

DuoVane 135/300

Two-stage oil-lubricated rotary vane vacuum pumps

PFEIFFER 
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User-friendly

Easy installation

Reliable

Integrated gas-ballast valve and vacuum safety valve, perfectly suited for industrial applications

Flexible

Compact design, wide range of accessories

Accessories, spare parts and options

- Seal kit
- Service kit
- Overhaul kit
- Spare pumping system
- Forevacuum safety valve kit
- Exhaust valve kit
- Coupling kit
- Vane kit
- Filter insert for gas-ballast valve
- Oil mist separator
- Dust separator
- Temperature sensor
- Operations monitoring unit
- Mechanical oil filter
- M-version - magnetic coupling version
- Vacuum pump oil

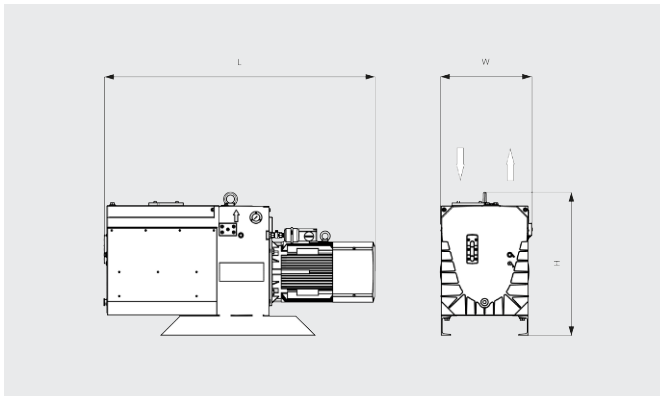
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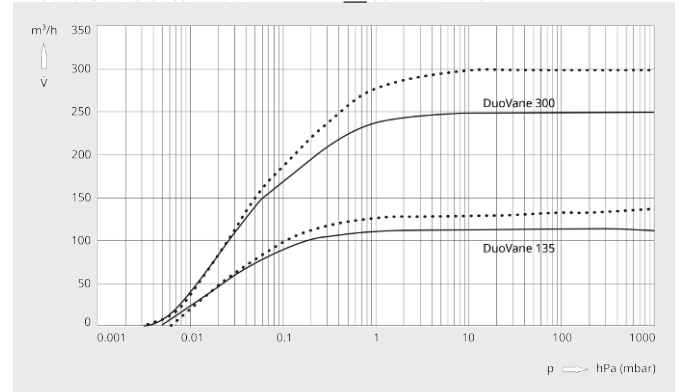
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: $\pm 10\%$

— 50 Hz 60 Hz



	DuoVane 135	DuoVane 300
Nominal pumping speed	115 / 135 m³/h (50/60 Hz)	250 / 300 m³/h (50/60 Hz)
Ultimate pressure (gas-ballast valve closed)	$2 \cdot 10^{-3}$ hPa(mbar)	$3 \cdot 10^{-3}$ hPa(mbar)
Ultimate pressure (gas-ballast valve open)	$4 \cdot 10^{-3}$ hPa(mbar)	$4 \cdot 10^{-3}$ hPa(mbar)
Motor phase	Three-phase	Three-phase
Nominal motor rating	4 / 4.5 kW (50/60 Hz)	7.5 / 9 kW (50/60 Hz)
Nominal motor speed	1000 / 1200 min ⁻¹ (50/60 Hz)	1000 / 1200 min ⁻¹ (50/60 Hz)
Noise level (50 Hz)	75 dB(A)	75 dB(A)
Oil capacity	14 l	25 l
Weight approx.	225 kg	360 kg
Dimensions (L x W x H)	1166 x 396 x 526 mm	1407 x 460 x 670 mm
Gas inlet / outlet	DN 63 ISO-F / DN 63 ISO-F	DN 100 ISO-F / DN 100 ISO-F

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