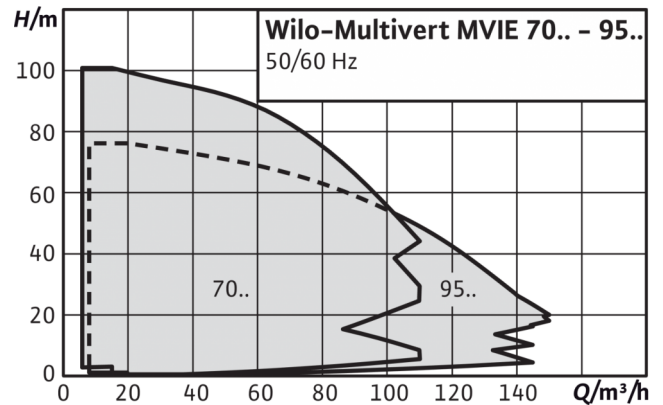


Series description: Wilo-Multivert MVIE

Multivert MVIE 806



Multivert MVIE



Pump curves in accordance with ISO 9906: 2012 3B

Similar to figure

Design type

Non-self-priming multistage pump with integrated frequency converter

Application

- Water supply and pressure boosting
- Industrial circulation systems
- Process engineering
- Cooling water circulation systems
- Washing and sprinkling systems

Equipment/function

- Stainless steel hydraulics with pump housing made of cast iron
- MVIE 70../95... PN 16/25 with round flange
- IEC standard motor with integral frequency converter
- Three-phase version with Green Button Technology and LCD display for status indication
- Integrated thermal motor protection

Special features/product advantages

- Easy commissioning
- Integrated frequency converter with large control range
- Full motor protection

Series description: Wilo-Multivert MVIE

Scope of delivery

- MVI high-pressure multistage centrifugal pump
- Installation and operating instructions

Type key

Example:	MVIE 7003/1-3/16/E/3-2
MVIE	Vertical high-pressure multistage centrifugal pump
70	Flow rate in m ³ /h
03	Number of impellers
1	Number of trimmed impellers
3	Material 1 = 1.4301 (AISI 304); [only MVIE 8.. and smaller] 2 = 1.4404 (AISI 316L) 3= pump housing EN-GJL-250 (cataphoretic coating), hydraulics 1.4301 (AISI 304); [only MVIE 70.. and 95..]
16	Flange type 16 = flange PN16 (round) 25 = flange PN25 (round) P = Victaulic coupling [only MVIE 8.. and smaller]
E	Gasket type E = EPDM V = FKM (viton)
3	1 = 1~ (alternating current) 3 = 3~ (three-phase current)
2	Number of poles
M13	Only up to MVIE 403, with 1~ (alternating current) Preset operating mode on delivery M13 = mode 1 or 3 (manual or remote control) M2 = mode 2 (pressure regulation mode)

