

**Okta 18000, roots pump,
400/690 V, 50 Hz | 460 V,
60 Hz**



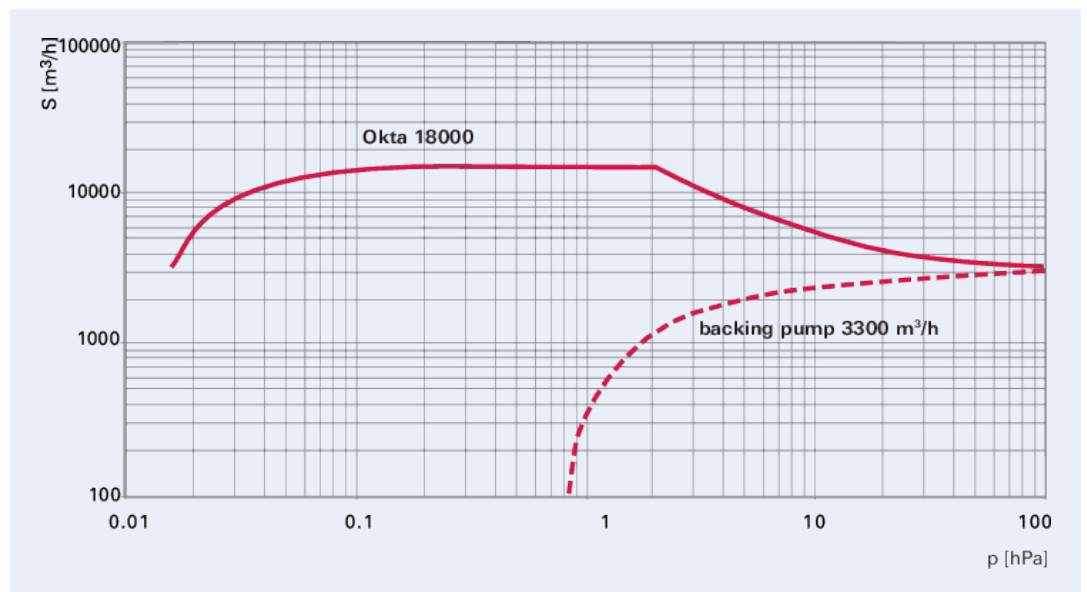
Okta 18000



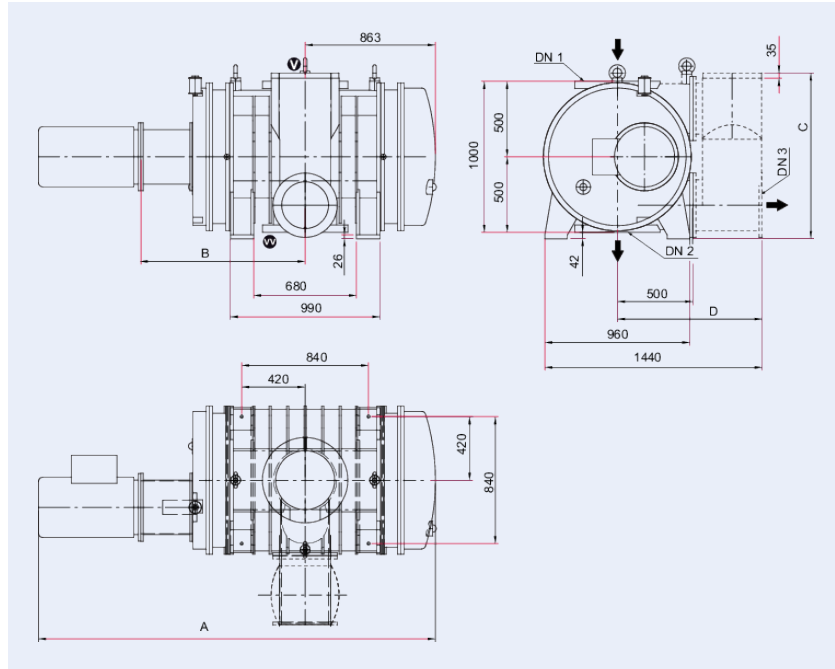
Okta 18000, roots pump, 400/690 V, 50 Hz | 460 V, 60 Hz

- High-performance roots pump with a pumping speed of 7310 to 27400 m³/h
- For mains voltage: 400 V, 50 Hz or 460 V, 60 Hz
- No thermal overload thanks to integrated overflow valve
- For applications in the low and medium vacuum

Characteristics



Dimensions



| | |
|---|----------|
| A | 2,789 mm |
| B | 1,090 mm |
| C | 1,099 mm |
| D | 960 mm |

| Technical Data | Okta 18000, roots pump, 400/690 V, 50 Hz 460 V, 60 Hz |
|---------------------------------|--|
| Operating fluid | P3 |
| Cooling method | Air |
| Pumping speed category | 18 000 m ³ /h |
| Nominal pumping speed | 7 310 – 27 400 m ³ /h |
| Nominal pumping speed at 50 Hz | 18,270 m ³ /h |
| Nominal pumping speed at 60 Hz | 21,925 m ³ /h |
| Differential pressure | 7 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 | 21,925 m ³ /h 12,905.055 cfm 365,423.975 l/min |
| Nominal pumping speed at 50 Hz | 18,270 m ³ /h 10,753.722 cfm 304,506.09 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 | 3,225 kg 7,109.9 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 | 45 kW |
| Rated power 60 Hz | 52 kW |
| Weight: with motor | 3,225 kg |
| Dimensions (L x W x H) | 2 789 x 1 463 x 1 099 mm |
| Operating fluid amount | 68 l |
| Connection flange (in) | DN 400 PN 10 |
| Connection flange (out) | DN 400 PN 10 |

| Order number | Okta 18000, roots pump, 400/690 V, 50 Hz 460 V, 60 Hz |
|---|--|
| Okta 18000, roots pump, 400/690 V, 50 Hz 460 V, 60 Hz | PP W90 000 |

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

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