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PHONE: 831-462-8900 FAX: 831-462-3536 WWW.PROVAC.COM

Pfeiffer Okta 800

Technical Specifications

	Okta 800
Ambient temperature	5-40 °C | 41-104 °F | 278-313 K
Cooling method, standard	Air
Differential pressure max.	60 – 35 hPa
Dimensions (L x W x H)	1,004 x 300 x 377 mm | 39.53 x 11.81 x 14.84 inch
Emission sound pressure level (EN ISO 2151) at intake pressure 10 hPa	75 dB(A)
Emission sound pressure level (EN ISO 2151) at intake pressure 1 hPa	74 dB(A)
Flange (in)	DN 100 ISO-F
Flange (out)	DN 100 ISO-F
Interfaces	RS232/RS485
Leak rate	$1 \cdot 10^{-3}$ Pa m³/s
Mains requirement: voltage 50 Hz	400 – 480 V
Mains requirement: voltage 60 Hz	400 – 480 V
Motor protection	3TF
Nominal pumping speed	290 – 870 m³/h
Nominal pumping speed at 50 Hz	580 m³/h
Nominal pumping speed at 60 Hz	700 m³/h
Nominal pumping speed max.	870 m³/h
Nominal pumping speed min.	290 m³/h
Nominal rotation speed at 50 Hz	3,000 rpm | 3,000 min^{-1}
Nominal rotation speed at 60 Hz	3,600 rpm | 3,600 min^{-1}
Operating fluid	P3
Operating fluid filling	1.5 l
Protection category	IP55
Rated power 50 Hz	3 kW
Rated power 60 Hz	3 kW
Rotation speed	1,500-4,500 rpm | 1,500-4,500 min^{-1}
Version	Standard with motor
Voltage: Range	±10 %
Weight: with motor	138 kg | 304.23 lb

