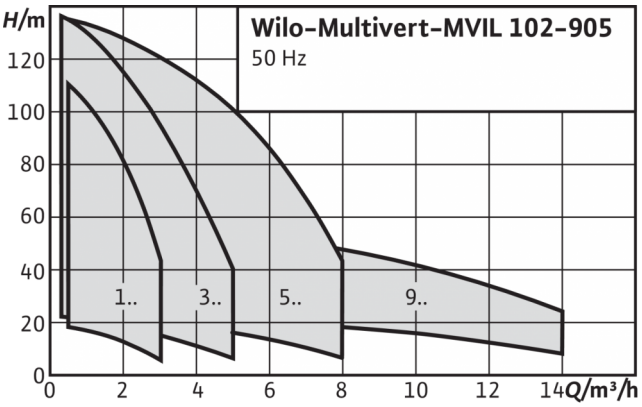
Company: PolyPump Ltd
Name: Sales
Telephone: 01296 488294
E-mail: sales@polypump.co.uk

Series description: Wilo-Multivert MVIL

Economy MVIL

Similar to figure

Multivert MVIL



Pump curves in accordance with ISO 9906: 2012 3B

Design type

Non-self-priming multistage pump

Application

- Water supply and pressure boosting
- Commerce and industry
- Washing and spraying systems
- Rainwater utilisation
- Cooling and cold water circuits

Special features/product advantages

- Space-saving, compact block design

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Equipment/function

- Pump in in-line design
- Hydraulics in 1.4301 (AISI 304), pump housing in EN-GJL-250
- Oval flange
- Single-phase or three-phase AC motor
- Single-phase AC motor with integrated thermal motor protection

Scope of delivery

- Wilo-MVIL high-pressure multistage centrifugal pump
- Cast iron oval counter flanges Rp 1 to Rp 1 ½ with the corresponding screws, nuts and gaskets
- Installation and operating instructions

Type key

Example:	**MVIL 107N-16/E/3-400-50-2**
MVIL	Multistage vertical high-pressure centrifugal pump
1	Volume flow in m^3/h
07	Number of impellers
N	Standardised motor
16	Maximum operating pressure in bar
E	Type of gasket E = EPDM
3	1 = 1~ (single-phase current) 3 = 3~ (three-phase current)
400	Connection voltage in V
50	Frequency in Hz
2	Number of poles

Technical data

- Mains connection 1~230 V (±10 %), 50 Hz
- Mains connection 3~230 V (±10 %), 50 Hz (Δ), 400 V (±10 %), 50 Hz (Y)
- Fluid temperature of -15 to +90 °C
- Operating pressure max. 10 bar or max. 16 bar, depending on type
- Max. inlet pressure 6 bar or max. 10 bar depending on type
- Protection class IP54
- Nominal diameters of pipe connections Rp 1, Rp 1¼ or Rp 1½, depending on type

Materials

- Impellers 1.4301 (AISI 304) stainless steel
- Stage chambers 1.4301 (AISI 304) stainless steel
- Shaft stainless steel 1.4301 (AISI 304) or 1.4057 (AISI 431) depending on type
- Gasket EPDM
- Housing cover EN-GJL-250 (cataphoretic-coated)
- Lower housing section EN-GJL-250 (cataphoretic-coated)
- Mechanical seal SiC/carbon
- Bearing, tungsten carbide

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Product list: Wilo-Multivert MVIL

