



MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"



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MVP 015-4 DC Neo

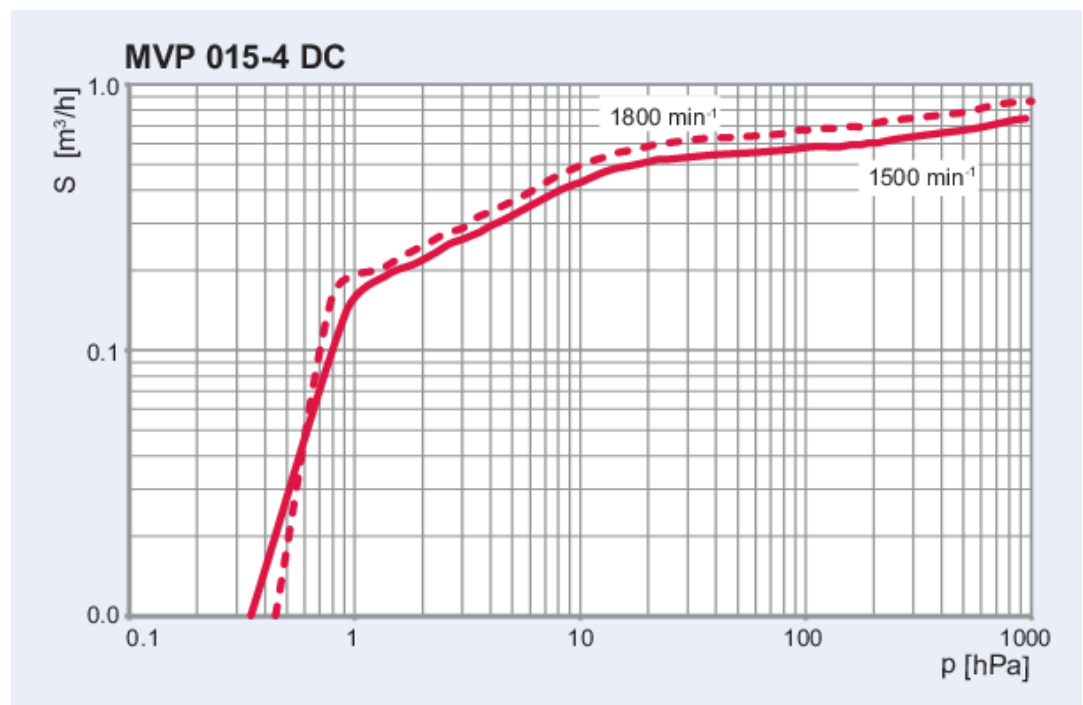


Illustration only

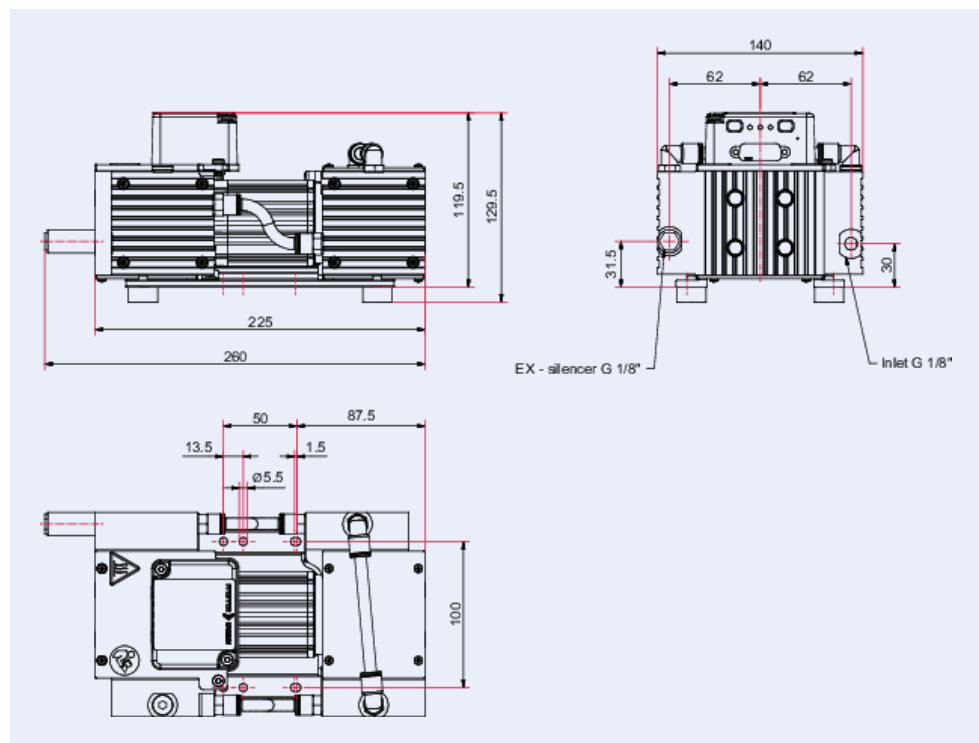
MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"

- Diaphragm pump with a pumping speed of up to 0.8 m³/h
- No hydrocarbons: Completely dry & oil-free diaphragm pump
- Low noise level, minimal vibrations and compact design, ideal also for use in laboratories
- Low operating costs thanks to the highest quality, short maintenance times and long maintenance intervals
- Industry 4.0 compatible: Operation with other intelligent products, such as turbopumps via RS-485

Characteristics



Dimensions



Technical Data	MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"
Gas ballast	Available as an accessory
Cooling method	Natural convection
Pumping speed	0.8 m ³ /h
Motor type	DC motor
Pumping speed category	1 m ³ /h
Short circuit current of voltage source, max.	45 A
Rated current consumption	3.3 A
Vacuum range min	5 · 10 ⁻¹ hPa
Vacuum range max	5 · 10 ⁻¹ hPa
I/O interfaces	RS-485
Ambient temperature	5 – 40 °C
Certification	cTUVus certified according to UL / CSA 61010-1
Input voltage(s)	24 V DC (±10 %)
Emission sound pressure level (EN ISO 2151)	49 dB(A)
Nominal rotation speed	1,500 rpm 1,500 min ⁻¹
Exhaust pressure, max.	1,100 hPa 825 Torr 1,100 mbar
Operating altitude, max.	2,000 m
Intake pressure max.	1,100 hPa 825 Torr 1,100 mbar
Weight approx.	4.4 kg 9.7 lb
Switch	No
Rotation speed	750 – 1800 rpm
Mains cable	No
Dimensions (L x W x H)	260 x 140 x 129.5 mm
Number of pumping stages	Four stage
Connection flange (in)	G 1/8"
Connection flange (out)	1/8" thread with silencer

Order number	MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"
MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"	PK T05 163

Accessories	MVP 015-4 DC, diaphragm pump, 24 V DC, G 1/8"
Overhaul kit for MVP 015-4 DC structure diaphragm Typ 2	PU E22 031 -T
Interhead connection for MVP 015 1/8" thread	PK 050 327
Interhead connection for MVP 015-4 DC 1/8" thread	PK 050 336
Spare part package head cover for MVP 015-4 DC Neo	PU E22 040 -T
Spare parts package intermediate plate for MVP 015-4 DC Neo	PU E22 033 -T
Silencer for MVP Neo R 1/8"	PK 050 368
Spare parts package rubber feet for MVP 015-4 DC Neo	PU E22 041 -T



Errors and/or changes excepted. - 5/15/2025

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