

Two-stage rotary vane vacuum pumps

VACUUM+FAB SOLUTIONS



High performance

For industrial applications, compact and rugged design

Reliable

Integrated gas-ballast valve and vacuum safety valve

Flexible

Versions for handling of corrosive gases available

Accessories, spare parts and options

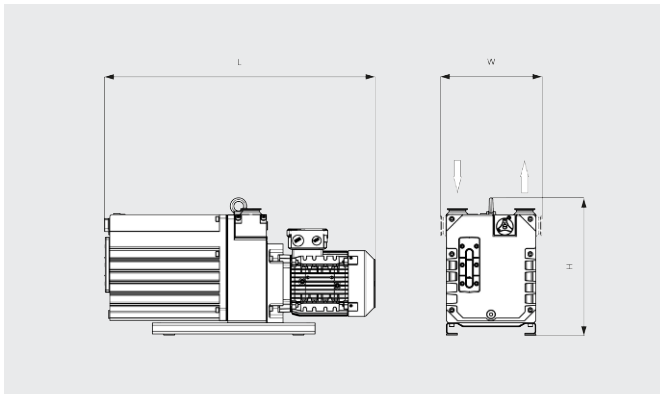
- Maintenance kits
- Oil mist separator
- Dust separator
- Sorption trap
- Cold trap
- Vacuum booster adapter flange
- Operations monitoring unit
- Mechanical oil filter
- Chemical oil filter
- M-Version - magnetic coupling version
- C-Version - corrosive gas version
- MC-Version - corrosive gas version with magnetic coupling
- Vacuum pump oils

DuoVane 36/70

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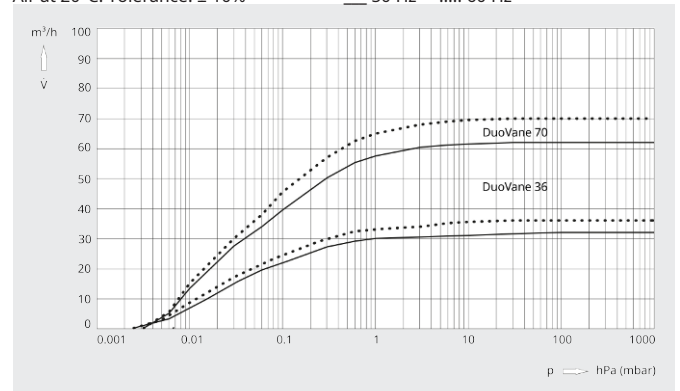
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	DuoVane 36	DuoVane 70
Nominal pumping speed	32 / 36 m³/h (50/60 Hz)	62 / 70 m³/h (50/60 Hz)
Ultimate pressure (gas-ballast valve closed)	$2 \cdot 10^{-3}$ hPa(mbar)	$2 \cdot 10^{-3}$ hPa(mbar)
Ultimate pressure (gas-ballast valve open)	$3 \cdot 10^{-3}$ hPa(mbar)	$3 \cdot 10^{-3}$ hPa(mbar)
Motor phase	Three-phase	Three-phase
Nominal motor rating	1.1 / 1.3 kW (50/60 Hz)	1.5 / 1.8 kW (50/60 Hz)
Nominal motor speed	1500 / 1800 min ⁻¹ (50/60 Hz)	1500 / 1800 min ⁻¹ (50/60 Hz)
Noise level (50 Hz)	61 dB(A)	61 dB(A)
Oil capacity	3.2 l	4.2 l
Weight approx.	68 kg	75 kg
Dimensions (L x W x H)	645 x 240 x 340 mm	728 x 240 x 340 mm
Gas inlet / outlet	DN 40 ISO-KF / DN 40 ISO-KF	DN 40 ISO-KF / DN 40 ISO-KF

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