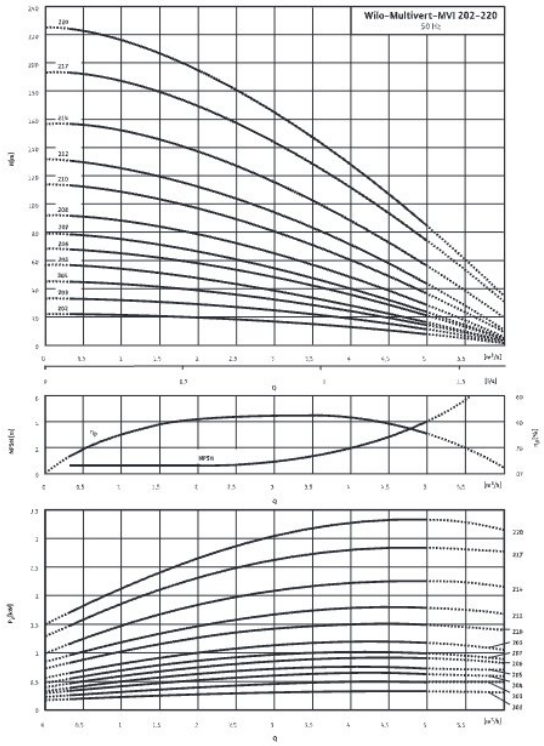
Data sheet: Wilo-Multivert MVI 205 (3~400 V, EPDM, PN 16)

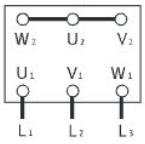
Pump curves



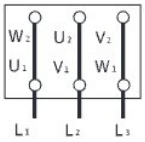
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ

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}	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	0.75 kW
Power consumption	P_1	0.97 kW
Nominal current 3~230 V, 50 Hz	I_N	3.06 A
Nominal current 3~400 V, 50 Hz	I_N	1.77 A
Motor efficiency	$\eta_{m\ 50\%}$	76.0 %
Motor efficiency	$\eta_{m\ 75\%}$	77.4 %
Motor efficiency	$\eta_{m\ 100\%}$	77.4 %

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 205
Art no.	4024665