



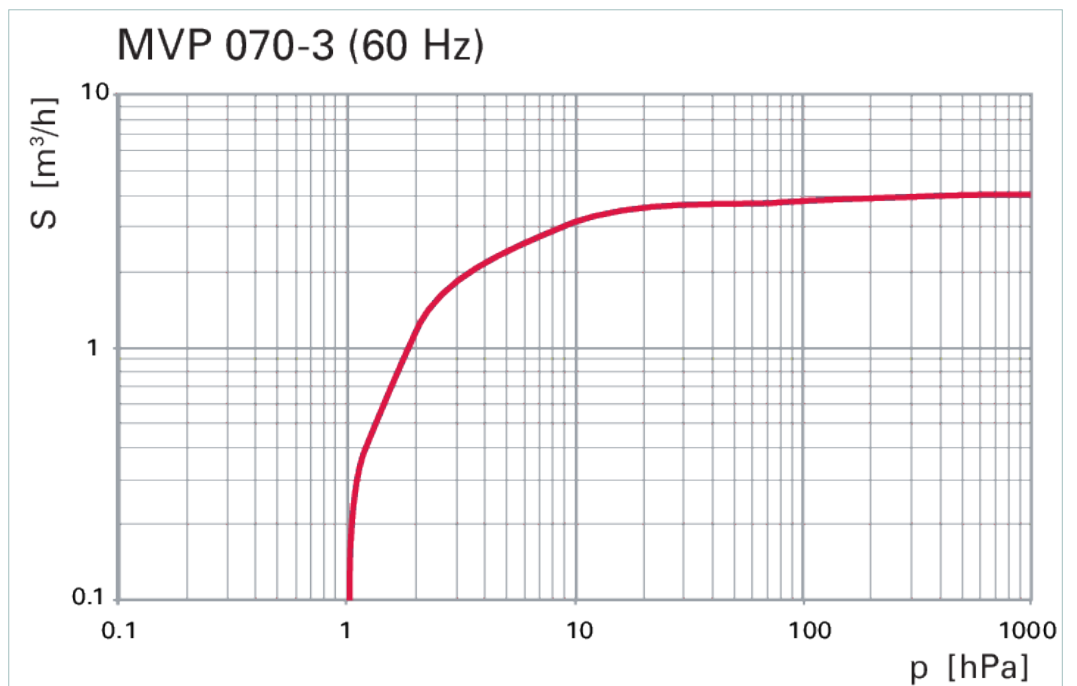
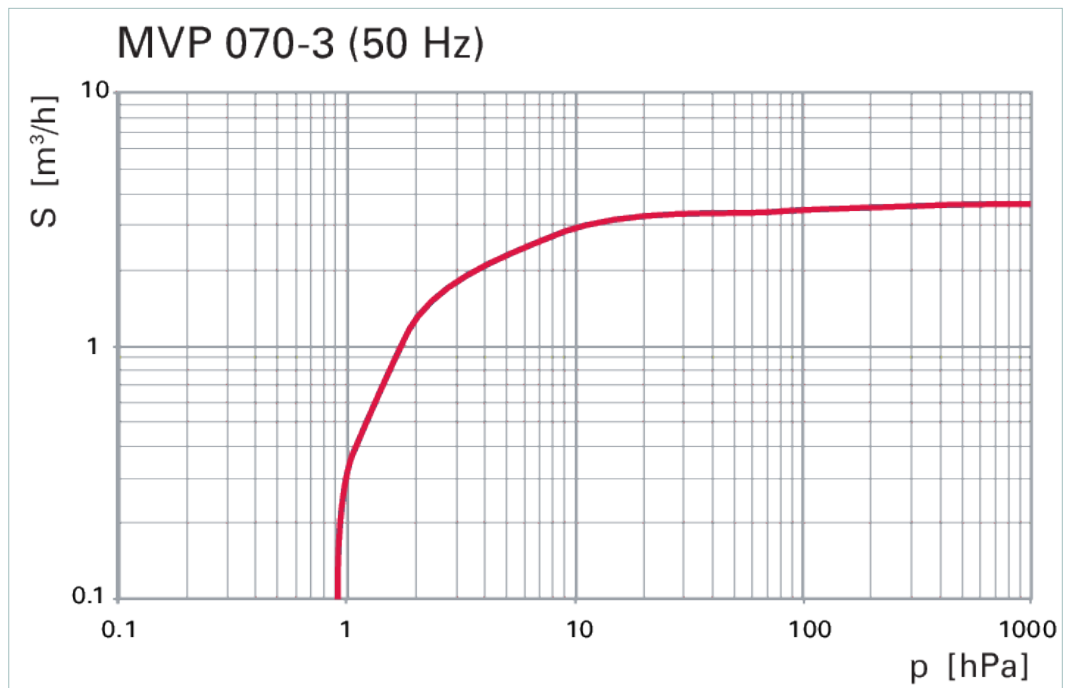
**MVP 070-3, Diaphragm pump,
100–115/200–230 V,
50 Hz | 100–115/120/200–230 V, 60
Hz**



