



**Okta 4000 M, roots  
pump, 400/690 V, 50 Hz |  
460 V, 60 Hz**



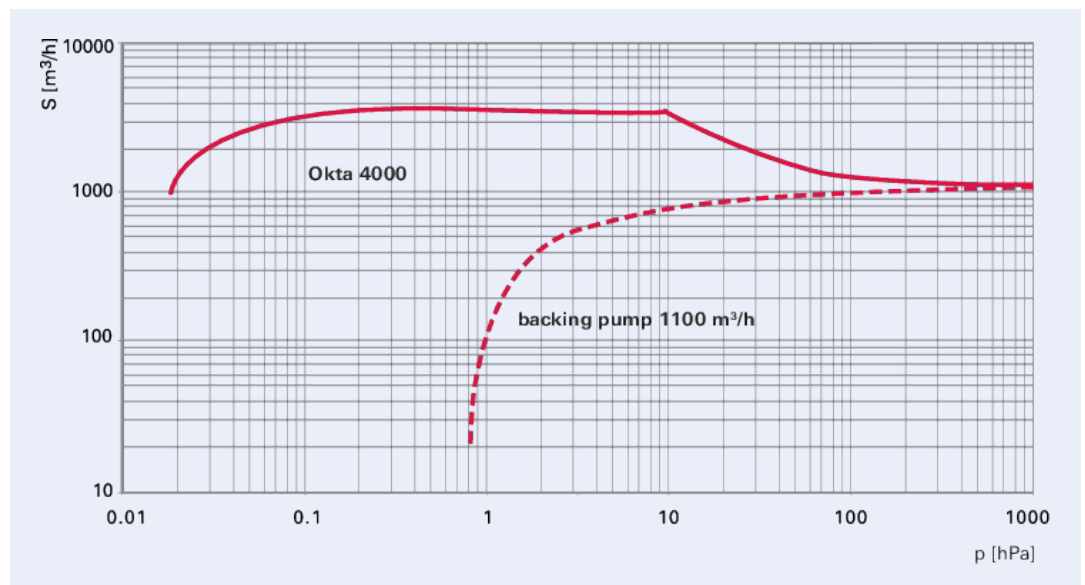
# Okta 4000 M



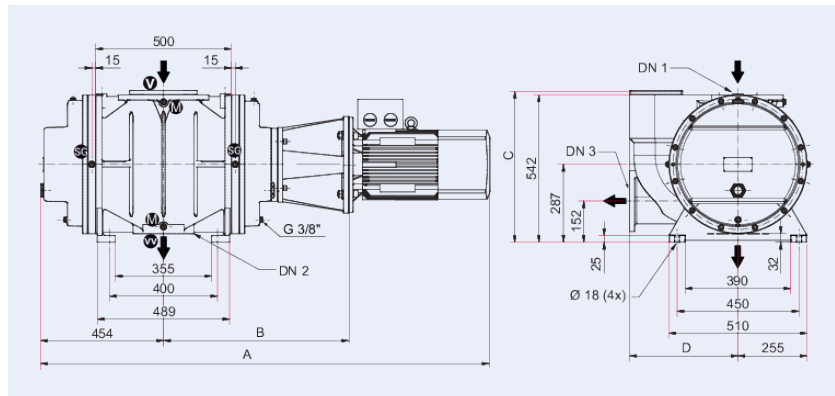
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- High-performance Roots pump with a pumping speed of 2160 to 6490 m<sup>3</sup>/h and magnetic coupling
- For mains voltage: 400/690 V, 50 Hz respectively 460 V, 60 Hz
- No thermal overload thanks to integrated overflow valve
- For applications in the low and medium vacuum
- With IE3 motor

## Characteristics



## Dimensions



A	1,651 mm
B	678 mm
C	560 mm
D	400 mm

## Technical Data

### Okta 4000 M, roots pump, 400/690 V, 50 Hz | 460 V, 60 Hz

Operating fluid	P3
Cooling method	Air
Pumping speed category	4 000 m <sup>3</sup> /h
Nominal pumping speed	2 160 – 6 490 m <sup>3</sup> /h
Nominal pumping speed at 50 Hz	4,325 m <sup>3</sup> /h
Nominal pumping speed at 60 Hz	5,190 m <sup>3</sup> /h
Differential pressure	25 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	5,190 m <sup>3</sup> /h   3,054.834 cfm   86,501.73 l/min
Nominal pumping speed at 50 Hz	4,325 m <sup>3</sup> /h   2,545.695 cfm   72,084.775 l/min
Nominal rotation speed at 60 Hz	3,600 rpm   3,600 min <sup>-1</sup>
Nominal rotation speed at 50 Hz	3,000 rpm   3,000 min <sup>-1</sup>
Weight: with motor	700 kg   1,543.2 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	11 kW
Rated power 60 Hz	13.2 kW
Weight: with motor	700 kg
Dimensions (L x W x H)	1 651 x 655 x 560 mm
Operating fluid amount	6.8 l
Motor seal	Hermetic sealing
Motor coupling	Magnet coupling
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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