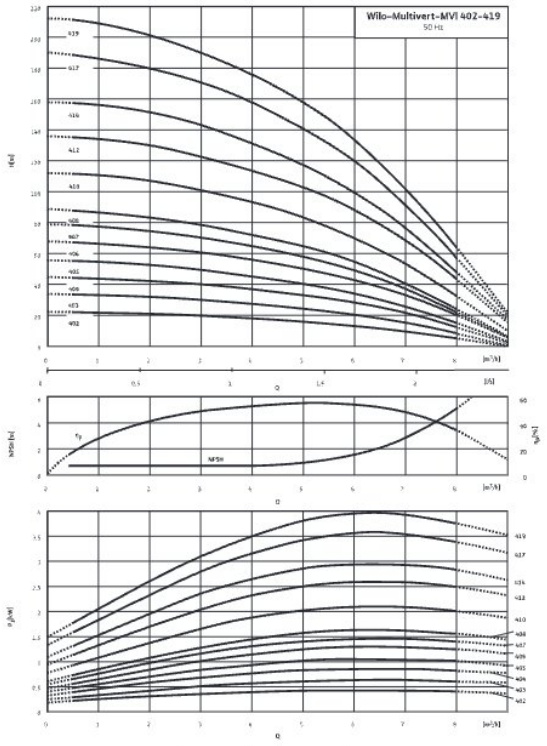
Data sheet: Wilo-Multivert MVI 414 (3~400 V, FKM, PN 25)

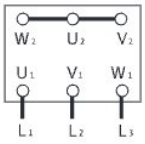
Pump curves



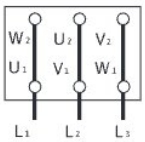
Pump curves in accordance with ISO 9906, class 2

Terminal diagram

Three-phase current ≤ 4 kW



3~400 V Y



3~230 V Δ

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Power		
Fluid temperature	T	-15...+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
Motor		
Insulation class		F
Protection class		IP 55
Mains connection		3~400 V, 50 Hz
Nominal motor power	P_2	3.0 kW
Power consumption	P_1	3.55 kW
Nominal current 3~230 V, 50 Hz	I_N	11.6 A
Nominal current 3~400 V, 50 Hz	I_N	6.7 A
Motor efficiency	$\eta_{m\ 50\%}$	82.5 %
Motor efficiency	$\eta_{m\ 75\%}$	85.0 %
Motor efficiency	$\eta_{m\ 100\%}$	84.6 %
Connections		
Flange nominal diameter (on the pressure side)		DN 32
Flange nominal diameter (on the suction side)		DN 32
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 414
Art no.		4019074