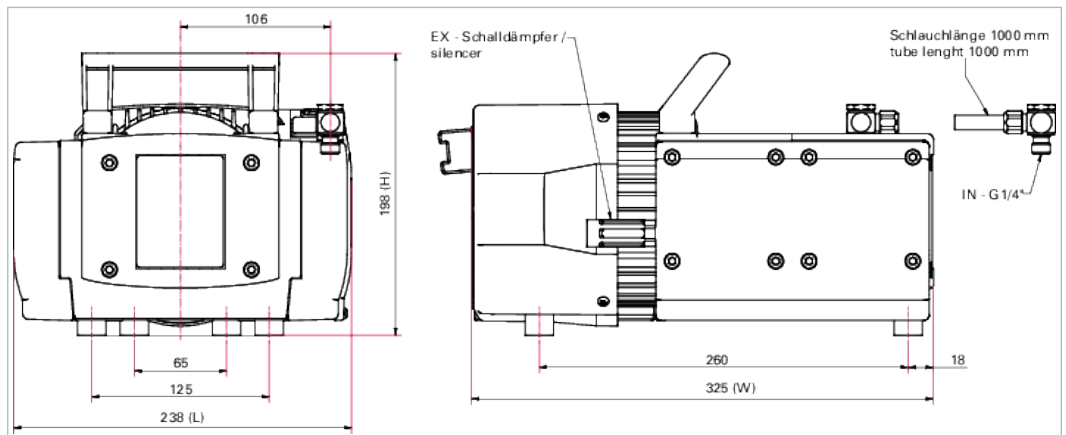
Similar Image

MVP 070-3, Diaphragm pump, 100–115/200–230 V, 50 Hz | 100–115/120/200–230 V, 60 Hz

- Diaphragm pump with a pumping speed of up to 4.3 m³/h
- For mains voltage: 90–126/180–254 V, 50/60 Hz
- Ideal for applications, where a dry and oil-free vacuum is required



Dimensions



Technical Data	
MVP 070-3, Diaphragm pump, 100–115/200–230 V, 50 Hz 100–115/120/200–230 V, 60 Hz	
Ambient temperature	12–40 °C 53.6–104 °F 285–313 K
Cooling method, standard	Air
Current max.	5,7 A
Emission sound pressure level without gas ballast or purge	≤ 55 dB(A)
Exhaust pressure, max.	1,100 hPa 825 Torr 1,100 mbar
Flange (in)	G ¼" elbow union with enclosed hose 10/8, 1000 mm with an elbow union in G ¼" at the end
Flange (out)	G 1/8" + silencer
Intake pressure max.	1,100 hPa 825 Torr 1,100 mbar
Leak rate	≤ 2 · 10 ⁻³ Pa m³/s
Mains requirement: voltage (range)	±10 %
Mains requirement: voltage 50 Hz	100 – 115/200 – 230 V
Mains requirement: voltage 60 Hz	100 – 115/120/200 – 230 V
Operating altitude, max.	2000 m
Protection category	IP40
Pumping speed at 50 Hz	3.8 m³/h
Pumping speed at 60 Hz	4.3 m³/h
Rotation speed at 50 Hz	1,500 rpm 1,500 min ⁻¹
Rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Switch New	Yes
Temperature: Storage	-10–60 °C 14–140 °F 263–333 K
Ultimate pressure without gas ballast	1 hPa 0.75 Torr 1 mbar
Weight	16.4 kg 36.16 lb

Order number

MVP 070-3

PK T01 310

Accessories	
Cables Mains cables / Power cords	
Mains cable 230 V with safety plug CEE 7, right angle IEC 320/C13 socket, 2 m	PK 050 109
Mains cable 115 V with NEMA-plug, right angle IEC 320/C13 socket, 2 m	PK 050 110
Mains cable 115 / 230 V without plug, right angle IEC 320/C13 socket, 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

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