



**Okta 6000, Roots pump,
400/690 V, 50 Hz | 460 V,
60 Hz**



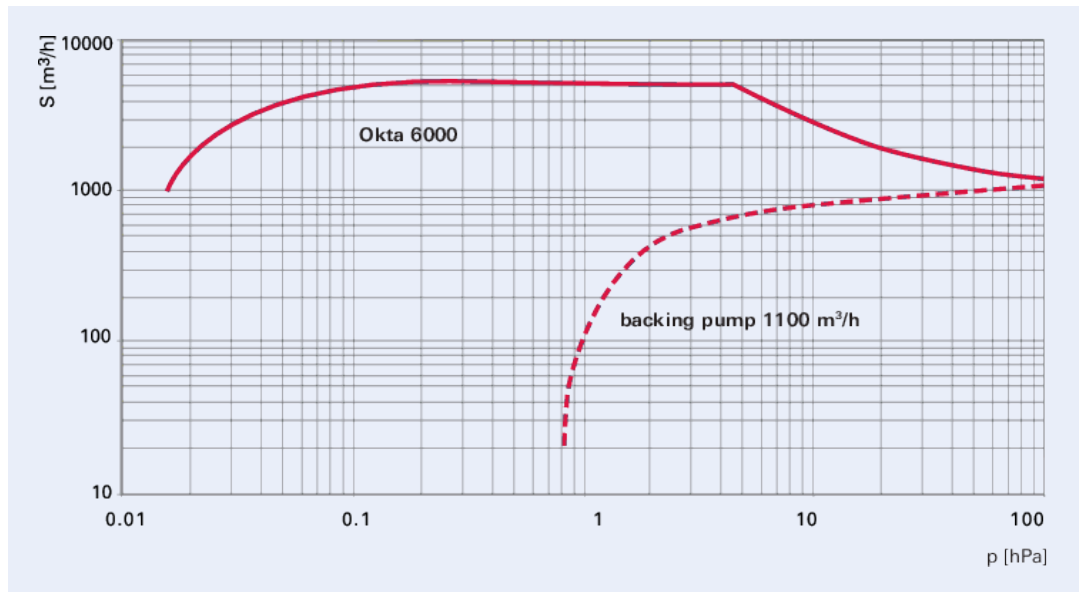
Okta 6000



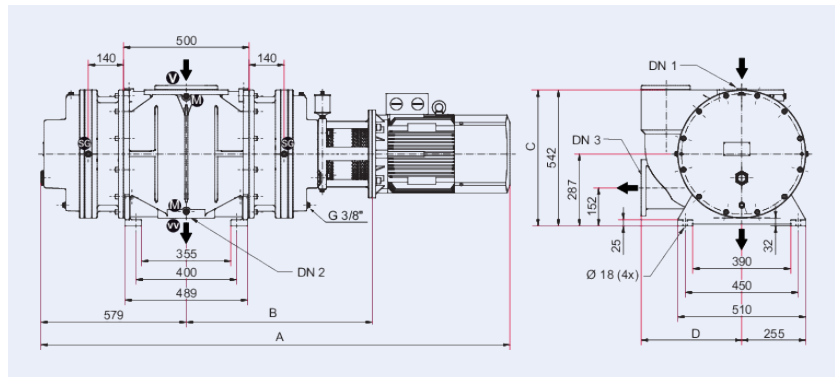
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- High-performance Roots pump with a pumping speed of 3240 to 9730 m³/h
- For mains voltage: 400/690 V, 50 Hz respectively 460 V, 60 Hz
- No thermal overload thanks to integrated overflow valve
- For applications in the low and medium vacuum
- With IE3 motor

Characteristics



Dimensions



A	1,867 mm
B	741 mm
C	560 mm
D	400 mm

Technical Data

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Operating fluid	P3
Cooling method	Air
Pumping speed category	6 000 m ³ /h
Nominal pumping speed	3 240 – 9 730 m ³ /h
Nominal pumping speed at 50 Hz	6,485 m ³ /h
Nominal pumping speed at 60 Hz	7,785 m ³ /h
Differential pressure	20 hPa
Motor for region	Asia Europe
Ambient temperature	5 – 40 °C
Input voltage(s)	400 / 690 V AC, 50 Hz // 460 V AC (±5 %), 60 Hz
Nominal pumping speed at 60 Hz	7,785 m ³ /h 4,582.251 cfm 129,752.595 l/min
Nominal pumping speed at 50 Hz	6,485 m ³ /h 3,817.071 cfm 108,085.495 l/min
Nominal rotation speed at 60 Hz	3,600 rpm 3,600 min ⁻¹
Nominal rotation speed at 50 Hz	3,000 rpm 3,000 min ⁻¹
Weight: with motor	870 kg 1,918 lb
Motor protection	3TF
Nominal rotation speed at 60 Hz	3,600 rpm
Nominal rotation speed at 50 Hz	3,000 rpm
Rotation speed	1 500 – 4 500 rpm
Rated power 50 Hz	15 kW
Rated power 60 Hz	18.5 kW
Weight: with motor	870 kg
Dimensions (L x W x H)	1 867 x 655 x 560 mm
Operating fluid amount	6.8 l
Connection flange (in)	DN 250 ISO-F / DN 250 PN 16
Connection flange (out)	DN 160 ISO-F / DN 150 PN 16

Order number

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Okta 6000, Roots pump, 400/690 V, 50 Hz 460 V, 60 Hz	PP W76 000
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