



PROVAC
S A L E S

PHONE: 831-462-8900

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WWW.PROVAC.COM

Pfeiffer DUO 255

Technical Specifications

	Duo 255
Flange (out)	DN 100 ISO-F
Flange (in)	DN 100 ISO-F
Exhaust pressure. max.	1500 hPa
Operating fluid filling	25 l
Rotation speed at 50 Hz	1,000 min ⁻¹
Rotation speed at 60 Hz	1,200 min ⁻¹
Emission sound pressure level without gas ballast at 50 Hz	75 dB (A)
Ultimate pressure with gas ballast	4 · 10 ⁻³ hPa
Ultimate pressure without gas ballast	3 · 10 ⁻³ hPa
Weight	360 kg
Cooling method. standard	Air
Leak rate safety valve	≤ 1 · 10 ⁻⁵ Pa m ³ /s
Rated power 50 Hz	7.5 kW
Rated power 60 Hz	9.0 kW
Pumping speed at 50 Hz	250 m ³ /h
Pumping speed at 60 Hz	300 m ³ /h
Switch	No
Protection category	IP 55
Ambient temperature	12–40 °C



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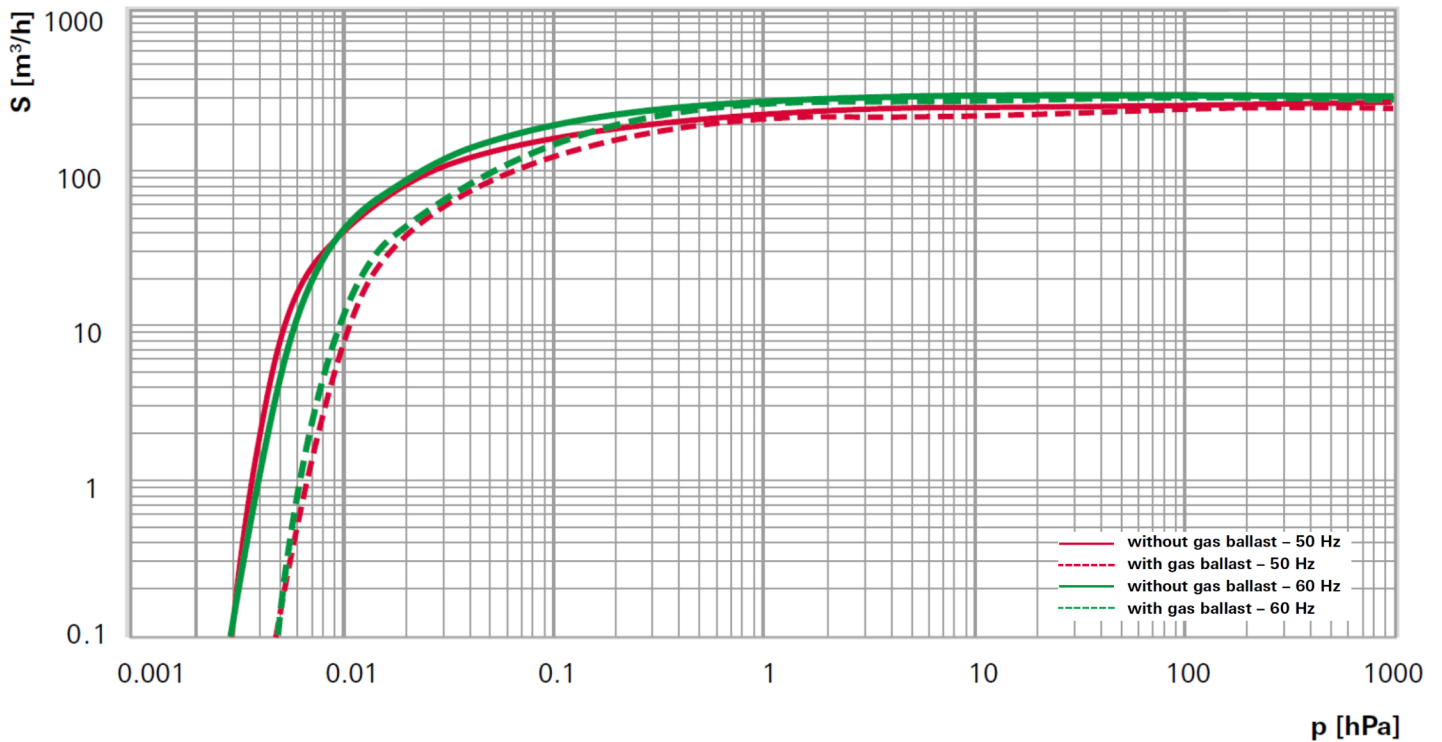
