



Pfeiffer BA 501

Technical Specifications

BA 501, 3-phase motor, 460 V, 60 Hz	
Ambient temperature	12-40 °C 53.6-104 °F 285-313 K
Cooling method, standard	Water
Cooling water consumption	50 l/h
Cooling water pressure	2,000-10,000 hPa 1,500-7,500 Torr 2,000-10,000 mbar
Cooling water temperature	10-30 °C 50-86 °F 283-303 K
Emission sound pressure level without gas ballast at 60 Hz	≤ 65 dB(A)
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Exhaust pressure, min.	Atmospheric pressure
Flange (in)	DN 100 ISO-F
Flange (out)	DN 100 ISO-K
Mains cable	No
Mains requirement: voltage (range)	±5 %
Mains requirement: voltage 60 Hz	460 V
Motor protection	3TF
Motor version	3-ph motor
Nominal rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Nominal rotation speed pump, 60 Hz	345 min ⁻¹
Operating fluid	P3
Operating fluid filling	45 l
Protection category	IP55
Pumping speed at 60 Hz	500 m ³ /h
Rated power 60 Hz	18 kW
Rotation speed at 50 Hz	345 rpm 345 min ⁻¹
Switch New	No
Ultimate pressure with gas ballast	1 hPa 0.75 Torr 1 mbar
Ultimate pressure without gas ballast	5 · 10 ⁻² hPa 3.75 · 10 ⁻² Torr 5 · 10 ⁻² mbar
Weight: with motor	1,100 kg 2,425.06 lb



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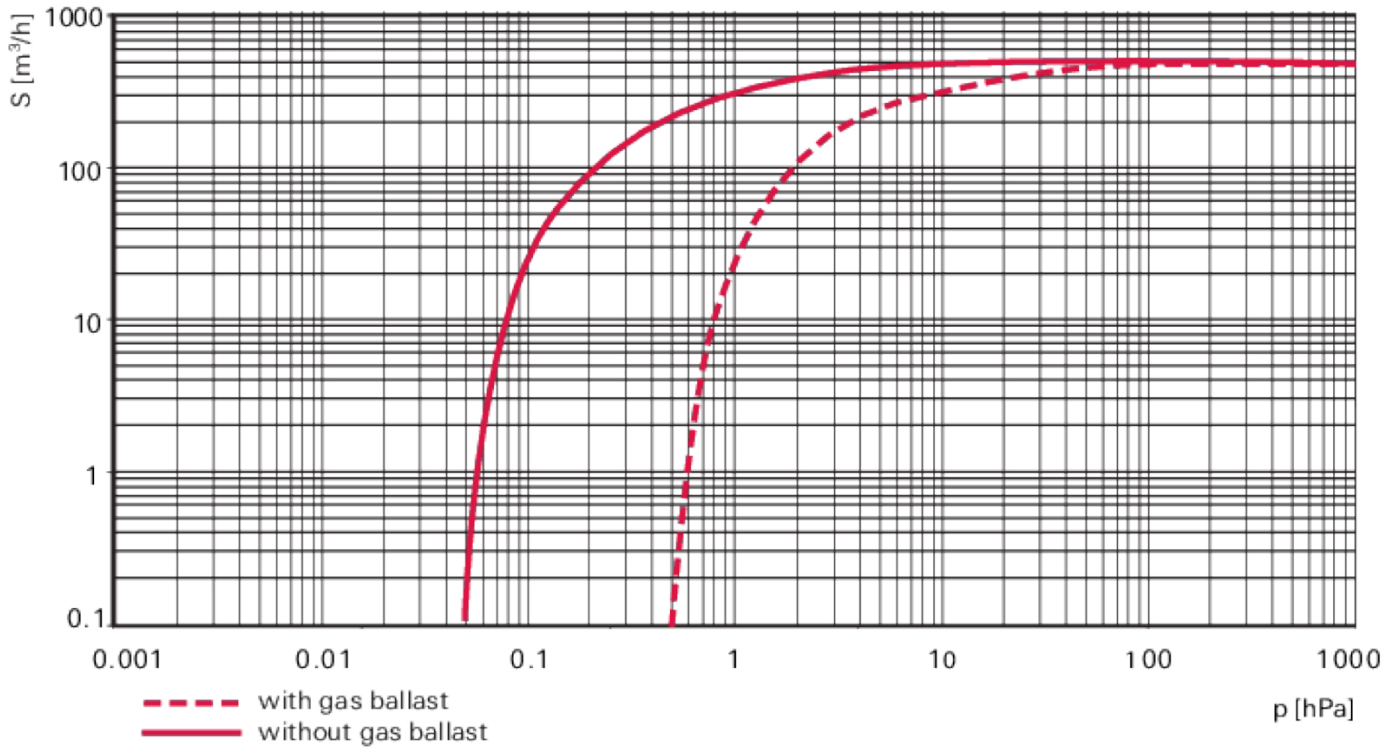
SALES

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Pfeiffer BA 501 Pumping Curves



Dimensions