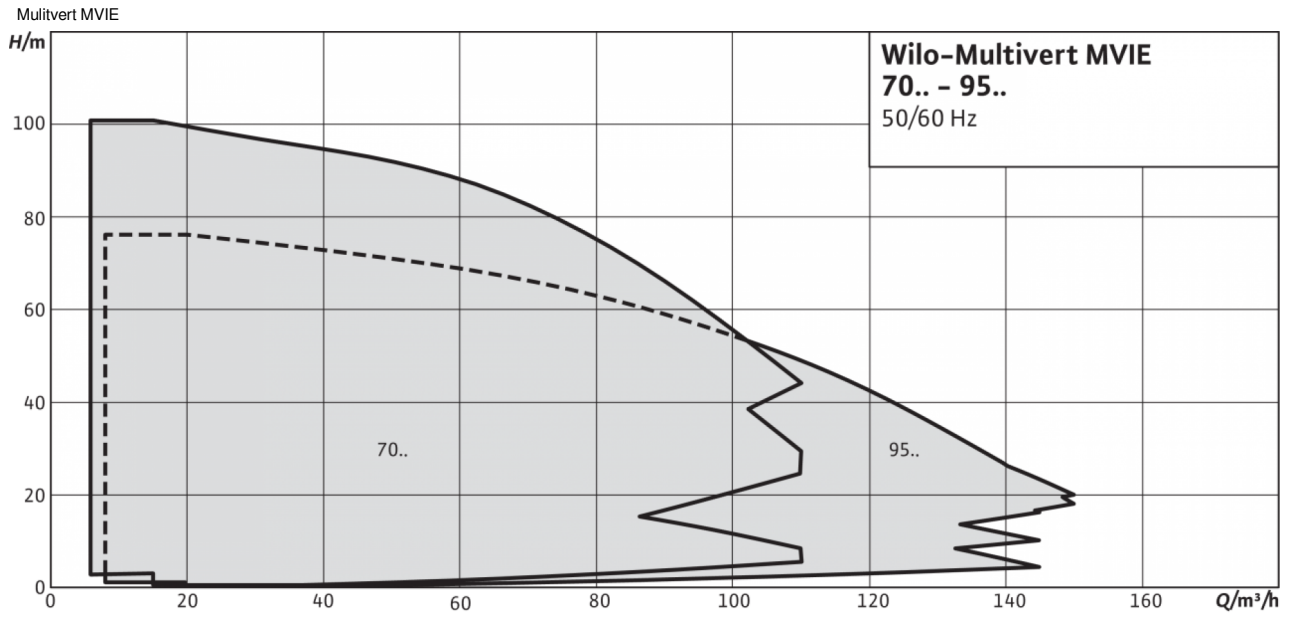
Technical data

- Mains connection 3 ~ 400 V (±10 %), 50 Hz (Y) or 400 V (±10 %), 60 Hz (Y)
- Fluid temperature of -15 to +120 °C (EPDM version)
- Max. operating pressure 16/25 bar
- Max. inlet pressure 10 bar
- Protection class IP 55
- Emitted interference in compliance with EN 61000-6-3
- Interference resistance in compliance with EN 61000-6-2

Materials

- Impellers of stainless steel 1.4408 (AISI316)
- Stage chambers made of 1.4301 (AISI 304) stainless steel
- Pump housing made of cataphoretic-coated grey cast iron EN-GJL 250
- Shaft 1.4057 (AISI431) stainless steel
- Gasket EPDM
- Housing cover made of 1.4301 (AISI 304) stainless steel
- Housing bottom made of 1.4301 (AISI 304) stainless steel
- Mechanical seal of B-carbon/tungsten carbide, SiC/carbon
- Pressure shroud made of 1.4301 (AISI 304) stainless steel
- Bearing of tungsten carbide

Duty chart: Wilo-Multivert MVIE



Pump curves in accordance with ISO 9906:2012 3B

Product list: Wilo-Multivert MVIE

Product description	Rated power P_2	Pipe connection	Gross weight, approx. m	Article number
Multivert MVIE 9503/2 (3~380/400/460 V, EPDM,)	22.00 kW	DN 100	331.0 kg	4166182
Multivert MVIE 9502 (3~380/400/460 V, EPDM,)	18.50 kW	DN 100	327.0 kg	4166181
Multivert MVIE 9502/1 (3~380/400/460 V, EPDM,)	15.00 kW	DN 100	235.0 kg	4166180
Multivert MVIE 9501 (3~380/400/460 V, EPDM,)	11.00 kW	DN 100	233.0 kg	4166179
Multivert MVIE 9501/1 (3~380/400/460 V, EPDM,)	7.50 kW	DN 100	153.4 kg	4122326
Multivert MVIE 9503/2 (3~380/400/460 V, EPDM,)	22.00 kW	DN 100	331.0 kg	4166174
Multivert MVIE 9502 (3~380/400/460 V, EPDM,)	18.50 kW	DN 100	327.0 kg	4166173
Multivert MVIE 9502/1 (3~380/400/460 V, EPDM,)	15.00 kW	DN 100	235.0 kg	4166172
Multivert MVIE 9501 (3~380/400/460 V, EPDM,)	11.00 kW	DN 100	233.0 kg	4166171
Multivert MVIE 9501/1 (3~380/400/460 V, EPDM,)	7.50 kW	DN 100	153.4 kg	4122324
Multivert MVIE 7004 (3~380/400/460 V, EPDM,)	22.00 kW	DN 100	332.0 kg	4166162
Multivert MVIE 7004/2 (3~380/400/460 V, EPDM,)	18.50 kW	DN 100	333.0 kg	4166161
Multivert MVIE 7003/1 (3~380/400/460 V, EPDM,)	15.00 kW	DN 100	237.0 kg	4166160
Multivert MVIE 7002 (3~380/400/460 V, EPDM,)	11.00 kW	DN 100	237.0 kg	4166159
Multivert MVIE 7002/2 (3~380/400/460 V, EPDM,)	7.50 kW	DN 100	156.9 kg	4122320
Multivert MVIE 7001 (3~380/400/460 V, EPDM,)	5.50 kW	DN 100	148.9 kg	4122319
Multivert MVIE 7004 (3~380/400/460 V, EPDM,)	22.00 kW	DN 100	332.0 kg	4166158
Multivert MVIE 7004/2 (3~380/400/460 V, EPDM,)	18.50 kW	DN 100	333.0 kg	4166157
Multivert MVIE 7003/1 (3~380/400/460 V, EPDM,)	15.00 kW	DN 100	237.0 kg	4166156
Multivert MVIE 7002 (3~380/400/460 V, EPDM,)	11.00 kW	DN 100	237.0 kg	4166155
Multivert MVIE 7002/2 (3~380/400/460 V, EPDM,)	7.50 kW	DN 100	131.9 kg	4122318
Multivert MVIE 7001 (3~380/400/460 V, EPDM,)	5.50 kW	DN 100	148.9 kg	4122317