



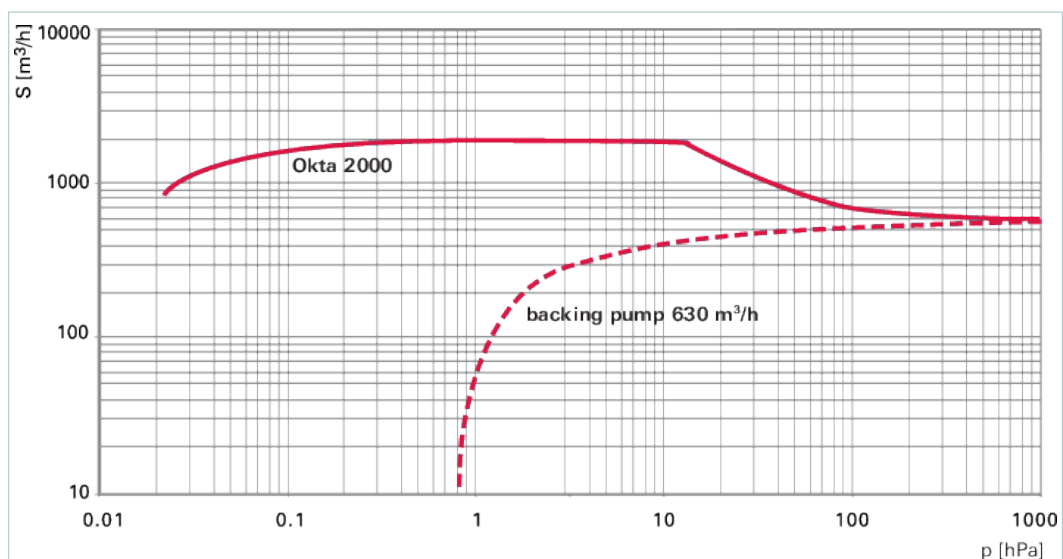
**Okta 2000, Roots pump, 230/400 V,
50 Hz | 265/460 V, 60 Hz**



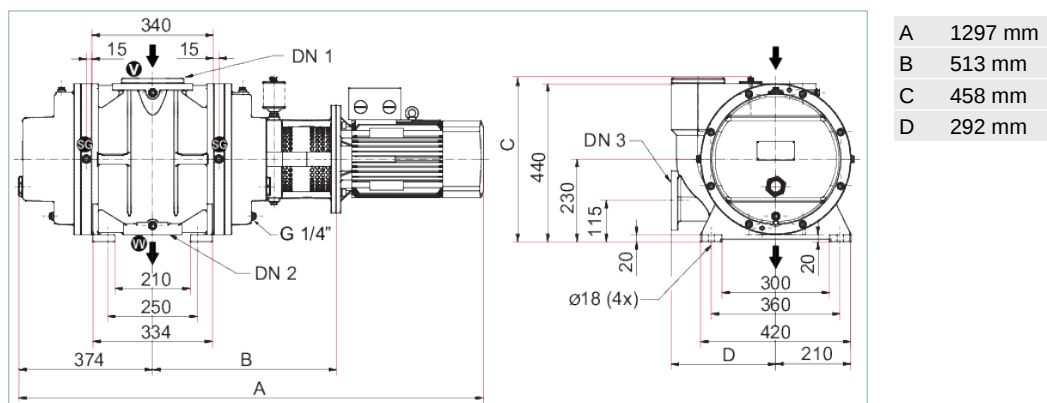
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Okta 2000, Roots pump, 230/400 V, 50 Hz | 265/460 V, 60 Hz

- High-performance Roots pump with a pumping speed of 1075 to 3230 m³/h
- For mains voltage: 230/400 V, 50 Hz or 265/460 V, 60 Hz
- No thermal overload thanks to integrated overflow valve
- For applications in the low and medium vacuum



Dimensions



Technical Data

Okta 2000, Roots pump, 230/400 V, 50 Hz | 265/460 V, 60 Hz

Ambient temperature	5-40 °C 41-104 °F 278-313 K
Connection flange (in)	DN 160 ISO-F
Connection flange (out)	DN 100 ISO-F
Cooling method	Air (Forced convection)
Differential pressure	35 hPa 26.25 Torr 35 mbar
Dimensions (L x W x H)	1,297 x 502 x 458 mm 51.06 x 19.76 x 18.03 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	72 dB(A)
Input voltage(s)	230 / 400 V AC, 50 Hz // 265 / 460 V AC (±5 %), 60 Hz

