



Hena 100

Single-stage, oil-sealed rotary vane pump with a pumping speed up to 120 m³/h

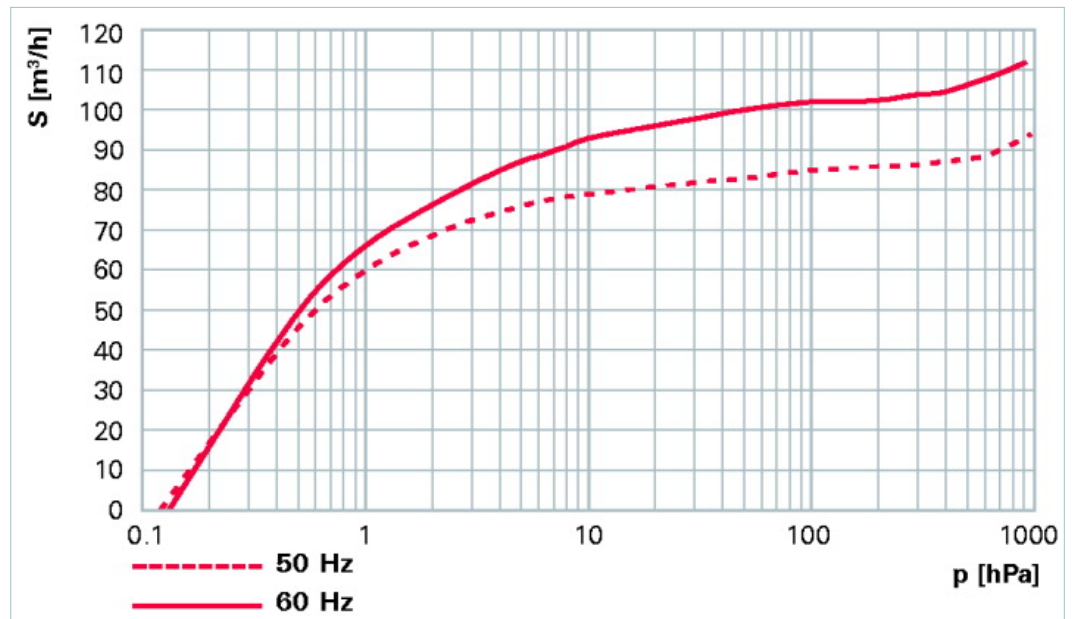




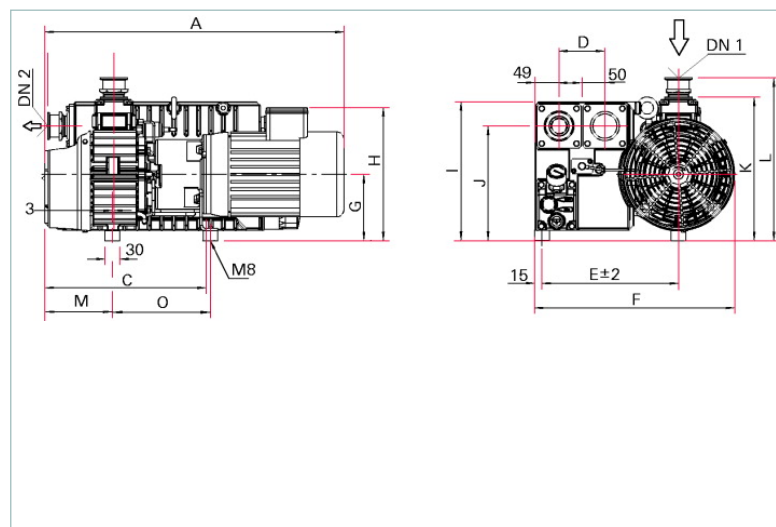
Similar Image

Hena 100, 3-phase motor, 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz

- Powerful rotary vane pump with a pumping speed up to 120 m³/h
- 3-phase motor for 190-208/380-415 V, 50 Hz or 220-230/440-460 V, 60 Hz supply voltages
- Integrated gas ballast and high vacuum safety valve
- For all low and medium vacuum applications



Dimensions



Technical Data	Hena 100, 3-phase motor, 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz
Cooling method, standard	Air
Emission sound pressure level without gas ballast at 50 Hz	<= 65 dB (A)
Emission sound pressure level without gas ballast at 60 Hz	<= 68 dB (A)
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Exhaust pressure, min.	1,000 hPa 750 Torr 1,000 mbar
Flange (in)	DN 40 ISO-KF, female thread G 5/4" pump housing
Flange (out)	DN 40 ISO-KF, female thread G 5/4" pump housing
Mains requirement: voltage 50 Hz	190-208/380-415 V
Mains requirement: voltage 60 Hz	220-230/440-460 V
Motor protection	3TF
Operating fluid	P3
Operating fluid filling	2 l
Protection category	IP 55
Pumping speed at 50 Hz	100 m ³ /h
Pumping speed at 60 Hz	120 m ³ /h
Rated power 50 Hz	2.7 kW
Rated power 60 Hz	3.4 kW
Rotation speed at 50 Hz	1500 min ⁻¹
Rotation speed at 60 Hz	1800 min ⁻¹
Ultimate pressure with gas ballast	1.5 hPa 1.12 Torr 1.5 mbar
Ultimate pressure without gas ballast	0.3 hPa 0.23 Torr 0.3 mbar
Weight	77 kg 169.75 lb

Ultimate pressure according to PNEUROP

Order number	
Hena 100	PK D02 350

Accessories	
Accessories	
FAK 040, activated carbon filter	PK Z30 008
KAS 40, condensate separator for pumping speeds up to 100 m ³ /h	PK Z10 008
Accessories HenaLine	
SAS 40, DN 40 ISO-KF, polyester filter	PK Z60 510
Accessories UnoLine Plus	
PTC-resistor tripping device	P 4768 051 FQ
Consumables	
P3, mineral oil, 1 l	PK 001 106 -T
P3, mineral oil, 5 l	PK 001 107 -T
P3, mineral oil, 20 l	PK 001 108 -T

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