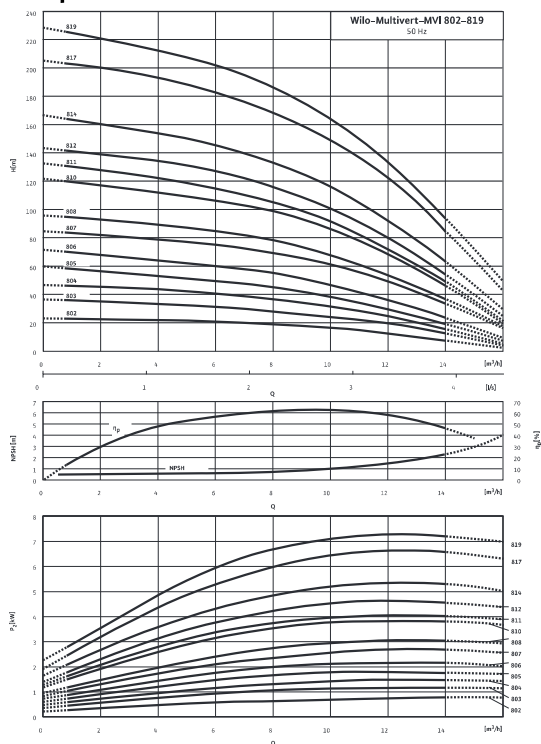


Data sheet: Wilo-Multivert MVI 814 (3~400 V, FKM, PN 25)

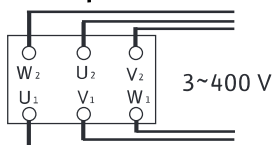
Pump curves



Pump curves in accordance with ISO 9906, class 2

Terminal diagram

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



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
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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	η_m 50%	85.2 %
Motor efficiency	η_m 75%	86.9 %
Motor efficiency	η_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	1.4404 [AISI316L]
Pump housing	1.4404 [AISI316L]
Pump shaft	1.4404 [AISI316L]
Static seal	FKM
Mechanical seal	U3BVGG

Information for order placements

Make	Wilo	
Type	MVI 814	
Art no.	4019088	
Weight approx.	m	60.0 kg

• = available, - = not available