Hakuto 伯東









MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8"

PFEIFFER

MVP 015-2 DC Neo

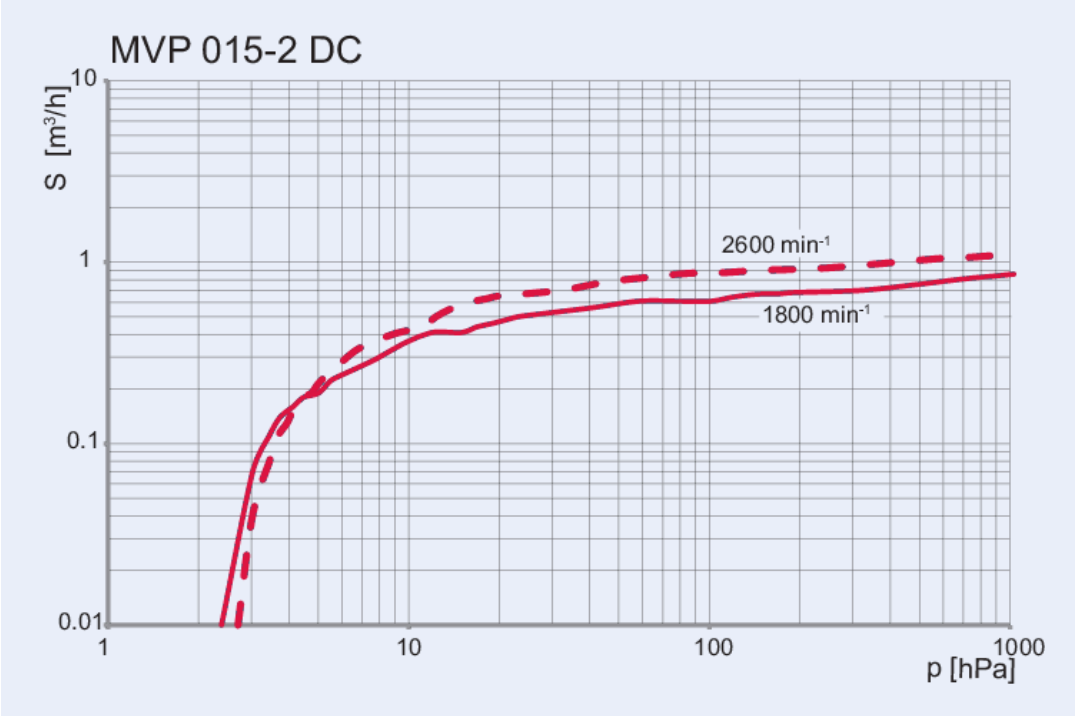


Illustration only

MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8''

