



# Okta 600

Roots pumps with a pumping speed of 280 to 840 m<sup>3</sup>/h:





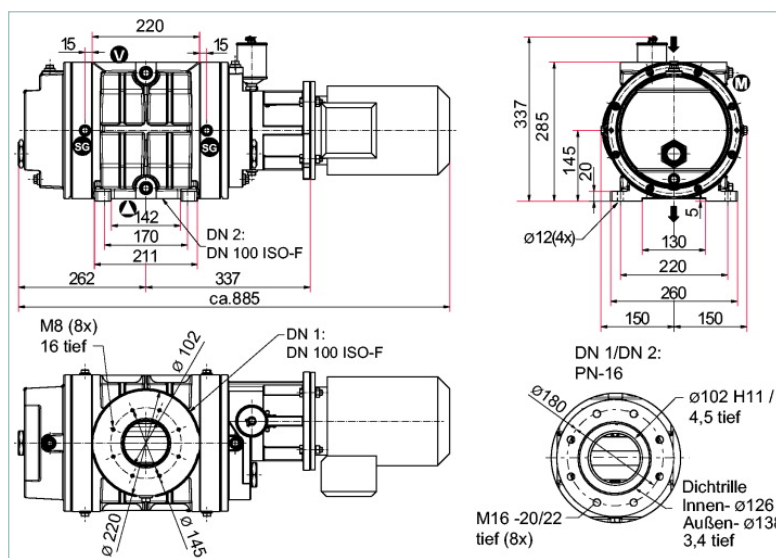
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## Okta 600, Roots pump, 230/400 V, 50 Hz; 265/460 V, 60 Hz

Okta = Standard pumps with radial shaft sealing rings, housing parts made of nodular graphite cast iron, flange connection in accordance with ISO-F or PN-16

Okta M = Standard pumps, hermetically sealed thanks to magnetic coupling, housing parts made of nodular graphite cast iron, flange connection in accordance with ISO-F or PN-16

### Dimensions



DN 1	DN 100 ISO-F
DN 2	DN 100 ISO-F

Technical Data	Okta 600, Roots pump, 230/400 V, 50 Hz; 265/460 V, 60 Hz
Ambient temperature	5-40 °C   41-104 °F   278-313 K
Cooling method, standard	Air
Differential pressure max.	35-60 hPa   26.25-45 Torr   35-60 mbar
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	70 dB (A)
Flange (in)	DN 100 ISO-F
Flange (out)	DN 100 ISO-F
Leak rate	1 · 10 <sup>-3</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-3</sup> Torr l/s   1 · 10 <sup>-2</sup> mbar l/s
Mains requirement: voltage 50 Hz	230/400 V
Mains requirement: voltage 60 Hz	265/460 V
Nominal pumping speed	290-870 m <sup>3</sup> /h
Nominal pumping speed at 50 Hz	580 m <sup>3</sup> /h
Nominal pumping speed at 60 Hz	700 m <sup>3</sup> /h
Nominal rotation speed at 50 Hz	3000 min <sup>-1</sup>
Nominal rotation speed at 60 Hz	3600 min <sup>-1</sup>
Operating fluid	P3
Operating fluid filling	1.5 l
Protection category	IP 55
Rated power 50 Hz	1.5 kW
Rated power 60 Hz	1.8 kW
Rotation speed	1500-4500 min <sup>-1</sup>

Technical Data		Okta 600, Roots pump, 230/400 V, 50 Hz; 265/460 V, 60 Hz
Rotation speed max.		4500 min <sup>-1</sup>
Rotation speed min.		1500 min <sup>-1</sup>
Version		Standard with motor
Weight: with motor		130 kg   286.6 lb
Order number		
Okta 600		PP W34 000

Accessories	
<b>Accessories</b>	
Oil level monitoring 20-250 V AC for Okta 250 / M / Okta 500 / M / Okta 1000 / M / Okta 2000 / M / Okta 4000 / M / Okta 6000 / M, G 1 1/4	PK 004 930 -U
Oil level monitoring 24 V DC for Okta 250 / M / Okta 500 / M / Okta 1000 / M / Okta 2000 / M / Okta 4000 / M / Okta 6000 / M, G 1 1/4	PK 005 639 -U
<b>Adjusting elements for fastening the feet.</b>	
Setting elements for foot mounting for Okta 250 / M / Okta 500 / M / Okta 1000 / M, 35 mm	PP 041 454 -T
<b>Blank flange sets</b>	
Blank flange set (Stainless steel) for Okta 500 / M, DN ISO-K	PP 042 665 -T
Blank flange set (Stainless steel) for Okta 500 / M / ATEX, DN PN16/PN10	PP 042 666 -T
Blank flange set for Okta 500 / M, Stainless steel	PP 042 664 -T
<b>DN ISO-F</b>	
Mounting bolts (Stainless steel) for Okta 500 / M, DN ISO-F	PP 042 655 -T
Mounting bolts (Zinc-plated Steel) for Okta 500 / M, DN ISO-F	PP 042 645 -T
<b>DN ISO-K</b>	
Claw set (Stainless steel) for Okta 500 / M, DN ISO-K	PP 042 660 -T
Claw set (Zinc-plated Steel) * for Okta 500 / M, DN ISO-K	PP 042 662 -T
Claw set (Zinc-plated Steel) for Okta 500 / M, DN ISO-K	PP 042 661 -T
<b>DN PN16/PN10</b>	
Mounting bolts (Zinc-plated Steel) for Okta 500 / M / ATEX, DN PN16/PN10	PP 042 663 -T
<b>Frequency converter</b>	
Frequency converter (Complete with control box) Okta 500 / M	PP 078 296 -T
<b>Oil compensating line (with oil level monitoring)</b>	
Oil compensating line with oil level monitoring for Okta 250 / M / Okta 500 / M, G 3/8 (4x), G 1 1/4 (1x)	PP 031 446 -T
<b>Purge gas kit</b>	
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
<b>Sealing kits</b>	
Centering ring with outer ring for vacuum flange for Okta 500 / M / Okta 500 G, DN ISO-F	PF 303 110 -T
Seal kit (FKM) for Okta 500 / M / ATEX, DN PN16/PN10	PP 042 667 -T
<b>Splinter shield</b>	
Splinter shield for Okta 500	PP 042 350 -X
Splinter shield for Okta 500/500 M/500 G	PP 030 149 AX
<b>Sprayer</b>	
Sprayer DN ISO-F for Okta 500 / M / Okta 500 G	PP 042 649 -T
Sprayer DN PN16/PN10 for Okta 500 / M	PP 042 650 -T
<b>Consumables</b>	
P3, mineral oil, 0.5 l	PK 001 136 -T
P3, mineral oil, 5 l	PK 001 107 -T
P3, mineral oil, 20 l	PK 001 108 -T