



# Okta 600

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



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Similar Image

## Okta 600, Roots pump, without motor

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

Technical Data	Okta 600, Roots pump, without motor
Ambient temperature	5-40 °C   41-104 °F   278-313 K
Cooling method, standard	Air
Differential pressure at the overflow valve	35-60 hPa   26.25-45 Torr   35-60 mbar
Dimensions (L x W x H)	599-300-337 mm <sup>3</sup> /
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	0.01 hPa l/s   $7.5 \cdot 10^{-3}$ Torr l/s   0.01 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 1/min
Nominal rotation speed at 60 Hz	3600 1/min
Operating fluid	P3
Operating fluid filling	1.5 l
Protection category	IP 55
Pumping speed for N <sub>2</sub>	580-700 m <sup>3</sup> /h
Rated power 50 Hz	1,5 kW
Rated power 60 Hz	1,8 kW
Rotation speed	1500-4500 1/min
Rotation speed max.	4500 1/min
Rotation speed min.	1500 1/min
Version	Standard without motor
Weight: without motor	110 kg   242.51 lb

Order number	
Okta 600	PP W34 001

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>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