

# 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

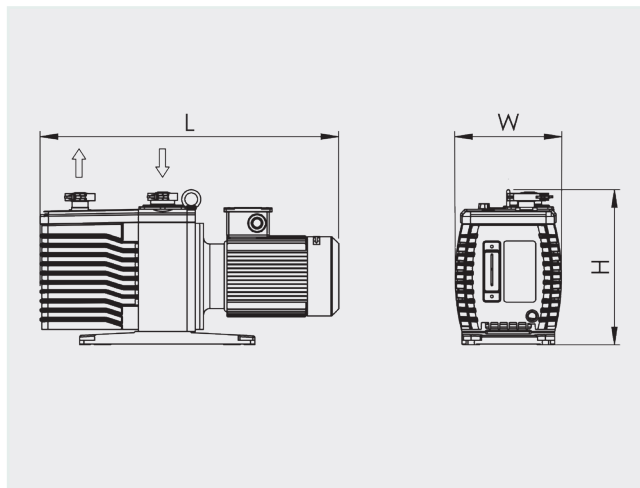
Variable speed drives, monitoring, versions (ATEX, Aqua, O2), tailored filtration

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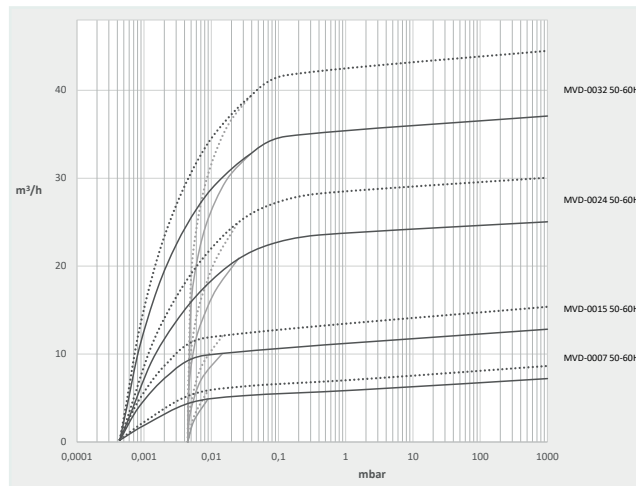
Two-stage lubricated rotary vane vacuum pumps



## DIMENSIONS



## PERFORMANCE CURVE



## TECHNICAL SPECIFICATIONS

|                                        | MVD-0007Z                                                     | MVD-0015Z                                                     | MVD-0024Z                            | MVD-0032Z                            |
|----------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Nominal pumping speed                  | 8 / 9.6 m³/h (50 / 60 Hz)                                     | 10 / 12 m³/h (50 / 60 Hz)                                     | 16 / 18 m³/h (50 / 60 Hz)            | 20 / 24 m³/h (50 / 60 Hz)            |
| Ultimate pressure (gas ballast closed) | 4×10 <sup>-3</sup> mbar (50 / 60 Hz)                          | 4×10 <sup>-3</sup> mbar (50 / 60 Hz)                          | 4×10 <sup>-3</sup> mbar (50 / 60 Hz) | 4×10 <sup>-3</sup> mbar (50 / 60 Hz) |
| Ultimate pressure (gas ballast open)   | 3×10 <sup>-2</sup> mbar (50 / 60 Hz)                          | 3×10 <sup>-2</sup> mbar (50 / 60 Hz)                          | 3×10 <sup>-2</sup> mbar (50 / 60 Hz) | 3×10 <sup>-2</sup> 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](http://marpavacuum.com/en)

Contact us  
by scanning this QR code