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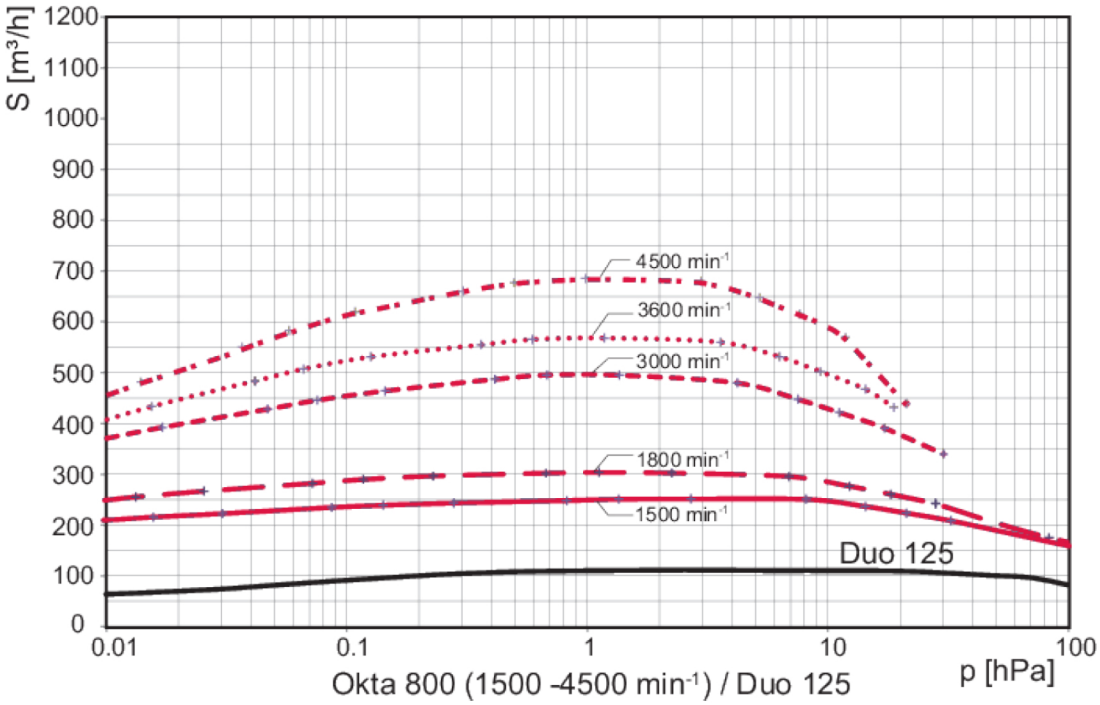
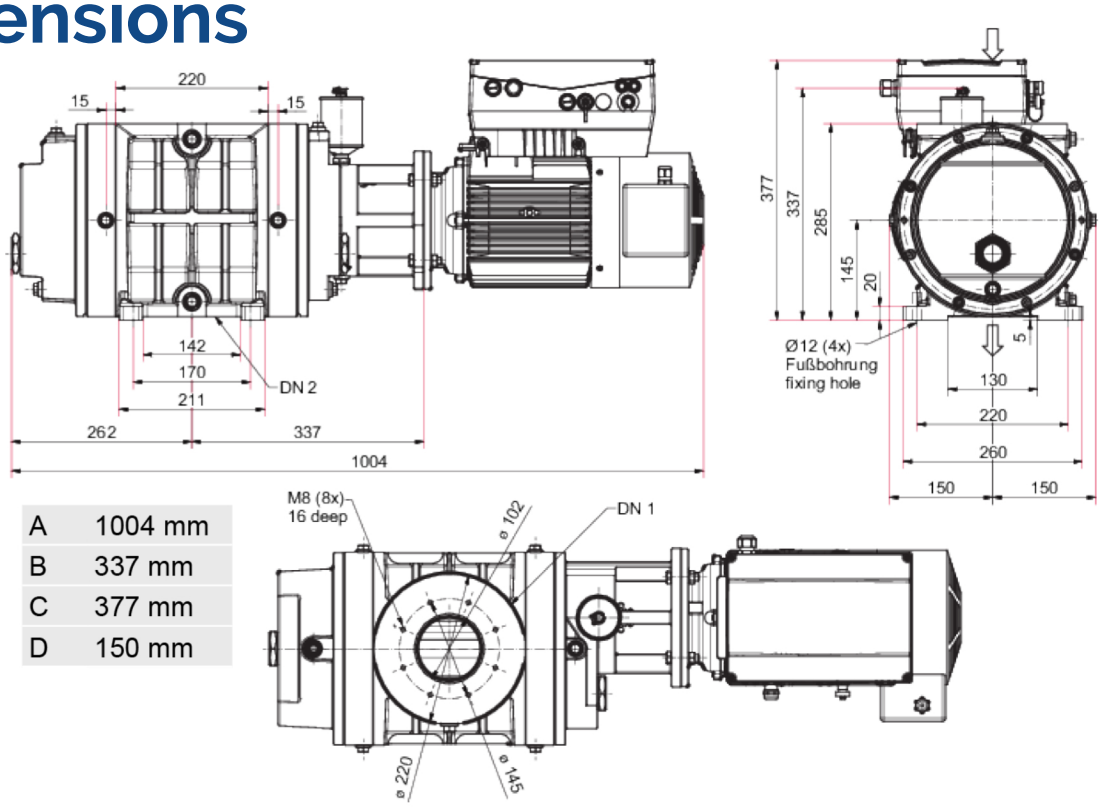
Pumping Curves



Dimensions



A	1004 mm
B	337 mm
C	377 mm
D	150 mm

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Features & Benefits

- low operating costs
- convection cooling
- magnetic coupling
- rugged, compact design
- optimum flexibility and maximum process suitability
- fast evacuation thanks to high compression ratio & overflow valve
- maintenance free, maximum reliability & highest uptime
- integral overflow valve prevents thermal overload
- long service intervals & simple on-site maintenance

Applications

- metallurgy • simulation chambers • packaging industry • freeze & vacuum-drying • thin-film technology • electron beam welding
- load-locks • chemistry & process technology • industrial leak detection systems • steel degassing