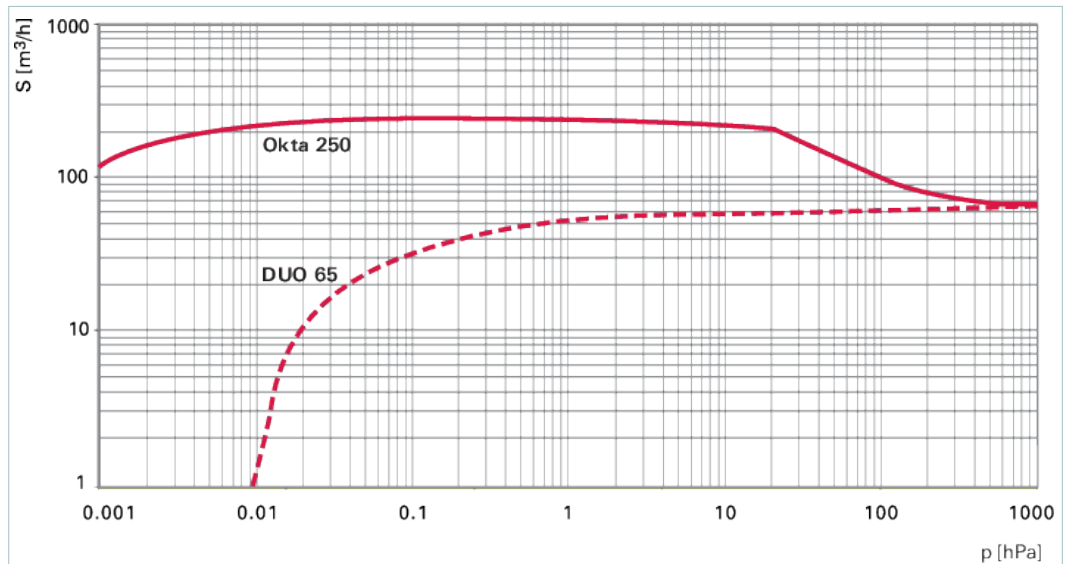




Okta 250 M, roots vacuum pump, 400–480 V

Okta 250 M, roots vacuum pump, 400–480 V

- High-performance roots vacuum pump with a pumping speed of 145 to 440 m³/h and magnetic coupling
- With 3-phase motor, IE3, and flanged-on frequency inverter
- For applications in the low and medium vacuum range



Technical Data	Okta 250 M, roots vacuum pump, 400–480 V
Ambient temperature	5-40 °C 41-104 °F 278-313 K
Cooling method, standard	Air
Dimensions (L x W x H)	954 x 333 x 377 mm 37.56 x 13.11 x 14.84 inch
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 63 ISO-F
Flange (out)	DN 63 ISO-F
Leak rate	1 · 10 ⁻⁶ Pa m ³ /s 7.5 · 10 ⁻⁶ Torr l/s 1 · 10 ⁻⁵ mbar l/s
Mains requirement: voltage 50 Hz	400 – 480 V
Mains requirement: voltage 60 Hz	400 – 480 V
Motor protection	3TF
Nominal pumping speed	145-440 m ³ /h 85.35-258.98 cfm 2,416.67-7,333.33 l/min
Nominal pumping speed at 50 Hz	290 m ³ /h 170.69 cfm 4,833.33 l/min
Nominal pumping speed at 60 Hz	350 m ³ /h 206.01 cfm 5,833.33 l/min
Nominal pumping speed max.	440 m ³ /h 258.98 cfm 7,333.33 l/min
Nominal pumping speed min.	145 m ³ /h 85.35 cfm 2,416.67 l/min
Nominal rotation speed at 50 Hz	3,000 rpm 3,000 min ⁻¹
Nominal rotation speed at 60 Hz	3,600 rpm 3,600 min ⁻¹
Operating fluid	P3
Operating fluid filling	1.5 l
Protection category	IP55
Rated power 50 Hz	3 kW
Rated power 60 Hz	3 kW
Rotation speed	1,500-4,500 rpm 1,500-4,500 min ⁻¹

Technical Data		Okta 250 M, roots vacuum pump, 400–480 V
Version	Standard with compact drive and magnetic clutch	
Voltage: Range	± 10 %	
Weight: with motor	140 kg 308.64 lb	

Order number	
Okta 250 M	PP W22 910

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