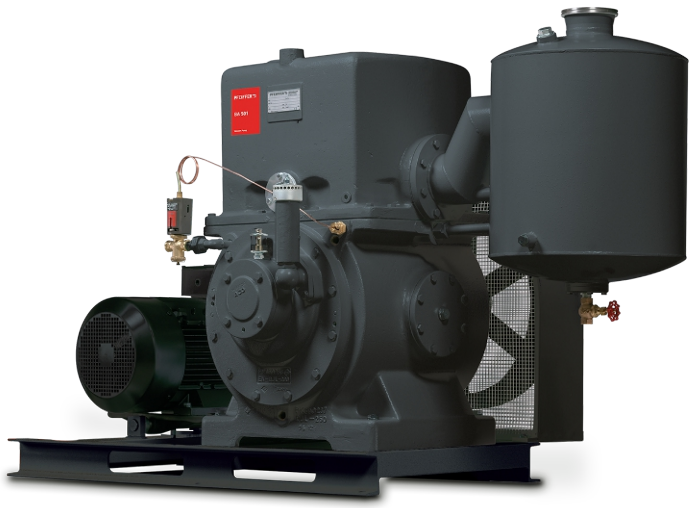
BA 501

Single-stage rotary vane vacuum pump

PFEIFFER VACUUM+FAB SOLUTIONS

Part of the BUSCH GROUP



Reliable

No influence on bearing lifetime thanks to separated oil reservoirs for bearings and compression chamber

Robust

Oil regeneration unit, easy condensate drainage

High performance

Extremely high vapor tolerance of 14,000 g/h, designed for high gas-ballast flows

Accessories, spare parts and options

- Isolation valve
- Venting valve
- Dust separator
- Vibration isolators
- Service kit
- Oil mist separator

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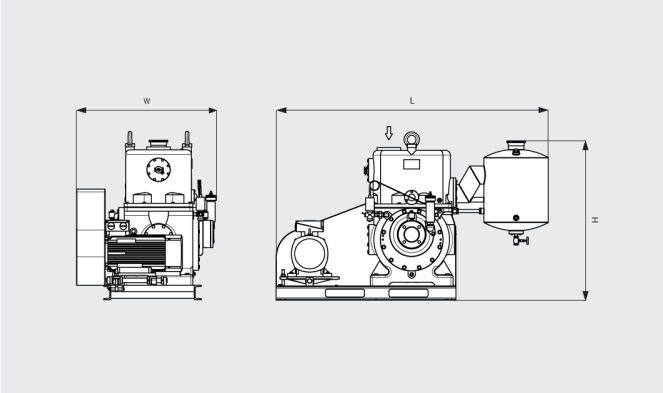
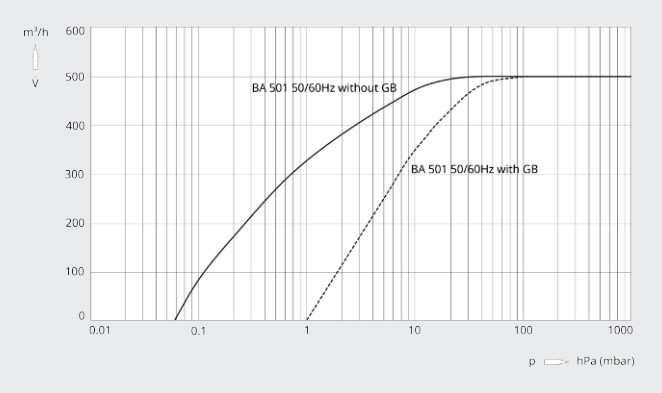
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance: ± 10% ___ 50 Hz ..... 60 Hz



BA 501	
Nominal pumping speed	500 m^3/h
Ultimate pressure (gas-ballast valve closed)	$6 \cdot 10^{-2}$ hPa(mbar)
Ultimate pressure (gas-ballast valve open)	1 hPa(mbar)
Motor phase	Three-phase
Nominal motor rating	15 / 18 kW (50/60 Hz)
Nominal motor speed	1500 / 1800 min^{-1} (50/60 Hz)
Oil capacity	45 l
Weight approx.	1100 kg
Dimensions (L x W x H)	1907 x 885 x 1070 mm
Gas inlet / outlet	DN 100 ISO-F / DN 100 ISO-K

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!

CONTACT FORM

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