

MVD-0050/65/90Z

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

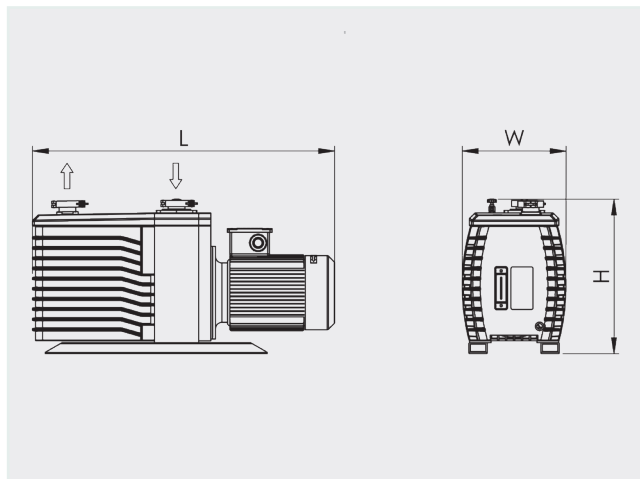
Variable speed drives, monitoring, versions (ATEX, Aqua, O2), tailored filtration

MVD-0050/65/90Z

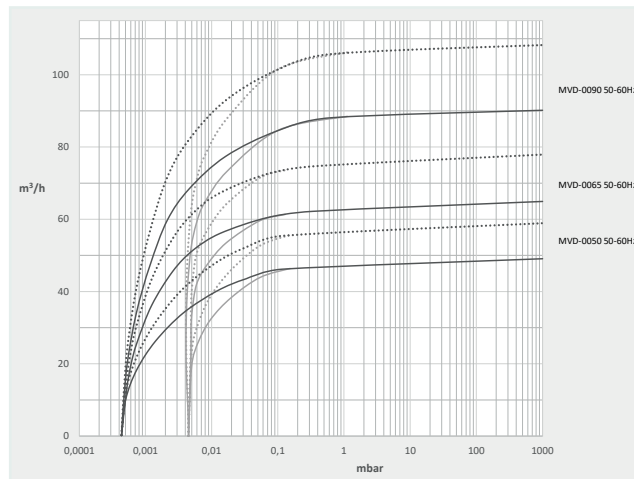
Two-stage lubricated rotary vane vacuum pumps



DIMENSIONS



PERFORMANCE CURVE



TECHNICAL SPECIFICATIONS

	MVD-0050Z	MVD-0065Z	MVD-0090Z
Nominal pumping speed	20 / 24 m³/h (50 / 60 Hz)	25 / 30 m³/h (50 / 60 Hz)	25 / 30 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)
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)
Nominal motor rating	1.5 / 1.8 kW (50 / 60 Hz)	2.2 / 2.64 kW (50 / 60 Hz)	2.2 / 2.64 kW (50 / 60 Hz)
Nominal motor speed	1440 / 1728 rpm (50 / 60 Hz)	1440 / 1728 rpm (50 / 60 Hz)	1440 / 1728 rpm (50 / 60 Hz)
Noise level (ISO 2151)	58 / 59 dB(A) (50 / 60 Hz)	60 / 60 dB(A) (50 / 60 Hz)	62 / 63 dB(A) (50 / 60 Hz)
Oil capacity	3.9 l	5.0 l	5.5 l
Approx. weight	≈ 66 kg	≈ 85 kg	≈ 90 kg
Dimensions (L x W x H)	700 × 250 × 335 mm	770 × 280 × 410 mm	1820 × 280 × 410 mm
Gas inlet / outlet	40KF / 40KF	40KF / 40KF	40KF / 40KF

NEED INFORMATION ABOUT MVD-0050/65/90Z?
FULL DETAILS ON OUR WEBSITE

marpavacuum.com/en

Contact us
by scanning this QR code

