SmartVane 55/70

Single-stage oil-lubricated rotary vane vacuum pumps

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



Leakage-free

Hermetically sealed pump housing without shaft seals, no oil pan necessary, long maintenance intervals

Intelligent communication options

Dedicated communication protocol from Pfeiffer for interaction with control devices or mass spectrometer systems, remote control

Efficient

Energy-efficient interior permanent magnet (IPM) motor with standby function, reduced power consumption, low operating costs

Accessories, spare parts and options

- Service kit
- Dust separator
- Carbon filter
- Synthetic oil
- PFPE oil

© Pfeiffer Vacuum

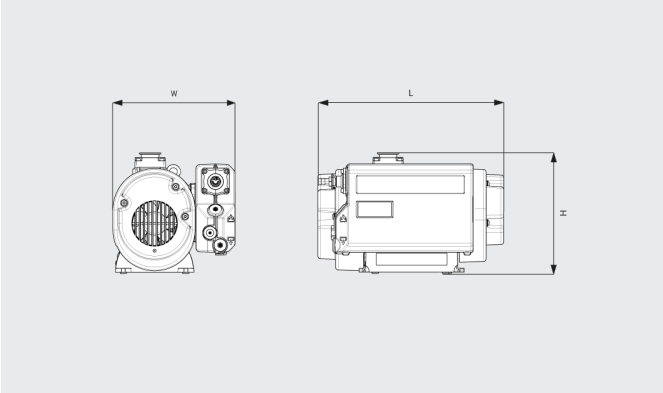
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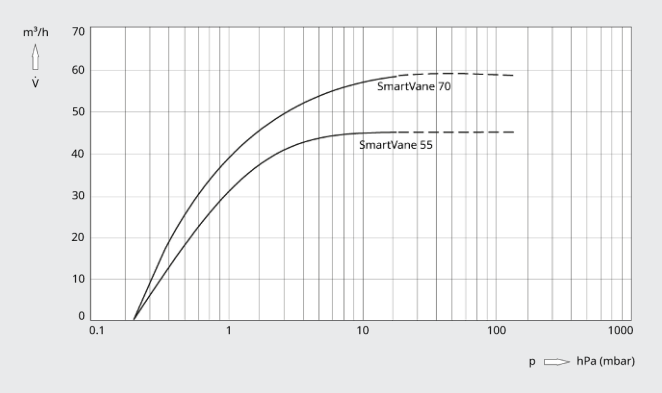
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Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10%



	SmartVane 55	SmartVane 70
Nominal pumping speed	31 - 50 m³/h	31 - 70 m³/h
Ultimate pressure (gas-ballast valve closed)	2 · 10-1 hPa(mbar)	2 · 10-1 hPa(mbar)
Motor phase	One-phase	One-phase
Nominal motor rating	0,75 kW	1 kW
Nominal motor speed	800 - 1350 min^{-1}	800 - 1800 min^{-1}
Noise level (50 Hz)	<60 dB(A)	<60 dB(A)
Oil capacity	1,75 l	1,75 l
Weight approx.	36 kg	37 kg
Dimensions (L x W x H)	415 x 312 x 309 mm	470 x 312 x 309 mm
Gas inlet / outlet	DN 40 ISO-F / DN 25 ISO-F	DN 40 ISO-F / DN 25 ISO-F

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Get in touch with us directly!

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