

## Series description: Wilo-Multivert MVIS

Wilo-Multivert MVIS



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### Design type

Non-self-priming multistage pump with glandless pump motor

### Application

- Water supply and pressure boosting systems

### Equipment/function

- Non self-priming vertical high-pressure multistage centrifugal pump of in-line design
- Three-phase current motor in glandless pump version
- Hydraulic connection with oval flanges PN 16

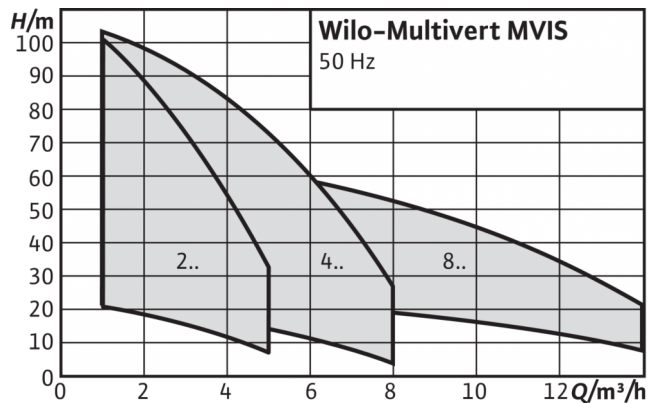
### Scope of delivery

- Wilo-Multivert MVIS high-pressure multistage centrifugal pump
- Stainless steel counter flanges Rp 1 to Rp 1½ with the corresponding screws, nuts and gaskets
- Installation and operating instructions

### Type key

Example:	MVIS 402-1/16/K/3-400-50-2
<b>MVIS</b>	Multistage vertical high-pressure centrifugal pump in glandless pump technology
<b>4</b>	Flow rate in m <sup>3</sup> /h
<b>02</b>	Number of impellers
<b>1</b>	Material 1 = 1.4301 (AISI 304)
<b>16</b>	Rated pressure in bar
<b>K</b>	Seal type EPDM
<b>3</b>	3 = 3~ (three-phase AC)
<b>400</b>	Connection voltage in V
<b>50</b>	Frequency in Hz
<b>2</b>	Number of poles

Multivert MVIS



Pump curves in accordance with ISO 9906: 2012 3B

### Special features/product advantages

- Glandless pump technology
- Virtually noiseless operation (up to 20 dB [A] quieter than conventional pumps)
- Space-saving, compact design
- Virtually maintenance free thanks to a design which does not feature any mechanical seals
- Drinking water approval for all components that come in contact with the fluid (EPDM version)

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### Technical data

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- Mains connection 3~ 230 V ( $\pm 10\%$ ), 50 Hz ( $\Delta$ ), 400 V ( $\pm 10\%$ ), 50 Hz (Y)
- Fluid temperature of -15 to +50 °C
- Ambient temperature of -15 to +40 °C
- Max. operating pressure 16 bar
- Max. inlet pressure 10 bar
- Protection class IP44
- Nominal diameters of pipe connections Rp 1, Rp 1¼ or Rp 1½, depending on the version

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### Materials

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- Impellers made of 1.4301 (AISI304) stainless steel
- Stage chambers made of 1.4301 (AISI304) stainless steel
- Pump housing made of 1.4301 (AISI304) stainless steel
- Shaft 1.4122 stainless steel
- EPDM seal
- Housing lower section made of 1.4301 (AISI304) stainless steel
- Pressure shroud made of 1.4301 (AISI304) stainless steel
- Pump support foot made of EN-GJL-250

## Product list: Wilo-Multivert MVIS

Product description	Pipe connection	Rated power $P_2$	Gross weight, approx. $m$	Article number
Multivert MVIS 806	G 1½	2.20 kW	34.5 kg	2009055
Multivert MVIS 805	G 1½	2.20 kW	33.5 kg	2009054
Multivert MVIS 804	G 1½	1.10 kW	28.5 kg	2009053
Multivert MVIS 803	G 1½	1.10 kW	28.0 kg	2009052
Multivert MVIS 802	G 1½	1.10 kW	26.5 kg	2009051
Multivert MVIS 410	G 1¼	2.20 kW	32.0 kg	2009050
Multivert MVIS 409	G 1¼	2.20 kW	31.5 kg	2009049
Multivert MVIS 408	G 1¼	2.20 kW	31.0 kg	2009048
Multivert MVIS 407	G 1¼	2.20 kW	26.0 kg	2009047
Multivert MVIS 406	G 1¼	1.10 kW	25.5 kg	2009046
Multivert MVIS 405	G 1¼	1.10 kW	25.0 kg	2009045
Multivert MVIS 404	G 1¼	1.10 kW	23.5 kg	2009044
Multivert MVIS 403	G 1¼	1.10 kW	23.0 kg	2009043
Multivert MVIS 402	G 1¼	0.45 kW	18.0 kg	2009042
Multivert MVIS 210	G 1½	2.20 kW	32.0 kg	2009041
Multivert MVIS 209	G 1½	2.20 kW	31.5 kg	2009040
Multivert MVIS 208	G 1½	1.10 kW	26.0 kg	2009039
Multivert MVIS 207	G 1½	1.10 kW	26.0 kg	2009038
Multivert MVIS 206	G 1½	1.10 kW	25.5 kg	2009037
Multivert MVIS 205	G 1½	1.10 kW	24.0 kg	2009036
Multivert MVIS 204	G 1½	0.45 kW	19.0 kg	2009035
Multivert MVIS 203	G 1½	0.45 kW	18.5 kg	2009034
Multivert MVIS 202	G 1½	0.35 kW	17.5 kg	2009033