



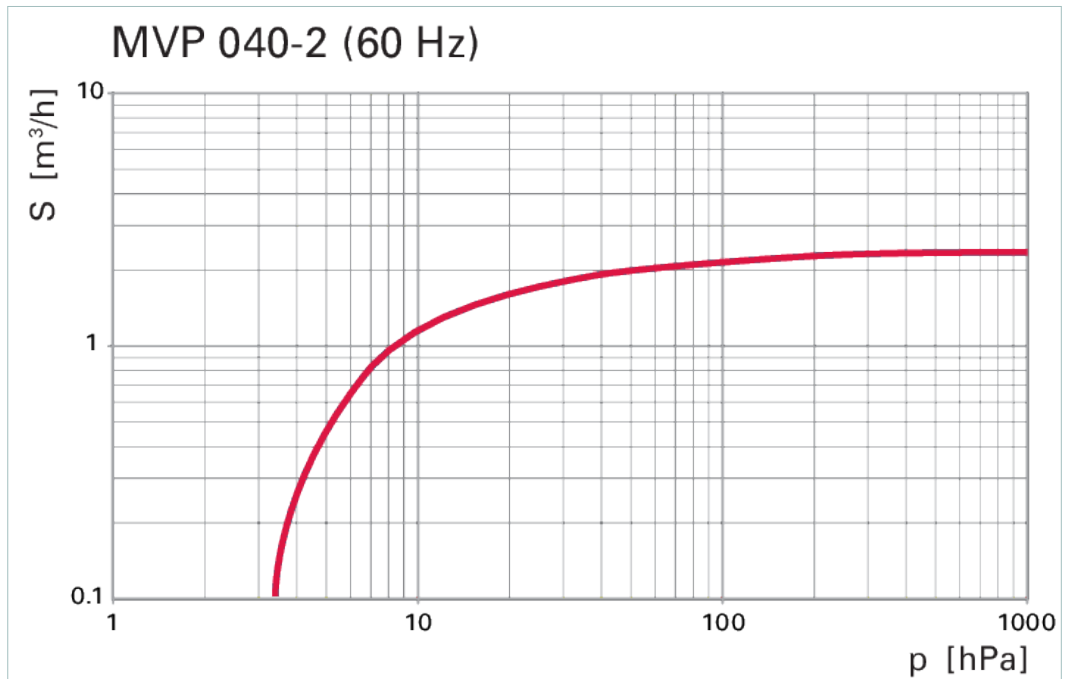
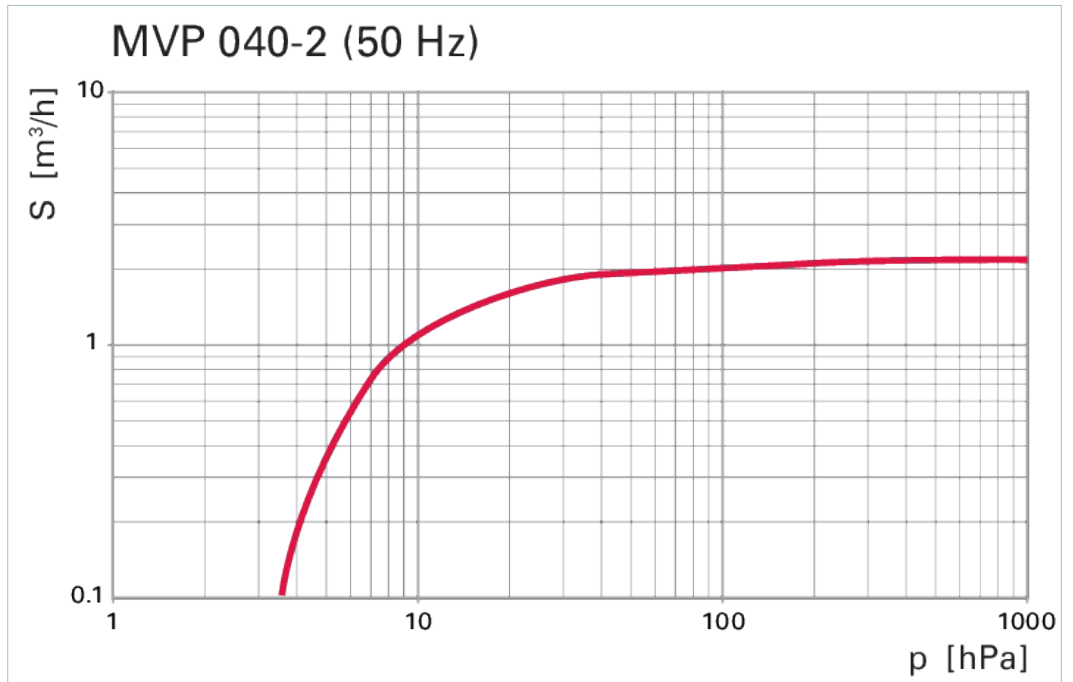
MVP 040-2, diaphragm pump, 100–230 V, 50/60 Hz



