

MVD-0007/15/24/32Z

Two-stage lubricated rotary vane vacuum pumps



Predictable

- Stable behaviour under real operating conditions.
- Fewer adjustments. Fewer deviations.
- Costs under control from day one.



Accessible

- Quick, straightforward maintenance.
- Direct access to critical components.
- No unnecessary dependencies.



Direct response

- Direct intervention, no middlemen.
- We act on the complete system to reduce downtime and ensure continuity.

BUILT FOR RELIABLE PLANT OPERATION

Design built around real-world operation

Optimised for continuous duty

Stability under process conditions

Hassle-free maintenance

Direct access to key components

Fewer points of failure

Components built to last

Thermal stability

Less operational wear

Configured to the application

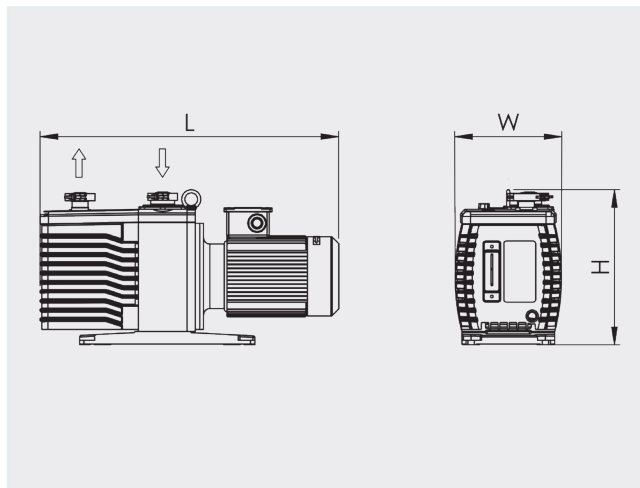
Variable speed drives, monitoring, versions (ATEX, Aqua, O2), tailored filtration

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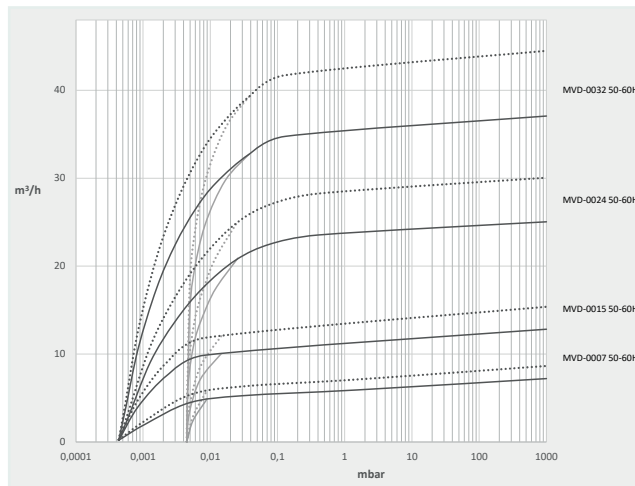
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DIMENSIONS



PERFORMANCE CURVE



TECHNICAL SPECIFICATIONS

	MVD-0007Z	MVD-0015Z	MVD-0024Z	MVD-0032Z
Nominal pumping speed	7 / 8,4 m³/h (50 / 60 Hz)	15 / 18 m³/h (50 / 60 Hz)	22 / 26 m³/h (50 / 60 Hz)	32 / 38 m³/h (50 / 60 Hz)
Ultimate pressure (gas ballast closed)	4×10 ⁻³ mbar (50 / 60 Hz)	4×10 ⁻³ mbar (50 / 60 Hz)	4×10 ⁻³ mbar (50 / 60 Hz)	4×10 ⁻³ mbar (50 / 60 Hz)
Ultimate pressure (gas ballast open)	3×10 ⁻² mbar (50 / 60 Hz)	3×10 ⁻² mbar (50 / 60 Hz)	3×10 ⁻² mbar (50 / 60 Hz)	3×10 ⁻² mbar (50 / 60 Hz)
Nominal motor rating	0.55 (1F) / 0.4 (3F) // 0.66 (1F) / 0.48 (3F) kW (50 / 60 Hz)	0.55 (1F) / 0.4 (3F) // 0.66 (1F) / 0.48 (3F) kW (50 / 60 Hz)	0.75 / 0.9 kW (50 / 60 Hz)	0.75 / 0.9 kW (50 / 60 Hz)
Nominal motor speed	1400 / 1680 rpm (50 / 60 Hz)	1400 / 1680 rpm (50 / 60 Hz)	1420 / 1704 rpm (50 / 60 Hz)	1420 / 1704 rpm (50 / 60 Hz)
Noise level (ISO 2151)	50 / 51 dB(A) (50 / 60 Hz)	50 / 51 dB(A) (50 / 60 Hz)	53 / 54 dB(A) (50 / 60 Hz)	53 / 54 dB(A) (50 / 60 Hz)
Oil capacity	0.8 l	1.0 l	1.8 l	2.0 l
Approx. weight	≈ 23 kg	≈ 26 kg	≈ 38 kg	≈ 40 kg
Dimensions (L x W x H)	490 × 161 × 252 mm	510 × 161 × 252 mm	545 × 200 × 288 mm	580 × 200 × 290 mm
Gas inlet / outlet	25KF / 25KF	25KF / 25KF	25KF / 25KF	25 (40)KF

NEED INFORMATION ABOUT MVD-0007/15/24/32Z?
FULL DETAILS ON OUR WEBSITE

marpavacuum.com/en

Contact us
by scanning this QR code

