



**Okta 8000, Roots pump,
400/690 V, 50 Hz | 460 V,
60 Hz**



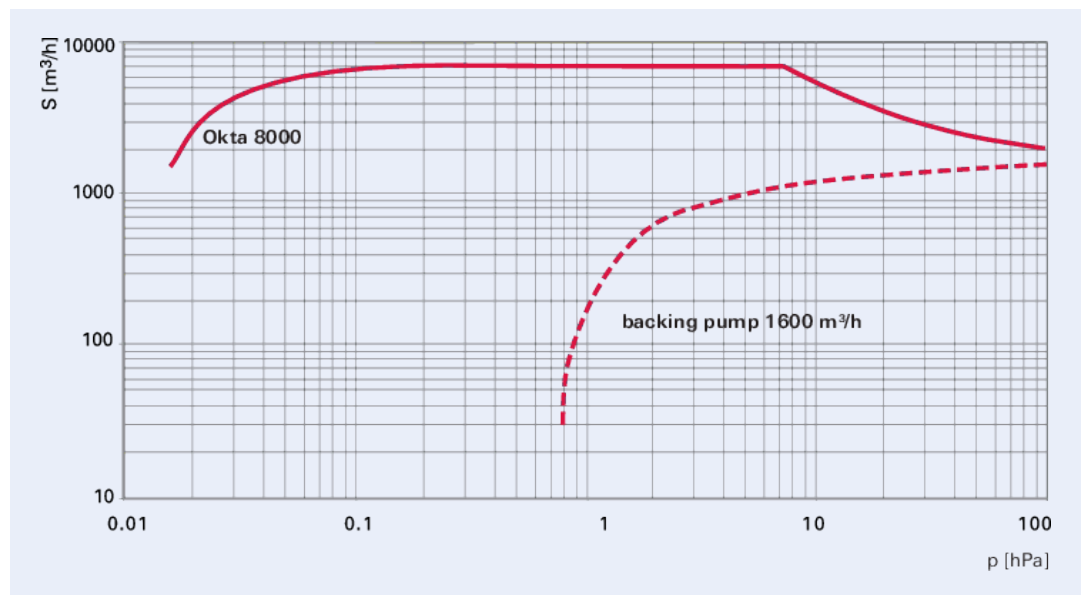
Okta 8000



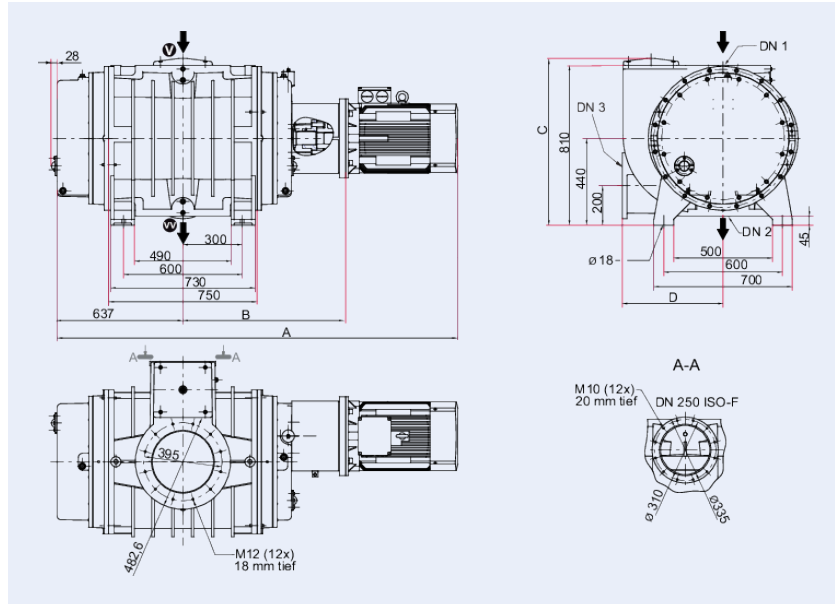
Okta 8000, Roots pump, 400/690 V, 50 Hz | 460 V, 60 Hz

- High-performance Roots pump with a pumping speed of 6700 to 12550 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

Characteristics



Dimensions



A	2,046 mm
B	791 mm
C	845 mm
D	510 mm

Technical Data	Okta 8000, Roots pump, 400/690 V, 50 Hz 460 V, 60 Hz
Operating fluid	P3
Cooling method	Air
Pumping speed category	8 000 m ³ /h
Nominal pumping speed	6 700 – 12 550 m ³ /h
Nominal pumping speed at 50 Hz	8,370 m ³ /h
Nominal pumping speed at 60 Hz	10,040 m ³ /h
Differential pressure	23 hPa
Motor for region	other
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	10,040 m ³ /h 5,909.544 cfm 167,336.68 l/min
Nominal pumping speed at 50 Hz	8,370 m ³ /h 4,926.582 cfm 139,502.79 l/min
Nominal rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Nominal rotation speed at 50 Hz	1,500 rpm 1,500 min ⁻¹
Weight: with motor	1,660 kg 3,659.7 lb
Motor protection	3TF
Nominal rotation speed at 60 Hz	1,800 rpm
Nominal rotation speed at 50 Hz	1,500 rpm
Rotation speed	1 200 – 2 250 rpm
Rated power 50 Hz	22 kW
Rated power 60 Hz	25 kW
Weight: with motor	1,660 kg
Dimensions (L x W x H)	2 076 x 860 x 845 mm
Operating fluid amount	21 l
Connection flange (in)	DN 320 ISO-F
Connection flange (out)	DN 320 ISO-F

Order number	Okta 8000, Roots pump, 400/690 V, 50 Hz 460 V, 60 Hz
Okta 8000, Roots pump, 400/690 V, 50 Hz 460 V, 60 Hz	PP W80 000

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Errors and/or changes excepted. - 11/1/2024

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