

MVP 010-030 DC

Diaphragm vacuum pumps



Reliable

Proven technology, long maintenance intervals

Dry

Oil-free vacuum generation

Easy integration

Compact design, RS-485 connectivity

Accessories

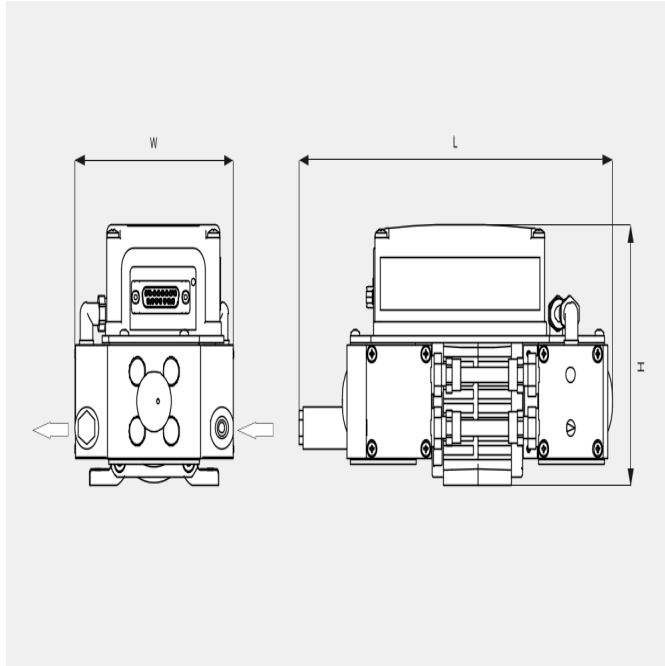
- Service kit
- Silencer G 1/8"
- Mains pack for wall/standard rail fitting
- Mains pack for 19" rack module 3HU
- OmniControl with or without integrated power supply pack
- Handheld programming unit
- Connecting cable
- USB converter to RS-485 interface
- Y-connector M12 to RS-485
- Interface cable
- Flange and hose connection
- Purge gas nozzle with filter

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Dimensional drawing



Pumping speed

The following technical values refer to ISO Hz

	MVP 010-3 DC	MVP 015-2 DC Neo	MVP 015-4 DC Neo	MVP 030-3 DC
Dimensions (L x W x H)	208 x 105 x 99 mm	172.5 x 140 x 142 mm	264 x 140 x 141 mm	223 x 143 x 217 mm
Pumping speed	0.6 m ³ /h	1.0 m ³ /h	0.75 m ³ /h	1.8 m ³ /h
Ultimate pressure with gas-ballast valve	- hPa(mbar)	4 hPa(mbar)	- hPa(mbar)	3 hPa(mbar)
Ultimate pressure without gas-ballast valve	1 hPa(mbar)	3.5 hPa(mbar)	0.5 hPa(mbar)	2 hPa(mbar)
Rotational speed	1800 min ⁻¹	1800 min ⁻¹	1500 min ⁻¹	1800 min ⁻¹
Rotational speed max.	3000 min ⁻¹	2600 min ⁻¹	1800 min ⁻¹	2400 min ⁻¹
Inlet pressure max.	1100 hPa(mbar)	1100 hPa(mbar)	1100 hPa(mbar)	1100 hPa(mbar)
Exhaust pressure max.	1300 hPa(mbar)	1300 hPa(mbar)	1300 hPa(mbar)	1300 hPa(mbar)
Power consumption max.	2.5 A	4.6 A	6.8 A	7 A
Supply voltage	24 (± 10%) V DC	24 (± 10%) V DC	24 (± 10%) V DC	24 (± 10%) V DC
Ambient temperature	5-40 °C	5-40 °C	5-40 °C	10-40 °C

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Cooling method	Air	Air	Air	Air
Protection class	IP 20	IP 20	IP 20	IP 20
Certification	cTUVus certified according to UL / CSA 61010-1	cTUVus certified according to UL / CSA 61010-1	cTUVus certified according to UL / CSA 61010-1	cTUVus certified according to UL / CSA 61010-1
Sound pressure level without gas-ballast valve	50 dB(A)	50 dB(A)	45 dB(A)	45 dB(A)
Weight approx. with motor	2.0 kg	2.7 kg	4.4 kg	4.3 kg
Gas inlet	G 1/8"	G 1/8"	G 1/8"	G 1/8"
Gas outlet	G 1/8" with silencer	G 1/8" with silencer	G 1/8" with silencer	G 1/8" with silencer

Do you want to know more

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Contact form



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