Product description	Rated power P_2	Pipe connection	Gross weight, approx. *m*	Article number
Multivert MVIL 512 (3~400 V)	2.20 kW	Rp 1¼	33.5 kg	4211130
Multivert MVIL 510 (3~400 V)	2.20 kW	Rp 1¼	33.0 kg	4211126
Multivert MVIL 907 (3~400 V)	2.20 kW	DN 50	40.0 kg	4211122
Multivert MVIL 906 (3~400 V)	2.20 kW	DN 50	39.6 kg	4211118
Multivert MVIL 905 (3~400 V)	2.20 kW	Rp 1½	39.2 kg	4211078
Multivert MVIL 904 (3~400 V)	1.50 kW	DN 50	37.0 kg	4211077
Multivert MVIL 903 (3~400 V)	1.10 kW	DN 50	28.9 kg	4211076
Multivert MVIL 902 (3~400 V)	0.75 kW	DN 50	27.7 kg	4211075
Multivert MVIL 509 (3~400 V)	2.20 kW	Rp 1¼	32.7 kg	4211074
Multivert MVIL 508 (3~400 V)	2.20 kW	Rp 1¼	32.4 kg	4211073
Multivert MVIL 507 (3~400 V)	1.50 kW	DN 32	32.3 kg	4211072
Multivert MVIL 506 (3~400 V)	1.50 kW	DN 32	31.9 kg	4211071
Multivert MVIL 505 (3~400 V)	1.10 kW	DN 32	26.8 kg	4211070
Multivert MVIL 504 (3~400 V)	1.10 kW	DN 32	26.5 kg	4211069
Multivert MVIL 503 (3~400 V)	0.75 kW	DN 32	25.3 kg	4211068
Multivert MVIL 312 (3~400 V)	2.20 kW	Rp 1	33.6 kg	4211067
Multivert MVIL 310 (3~400 V)	1.50 kW	DN 32	33.2 kg	4211066
Multivert MVIL 309 (3~400 V)	1.50 kW	DN 32	32.8 kg	4211065
Multivert MVIL 308 (3~400 V)	1.50 kW	DN 32	32.4 kg	4211064
Multivert MVIL 307 (3~400 V)	1.10 kW	DN 32	27.4 kg	4211063
Multivert MVIL 306 (3~400 V)	1.10 kW	DN 32	25.4 kg	4211062
Multivert MVIL 305 (3~400 V)	0.75 kW	DN 32	25.9 kg	4211061
Multivert MVIL 304 (3~400 V)	0.75 kW	DN 32	25.5 kg	4211060
Multivert MVIL 112 (3~400 V)	1.10 kW	DN 32	28.3 kg	4211059
Multivert MVIL 110 (3~400 V)	1.10 kW	DN 32	27.8 kg	4211058
Multivert MVIL 109 (3~400 V)	1.10 kW	DN 32	27.5 kg	4211057
Multivert MVIL 108 (3~400 V)	0.75 kW	DN 32	26.4 kg	4211056
Multivert MVIL 107 (3~400 V)	0.75 kW	DN 32	26.1 kg	4211055
Multivert MVIL 904 (1~230 V)	1.50 kW	DN 50	29.3 kg	4087847
Multivert MVIL 903 (1~230 V)	1.10 kW	DN 50	28.9 kg	4087845
Multivert MVIL 902 (1~230 V)	0.75 kW	DN 50	28.5 kg	4087843
Multivert MVIL 507 (1~230 V)	1.50 kW	DN 32	27.6 kg	4087841
Multivert MVIL 506 (1~230 V)	1.50 kW	DN 32	27.2 kg	4087839
Multivert MVIL 505 (1~230 V)	1.10 kW	DN 32	26.8 kg	4087837
Multivert MVIL 504 (1~230 V)	1.10 kW	DN 32	26.5 kg	4087835
Multivert MVIL 503 (1~230 V)	0.75 kW	DN 32	26.1 kg	4087833
Multivert MVIL 502 (1~230 V)	0.55 kW	DN 32	22.7 kg	4087831
Multivert MVIL 310 (1~230 V)	1.50 kW	DN 32	28.5 kg	4087829
Multivert MVIL 309 (1~230 V)	1.50 kW	DN 32	28.1 kg	4087827
Multivert MVIL 308 (1~230 V)	1.50 kW	DN 32	27.7 kg	4087825
Multivert MVIL 307 (1~230 V)	1.10 kW	DN 32	27.4 kg	4087823
Multivert MVIL 306 (1~230 V)	1.10 kW	DN 32	25.4 kg	4087821
Multivert MVIL 305 (1~230 V)	0.75 kW	DN 32	26.7 kg	4087819
Multivert MVIL 304 (1~230 V)	0.75 kW	DN 32	26.3 kg	4087815
Multivert MVIL 303 (1~230 V)	0.55 kW	DN 32	22.9 kg	4087813
Multivert MVIL 302 (1~230 V)	0.55 kW	DN 32	19.6 kg	4087811
Multivert MVIL 112 (1~230 V)	1.10 kW	DN 32	28.3 kg	4087809

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Product list: Wilo-Multivert MVIL

Product description	Rated power P_2	Pipe connection	Gross weight, approx. m	Article number
Multivert MVIL 110 (1~230 V)	1.10 kW	DN 32	27.8 kg	4087807
Multivert MVIL 109 (1~230 V)	1.10 kW	DN 32	27.5 kg	4087805
Multivert MVIL 108 (1~230 V)	0.75 kW	DN 32	27.2 kg	4087803
Multivert MVIL 107 (1~230 V)	0.75 kW	DN 32	26.9 kg	4087801
Multivert MVIL 106 (1~230 V)	0.55 kW	DN 32	26.7 kg	4087799
Multivert MVIL 105 (1~230 V)	0.55 kW	DN 32	23.4 kg	4087797
Multivert MVIL 104 (1~230 V)	0.55 kW	DN 32	23.1 kg	4087795
Multivert MVIL 103 (1~230 V)	0.55 kW	DN 32	19.8 kg	4087793
Multivert MVIL 102 (1~230 V)	0.55 kW	DN 32	19.5 kg	4087791
Multivert MVIL 502 (3~400 V)	0.55 kW	DN 32	22.7 kg	4087759
Multivert MVIL 303 (3~400 V)	0.55 kW	DN 32	22.9 kg	4087741
Multivert MVIL 302 (3~400 V)	0.37 kW	DN 32	19.6 kg	4087739
Multivert MVIL 106 (3~400 V)	0.55 kW	DN 32	23.7 kg	4087727
Multivert MVIL 105 (3~400 V)	0.55 kW	DN 32	23.4 kg	4087725
Multivert MVIL 104 (3~400 V)	0.37 kW	DN 32	23.1 kg	4087723
Multivert MVIL 103 (3~400 V)	0.37 kW	DN 32	19.8 kg	4087721
Multivert MVIL 102 (3~400 V)	0.37 kW	DN 32	19.5 kg	4087719