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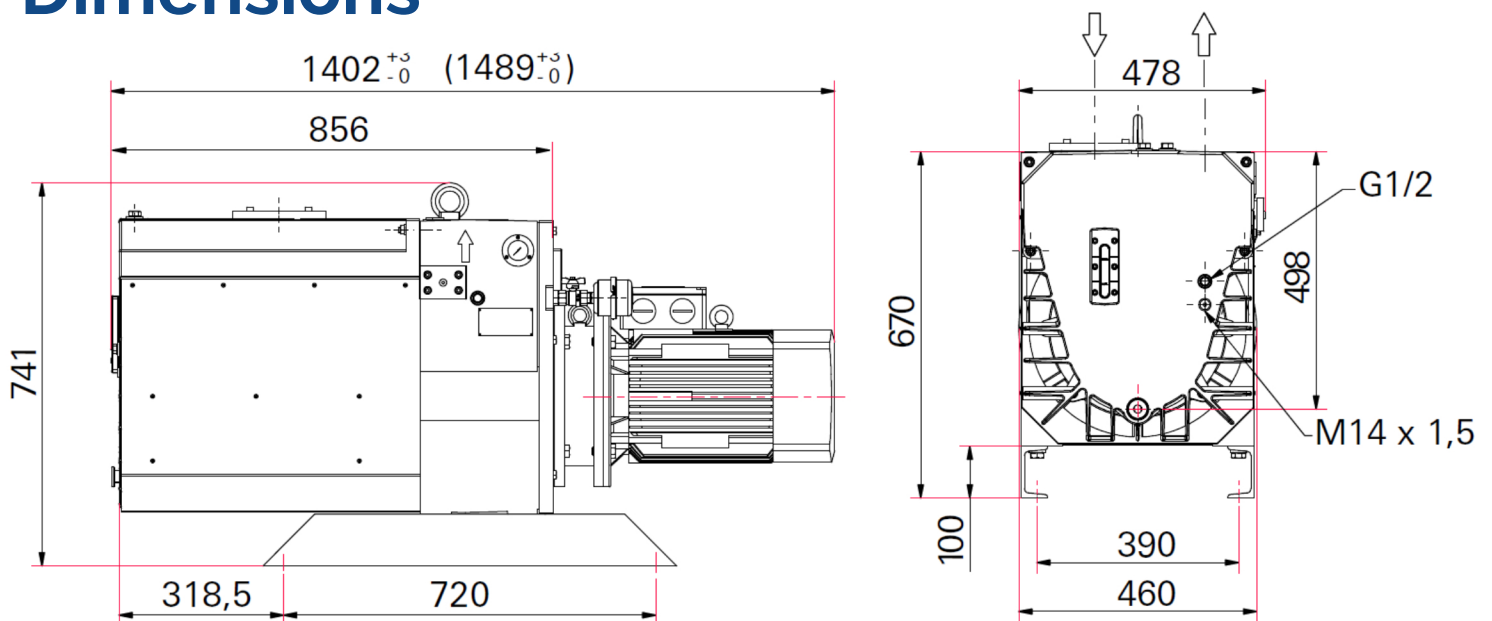
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Pumping Curves



Dimensions





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Features & Benefits

- two stage rotary vane pump
- integrated gas ballast & HV safety valve
- magnetically coupled
- long service life
- clean & environmentally friendly
- various motor voltages for worldwide employment
- integrated, hydraulically controlled high-vacuum safety valve
- compact design & optimized cooling make for great system integration
- integrated connection for oil return simplifies retrofitting of oil mist filter

Applications

- low & medium vacuum • backing pump for turbo & roots pumps
- general laboratory use • analytics • chemical laboratory • freeze drying • process engineering • mass spectrometry • optical coating

