



Okta 4000 G

Gas-cooled Roots pump with a pumping speed range from 2,300 to 6,900 m³/h



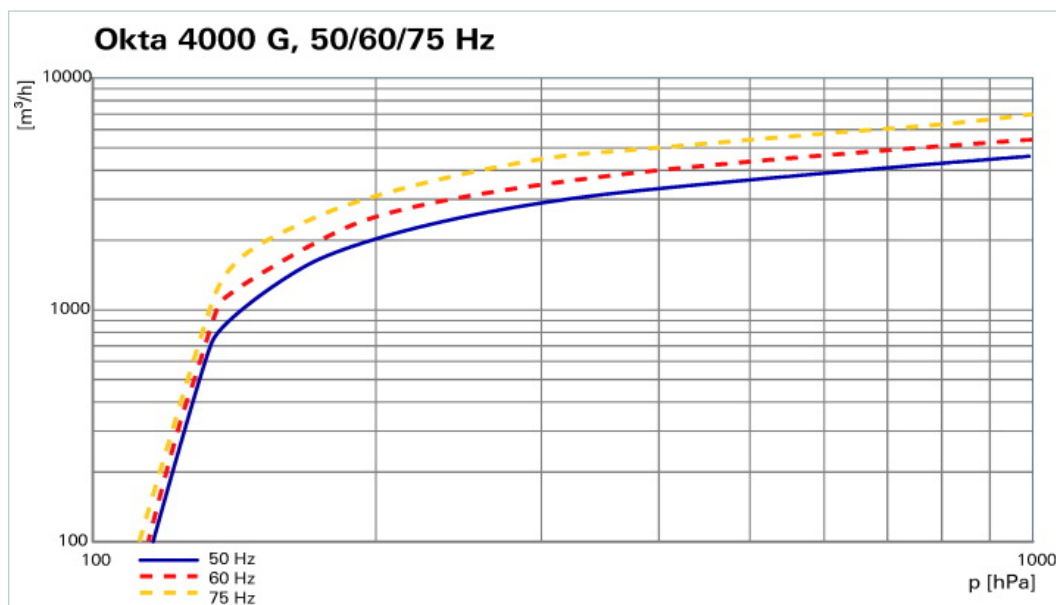
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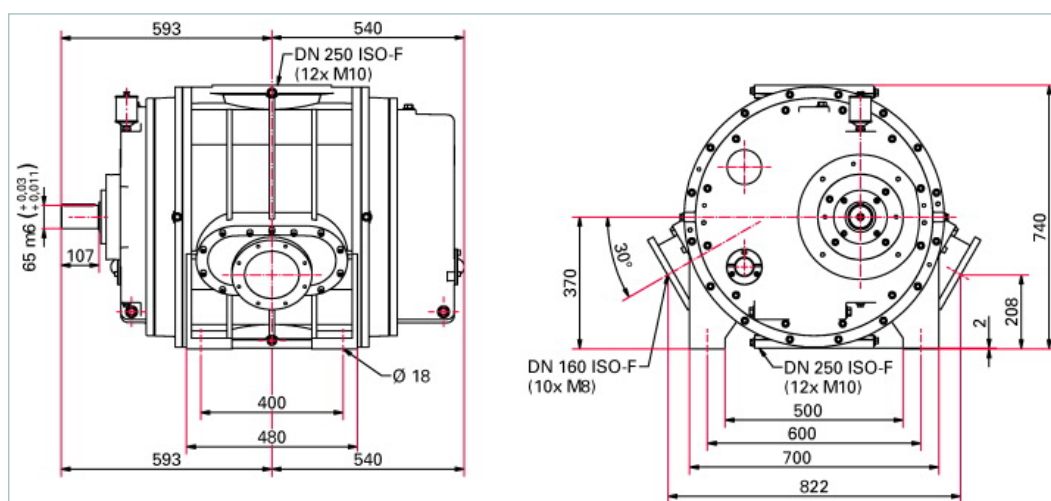
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Okta 4000 G, gas-cooled Roots pump without motor, DN 250 ISO-F

- High-performance gas cooled roots pump with a pumping speed from 2300 to 6900 m³/h
- For applications in the low and medium vacuum
- Single stage pressure range from 130 to 1013 hPa, in series with smaller final pressure
- Connection flange DN 250 ISO-F
- No thermal overload thanks to gas cooling
- With sealing gas connection
- Customized design and offer for motor, gas cooler, and coupling on request



