



Design

Non-self-priming multistage pump

Features/ Products Advantages

- Corrosion-resistant impellers, diffusers and stage housing
- Drinking water approval for all components that come in contact with the fluid (EPDM version)
- MVI 1..-8.. All parts that in contact with the fluid are made of stainless steel
- MVI 32, 52, 70, 95 are in stainless steel and/or with pump housing made of catapgoretic-coated cast iron
- All relevant component have KTW and WRAS approval

Type key

Example:	MVI 7002/1-1/16/E/3-400-50-2
MVI	Vertical high-pressure multistage centrifugal pump
70	Flow rate in m³/h
02	Number of impellers
1	Number of trimmed impellers;
1	Material
	1 = 1.4301 (AISI 304); (only MVI 2,4,8,16/6)
	2 = 1.4404 (AISI 316L)
	3 = pump housing EN-GJL-250 (cataphoretic coating), hydraulics 1.4301 (AISI 304):
16	Flange type
	16 = flange PN16 (round or oval)
	25 = flange PN25 (round or oval)
E	Gasket type
	E = EPDM
	V = FKM (Viton)
	1 = 1~(single-phase current); 3 = 3~ (three-phase current)
400	Connection voltage in V
50	Frequency in Hz
2	Number of poles

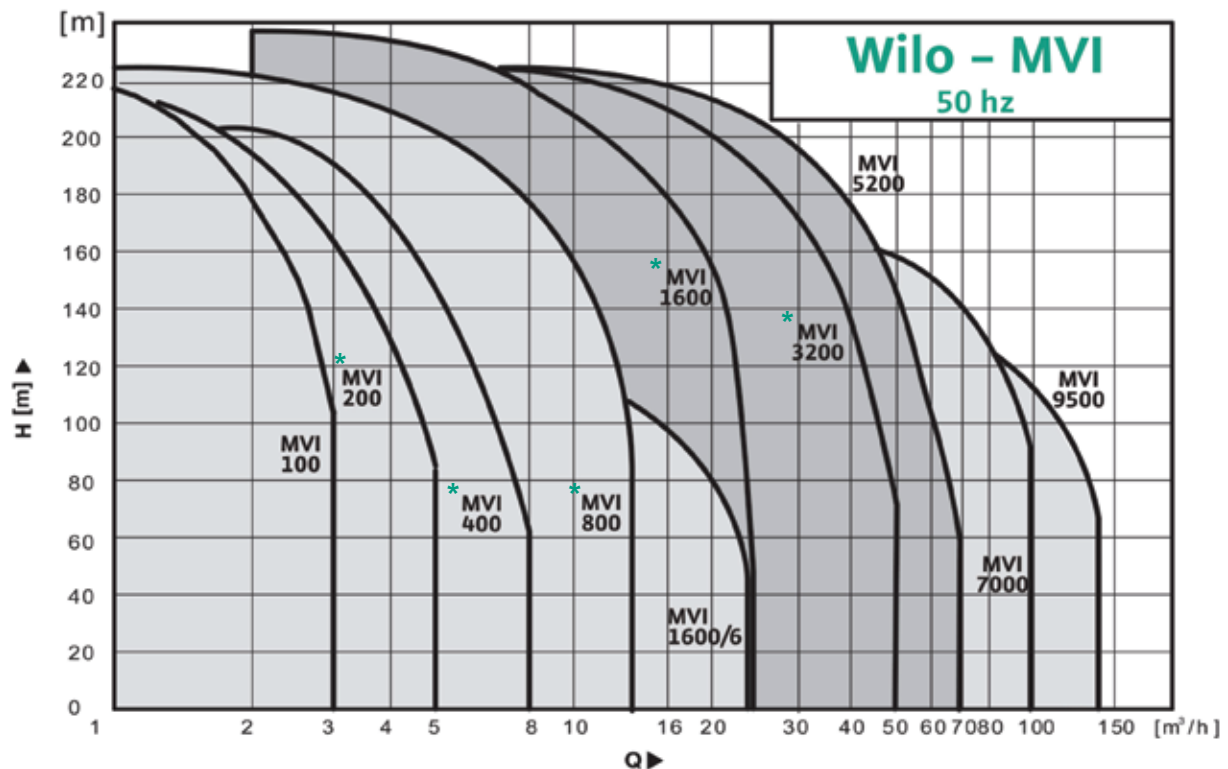
Application

- Water supply and pressure boosting
- Fire extinguishing systems
- Boiler feed
- Industrial circulation systems
- Process engineering
- Cooling water circulation systems
- Washing and sprinkling systems

Wilo - Multivert MVI (Overview Range)

	2..	4..	8..	16-6..	16..	32..	52..	70..	95..
Max. volume flow (m³/h)	5	8	14	25	25	50	70	100	140
Max. delivery head (m)	230	210	230	130	240	220	180	172	150
Fluid temperature	-15°C...120°C								
Max. ambient temperature	40	40	40	40	40	40	40	40	40
Operating pressure	16/25	16/25	16/25	16/25	16/25	16/25	16/25	16/25	16/25
Inlet pressure	10	10	10	10	10	10	10	10	10
Nominal speed	2950								

TECHNICAL DATA



* Note: Standard Stock

Materials	Wilo - Multivert MVI		
	2/4/8/16-6	16/32/52	70/95
Pump base EN-GJL-250 with cataphorec coating, hydraulics in AISI 304/316L	-	•	•
Parts in contact with fluid in AISI 304	•	-	•
Parts in contact with fluid in AISI 316L	•	•	-
Seal Version			
Seal	EPDM/Viton	EPDM/Viton	EPDM
Hydraulic connection			
Threaded connection	-	-	-
Oval flange	•	-	-
Round flange	•	•	•
Motor version			
Individual motors	optional	optional	optional
1~230V, 50 Hz	•	-	-
3~400V, 50 Hz	•	• (up to P = 4 Kw for 230/400 V; from P + 5.5 kW and higher only 400 V)	•
3~500V, 50 Hz	optional	optional	optional
Protection class	IP 55	IP 55	IP 55
Speed can be controlled via external FC	•	•	•

Note: - not available; • available