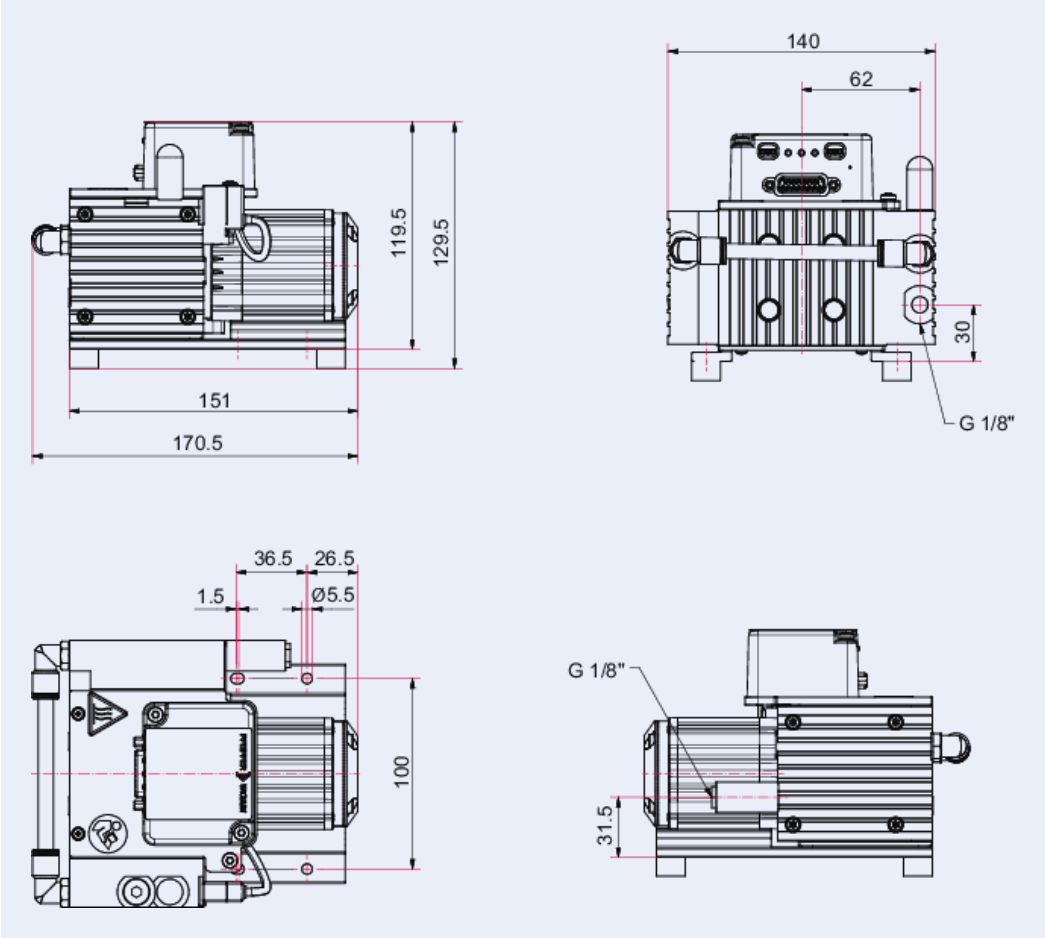
- Diaphragm pump with a pumping speed of up to 1.0 m^3/h
- No hydrocarbons: Completely dry & oil-free diaphragm pump
- Low noise level, minimal vibrations and compact design, ideal also for use in laboratories
- Low operating costs thanks to the highest quality, short maintenance times and long maintenance intervals
- Industry 4.0 compatible: Operation with other intelligent products, such as turbopumps via RS-485

Characteristics



MVP 015-2 DC Neo

Dimensions



MVP 015-2 DC Neo

Technical Data	MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8''
Gas ballast	Yes
Cooling method	Natural convection
Pumping speed	1 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	2.9 A
Vacuum range min	$3.5 \cdot 10^0$ hPa
Vacuum range max	$3.5 \cdot 10^0$ hPa
I/O interfaces	RS-485
Ambient temperature	5 – 40 °C
Current max.	4.6 A
Temperature: Storage, max	40 °C
Temperature: Storage, min	5 °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)
Ultimate pressure with gas ballast	$7 \cdot 10^0$ hPa | $5.25 \cdot 10^0$ Torr | $7 \cdot 10^0$ mbar
Gas ballast pressure	1,100 hPa | 825 Torr | 1,100 mbar
Nominal rotation speed	1,800 rpm | 1,800 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
Nominal rotation speed	1,800 rpm
Switch	No
Exhaust pressure, max.	1,100 hPa
Gas ballast pressure	1,100 hPa
Rotation speed	750 – 2600 rpm
Mains cable	No
Final pressure with gas ballast	$7 \cdot 10^0$ hPa
Dimensions (L x W x H)	170.5 x 140 x 129.5 mm
Number of pumping stages	Two stage
Intake pressure max.	1,100 hPa
Connection flange	G 1/8" Thread / G 1/8" Silencer
Weight	2.7 kg

MVP 015-2 DC Neo

Connection flange (in)	G 1/8''
Connection flange (out)	1/8" thread with silencer

Order number	MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8''
MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8''	2000020772

Accessories	MVP 015-2 DC, diaphragm pump, 24 V DC, G 1/8''
Inspection set for MVP 015 type 2 structure diaphragm	2000005849
Filter for gas ballast	2000025295
Interhead connection for MVP 015 1/8" thread	2000025278
Spare part package head cover for MVP 015-2 DC Neo	2000137342
Spare parts package intermediate plate for MVP 015-2 DC Neo	2000197099
Silencer for MVP Neo R 1/8"	2000075375

伯东企业（上海）有限公司

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