Technical Data		Okta 2000, Roots pump, 230/400 V, 50 Hz 265/460 V, 60 Hz	
Integral leak rate		1 · 10 ⁻³ Pa m³/s 7.5 · 10 ⁻³ Torr l/s 1 · 10 ⁻² mbar l/s	
Magnetic coupling		No	
Mains frequency compatibility		50 Hz 60 Hz	
Motor for region		Europe Asia	
Motor protection		3TF	
Nominal pumping speed		1,075-3,230 m³/h 632.75-1,901.18 cfm 17,916.67-53,833.33 l/min	
Nominal pumping speed at 50 Hz		2,155 m³/h 1,268.43 cfm 35,916.67 l/min	
Nominal pumping speed at 60 Hz		2,585 m³/h 1,521.53 cfm 43,083.33 l/min	
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 amount		5 l	
Protection degree		IP55	
Rated power 50 Hz		5.5 kW	
Rated power 60 Hz		6.3 kW	
Rotation speed		1,500-4,500 rpm 1,500-4,500 min ⁻¹	
Version		Standard with motor	
Weight: with motor		340 kg 749.56 lb	
Order number			
Okta 2000		PP W61 000	

Accessories	
Connections Gear chamber evacuation	
Gear box evacuation (Plastic tube) for Okta 2000/M, G 3/8 (3x)	PP 144 120 -T
Control Devices Frequency converters	
Frequency converter Okta 2000/M installed in the control cabinet	PP 078 304 AT
Flanges/Ports Blank flanges	
Blank flange set for Okta 1000/M Okta 2000/M, Stainless steel	PP 043 883 -T
Blank flange set for Okta 1000/M Okta 2000/M, DN ISO-K, stainless steel	PP 043 884 -T
Blank flange set for Okta 1000/M/ATEX Okta 2000/M/ATEX, DN PN16, stainless steel	PP 043 885 -T
Monitoring Oil/Operating fluid level monitoring	
Oil level monitoring 20–250 V AC for Okta 250/M Okta 300/M Okta 500/M Okta 600/M Okta 800/M Okta 1000/M Okta 2000/M Okta 4000/M Okta 6000/M, G 1 ¼	PK 004 930 -U
Oil level monitoring 24 V DC for Okta 250/M Okta 300/M Okta 500/M Okta 600/M Okta 800/M Okta 1000/M Okta 2000/M Okta 4000/M Okta 6000/M, G 1 1/4	PK 005 639 -U
Monitoring Oil compensating lines with oil level monitoring	
Oil compensating line with oil level monitoring for Okta 2000, G 3/8 (4x), G 1 ¼ (1x)	PP 031 448 -T
Monitoring Pressure Sensors	
OmniControl 200 with TPR 270	PT 440 950 -T
Monitoring Temperature sensors	
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
Mounting Adjusting elements for foot mounting	
Setting elements for foot mounting for Okta 2000/M/ATEX Okta 4000/M/ATEX Okta 6000/M Okta 1500 G, 29 mm	PP 144 118 -T
Mounting Claw sets DN ISO-K	
Clamping bracket set for Okta 1000/M Okta 2000/M, DN ISO-K, stainless steel	PP 043 879 -T
Clamping bracket set for Okta 1000/M Okta 2000/M, DN ISO-K, steel, galvanized	PP 043 881 -T
Mounting Screw sets	
Screw set for Okta 1000/M Okta 2000/M, DN ISO-F, steel, galvanized	PP 043 873 -T
Screw set for Okta 1000/M Okta 2000/M, DN ISO-F, stainless steel	PP 043 878 -T
Screw set for Okta 2000/M/ATEX, DN PN16, zinc-plated steel	PP 144 117 -T
Mounting Sealing kits	
Centering ring with outer ring for vacuum flange for Okta 300/M Okta 500/M Okta 500 G Okta 600/M Okta 800/M Okta 1000/M Okta 2000/M, DN ISO-F	PF 303 110 -T
Centering ring with outer ring for vacuum flange and fore-vacuum flange for Okta 1000/M Okta 1500 G Okta 2000/M Okta 4000/M Okta 6000/M, DN ISO-F	PF 303 116 -T
Set of seals (FKM) for Okta 1000/M/ATEX Okta 2000/M/ATEX, DN PN16	PP 043 886 -T

Accessories	
Protection Flushing devices	
Sprayer DN PN16/PN10 for Okta 1000/M Okta 2000/M Okta 1500 G	PP 031 243 -T
Sprayer DN ISO-F for Okta 1000/M Okta 2000/M Okta 1500 G	PP 031 252 -T
Spray lance G 3/8" for Okta 250/M Okta 500/M Okta 500 G Okta 1000/M Okta 2000/M Okta 1500 G	PP 041 469 -U
Protection Sealing gas kits	
Sealing gas kit (plastic tube) for Okta 250/M Okta 300/M Okta 500/M Okta 600/M Okta 800/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
Protection Splinter shield	
Splinter shield for Okta 1000/M Okta 2000/M Okta 1500 G	PP 031 114 -X
Splinter shield for Okta 1000/M Okta 2000/M Okta 1500 G	PP 031 115 -X
Valves Isolation valves	
EVb 160 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC	310VEP160-02
Consumables	
P3, mineral oil, 1 l	PK 001 106 -T
P3, mineral oil, 5 l	PK 001 107 -T

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