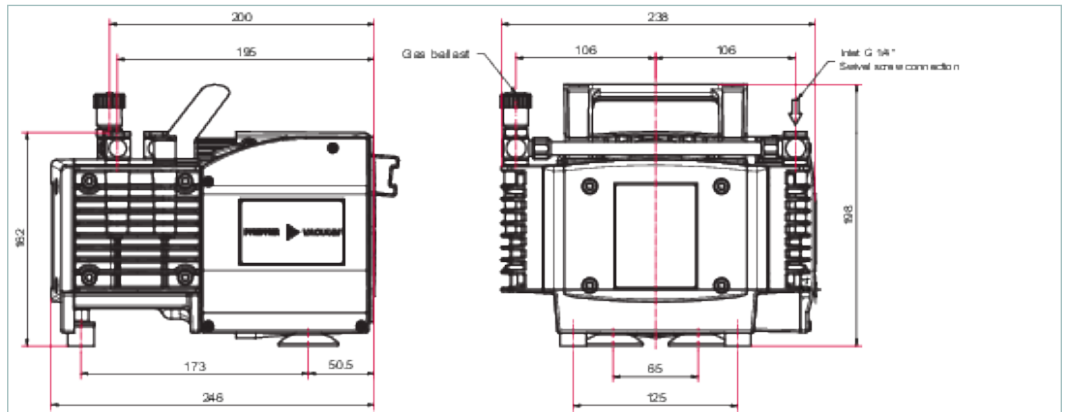
Similar Image

MVP 040-2, diaphragm pump, 100–230 V, 50/60 Hz

- Diaphragm pump with a pumping speed of up to 2.5 m³/h
- No hydrocarbons: Completely dry & oil-free diaphragm pump
- Low noise level, low vibrations and compact design, also ideal for use in laboratories
- Low operating costs thanks to the highest quality, short maintenance times and long maintenance intervals
- Simple logistics: Our diaphragm pumps are suitable for all voltages worldwide



Dimensions



Technical Data	MVP 040-2, diaphragm pump, 100–230 V, 50/60 Hz
Pumping speed at 50 Hz	2.3 m ³ /h 1.35 cfm 38.33 l/min
Pumping speed at 60 Hz	2.5 m ³ /h 1.47 cfm 41.67 l/min
Final pressure without gas ballast	4 hPa 3 Torr 4 mbar
Final pressure with gas ballast	5 hPa 3.75 Torr 5 mbar
Leakage rate	2 · 10 ⁻³ Pa m ³ /s 1.5 · 10 ⁻² Torr l/s 2 · 10 ⁻² mbar l/s
Intake pressure max.	1,100 hPa 825 Torr 1,100 mbar
Exhaust pressure, max.	1,100 hPa 825 Torr 1,100 mbar
Connection flange (in)	G 1/4"
Connection flange (out)	1/4" thread with silencer
Mains connection: voltage 50 Hz	100 – 115/200 – 230 V
Mains connection: voltage 60 Hz	100 – 115/120/200 – 230 V
Mains connection: voltage (range)	±10 %
Certification	cTUVus certified according to UL / CSA 61010-1
Protection degree	IP40
Switch	Yes
Sound pressure level	53 dB(A)
Ambient temperature	10-40 °C 50-104 °F 283-313 K
Temperature: Storage	-10-60 °C 14-140 °F 263-333 K
Temperature: Shipping	-10-60 °C 14-140 °F 263-333 K
Cooling method	Air
Weight	11.4 kg 25.13 lb
Gas ballast	Yes
Operating altitude, max.	2000 m

Order number	
MVP 040-2	PK T01 210

Accessories	
Cables Mains cables / Power cords	
Mains cable 230 V with safety plug, right angle IEC 320/C13 socket, 2 m	PK 050 109
Mains cable, 115 V, with NEMA plug to Euro C13 socket (angled), 2 m	PK 050 110
Mains cable 115/230 V without plug, rubber connector (right angle), 3 m	PK 050 111
Connections Screw-in flanges	
Screw-in flange DN 16 ISO-KF / G1/4" incl. seal (for MVP 040-2, MVP 070-3 inlet/outlet)	PK 050 114 -T
Control Devices Backing pump	
Relay box, shielded, for backing pumps, 1-phase 7A for TC 110/120 and TCP 350, plug M8	PM 071 282 -X
Flanges/Ports Blank flanges	
Flushing gas connection DN 6 / DN 10 (for MVP 040-2 / MVP 070-3 C)	PK 050 299

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