Dimensions



Technical Data

Okta 4000 G, gas-cooled Roots pump without motor, DN 250 ISO-F

Ambient temperature	5-40 °C 41-104 °F 278-313 K
Cooling gas connection	DN 160 ISO-F
Cooling method, standard	Gas-cooled

Technical Data		Okta 4000 G, gas-cooled Roots pump without motor, DN 250 ISO-F	
Flange (in)		DN 250 ISO-F	
Flange (out)		DN 250 ISO-F	
Leak rate		1 · 10 ⁻³ Pa m³/s 7.5 · 10 ⁻³ Torr l/s 1 · 10 ⁻² mbar l/s	
Motor rating		max. 132 kW	
Noise level with connected exhaust line		75-105 dB (A)	
Nominal pumping speed		2300-6900 m³/h	
Nominal pumping speed at 50 Hz		4600 m³/h	
Nominal pumping speed at 60 Hz		5500 m³/h	
Nominal rotation speed at 50 Hz		1500 min ⁻¹	
Nominal rotation speed at 60 Hz		1800 min ⁻¹	
Operating fluid		P3	
Operating fluid filling		21 l	
Protection category		IP 55	
Rotation speed		from 750 to 2250 min ⁻¹	
Rotation speed max.		2250 min ⁻¹	
Rotation speed min.		750 min ⁻¹	
Sealing gas		yes	
Ultimate pressure without gas ballast		130 hPa 97.5 Torr 130 mbar	
Weight: without motor		1,150 kg 2,535.29 lb	
Order number			
Okta 4000 G		PP G70 001	

Accessories	
Adjusting elements for fastening the feet.	
Setting elements for foot mounting for Okta 4000 G, 35 mm	PP 015 092 -T
Blank flange sets	
Blank flange set (Stainless steel) for Okta 4000 G, DN ISO-K	PP 015 088 -T
Blank flange set (Stainless steel) for Okta 4000 G, PP 015 089 -T	PP 015 089 -T
Blank flange set for Okta 4000 G, Stainless steel	PP 015 087 -T
DN ISO-F	
Mounting bolts (Stainless steel) for Okta 4000 G, DN ISO-F	PP 015 082 -T
Mounting bolts (Zinc-plated Steel) for Okta 4000 G, DN ISO-F	PP 015 081 -T
DN ISO-K	
Claw set (Stainless steel) for Okta 4000 G, DN ISO-K	PP 015 083 -T
Claw set (Zinc-plated Steel) * for Okta 4000 G, DN ISO-K	PP 015 085 -T
Claw set (Zinc-plated Steel) for Okta 4000 G, DN ISO-K	PP 015 084 -T
DN PN16/PN10	
Mounting bolts (Zinc-plated Steel) for Okta 4000 G / Okta 4000 G, Okta 8000 G, DN PN16/PN10	PP 015 086 -T
Finned tube cooler	
Finned tube cooler for Okta 8000 / Okta 4000 G / Okta 8000 G, G 3/8 (2x)	PP 047 289 -T
Purge gas kit	
Sealing gas kit for Okta 250 / M / Okta 500 / M / Okta 1000 / M / Okta 2000 / M / Okta 4000 / M / Okta 6000 / M / Okta 8000 / Okta 1500 G / Okta 4000 G / Okta 8000 G, G 3/8 (4x)	PP 027 401 -T
Sealing kits	
Centering ring with outer ring for cooling gas flange for Okta 4000 G, DN ISO-F	PP 015 091 -T
Centering ring with outer ring for vacuum flange for Okta 4000 / M / Okta 6000 / M / Okta 4000 G, DN ISO-F	PF 303 125 -T
Seal kit (FKM) for Okta 4000 G, DN PN16/PN10	PP 015 090 -T
Splinter shield	
Splinter shield for Okta 4000/4000 M/4000 G/6000/6000 M	PP 031 136 -X
Splinter shield for Okta 4000 / 6000, hermetically sealed	PP 031 137 -X
Sprayer	
Sprayer DN ISO-F for Okta 4000 / M / Okta 6000 / M / Okta 4000 G	PP 045 872 -T
Sprayer DN PN16/PN10 for Okta 4000 G	PP 015 078 -T
Temperature sensor	
Temperature sensor for Okta 250 / M / Okta 500 / M / Okta 1000 / M / Okta 2000 / M / Okta 4000 / M / Okta 6000 / M / Okta 500 G / Okta 1500 G / Okta 4000 G, G 3/8	PP 041 457 -T
Consumables	
P3, mineral oil, 1 l	PK 001 106 -T
P3, mineral oil, 20 l	PK 001 108 -T