



## Pfeiffer BA 251

### Technical Specifications

	<b>BA 251</b>
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 50 Hz	63 dB(A)
Exhaust pressure, max.	1,500 hPa   1,125 Torr   1,500 mbar
Exhaust pressure, min.	Atmospheric pressure
Flange (in)	DN 63 ISO-F
Flange (out)	DN 63 ISO-K
Mains cable	No
Mains requirement: voltage (range)	±5 %
Mains requirement: voltage 50 Hz	230/400 V
Motor protection	3TF
Motor version	3-ph motor
Nominal rotation speed at 50 Hz	1,500 rpm   1,500 min <sup>-1</sup>
Nominal rotation speed pump, 50 Hz	490 min <sup>-1</sup>
Operating fluid	P3
Operating fluid filling	17 l
Protection category	IP55
Pumping speed at 50 Hz	250 m <sup>3</sup> /h
Rated power 50 Hz	11 kW
Rotation speed at 50 Hz	490 rpm   490 min <sup>-1</sup>
Switch New	No
Ultimate pressure with gas ballast	1 hPa   0.75 Torr   1 mbar
Ultimate pressure without gas ballast	5 · 10 <sup>-2</sup> hPa   3.75 · 10 <sup>-2</sup> Torr   5 · 10 <sup>-2</sup> mbar
Weight: with motor	570 kg   1,256.62 lb



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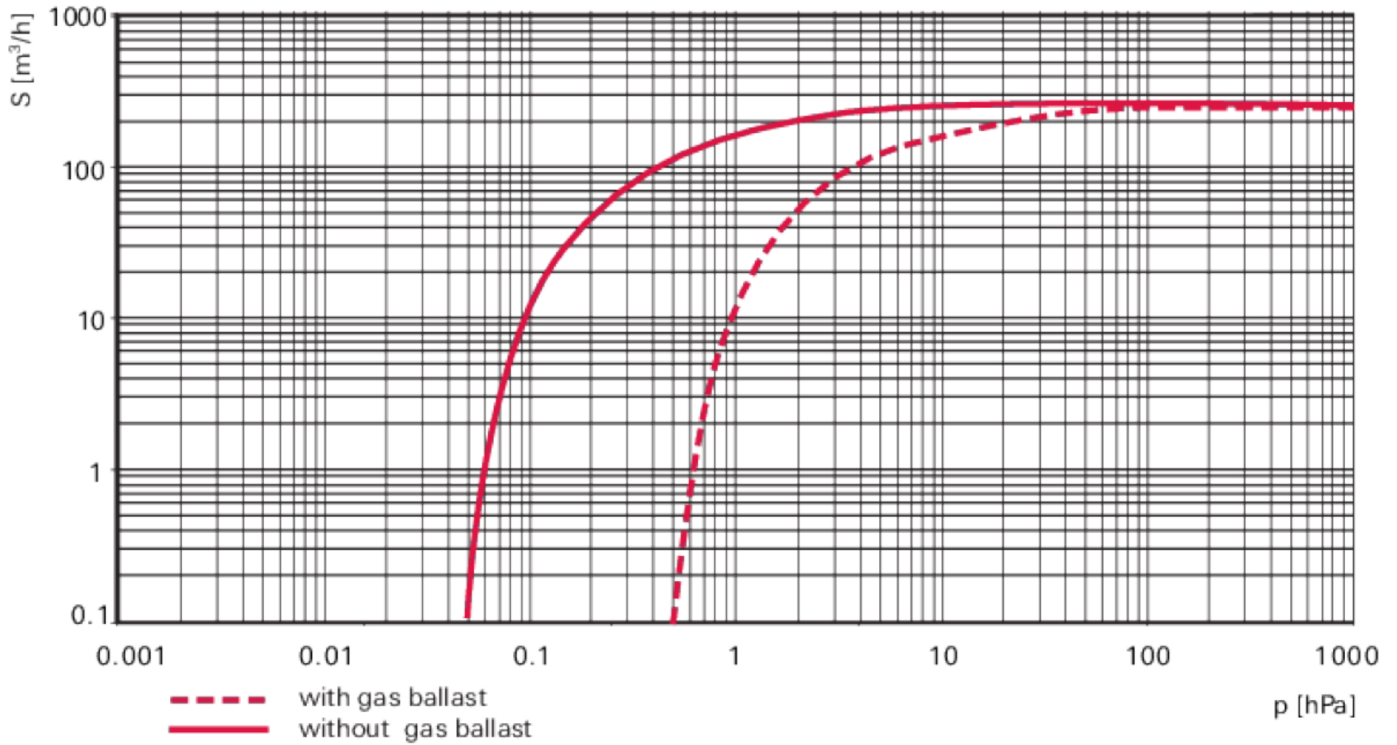
## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

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## Pfeiffer BA 251 Pumping Curves



## Dimensions

