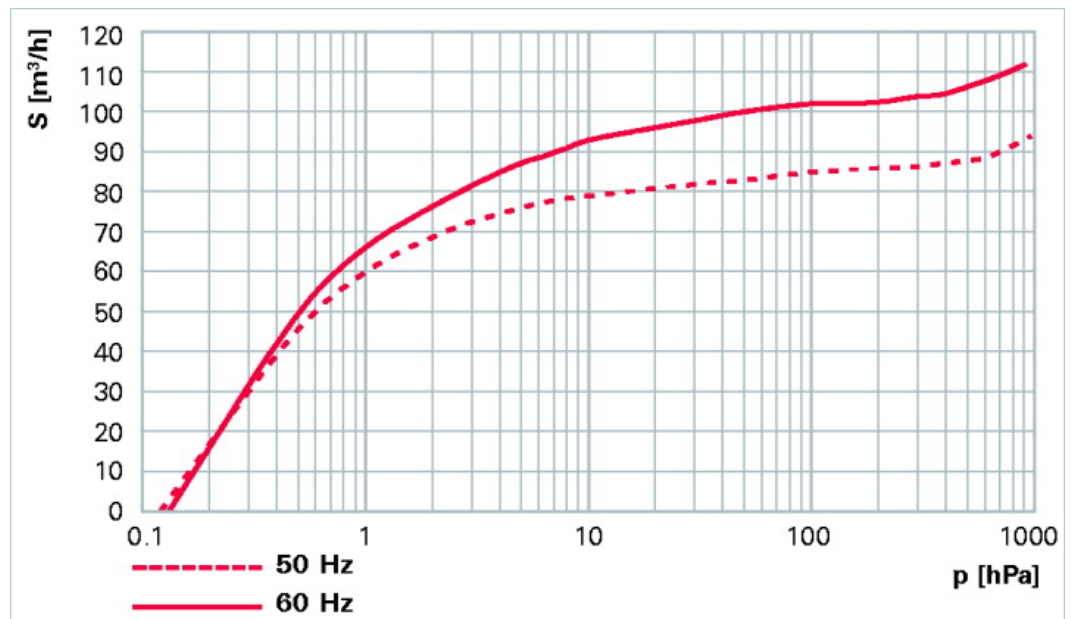


Hena 101

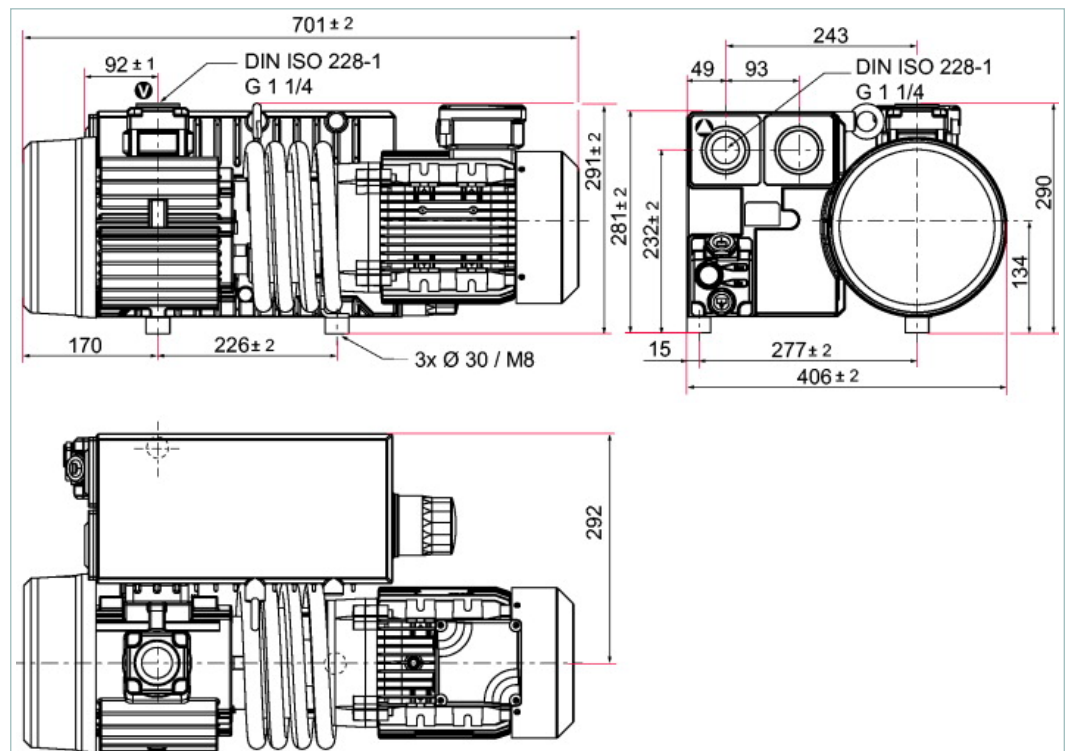


Hena 101, 3-phase motor, 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz

- 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 safety valve
- For all low and medium vacuum applications
- Gas ballast permanently open, ball valve available as accessory



Dimensions



Technical Data		Hena 101, 3-phase motor, 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz
Ambient temperature		12-40 °C 53.6-104 °F 285-313 K
Cooling method, standard		Air
Dimensions (L x W x H)		703 x 408 x 293 mm ³ /
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.		Atmospheric pressure
Exhaust pressure, min.		Atmospheric pressure
Flange (in)		Female thread G 1 ¼"
Flange (out)		Female thread G 1 ¼"
Gas ballast		Yes, without shut-off valve
Leak rate safety valve		≤ 8 · 10 ⁻³ Pa m ³ /s ≤ 6 · 10 ⁻² Torr l/s ≤ 8 · 10 ⁻² mbar l/s
Mains requirement: voltage (range)		±5 %
Mains requirement: voltage 50 Hz		190-208/380-415 V
Mains requirement: voltage 60 Hz		220-230/440-460 V
Operating fluid		P3
Operating fluid filling		2 l
Protection category		IP55
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 101	PK D03 350

Accessories	
Accessories	
FAK 040, activated carbon filter	PK Z30 008
KAS 40, condensate separator for pumping speeds up to 120 m ³ /h	PK Z10 008
Accessories HenaLine	
Flange DN 40 ISO-K - G 1 ¼"	PK 300 525
P3, mineral oil, 1 l	PK 001 106 -T
P3, mineral oil, 20 l	PK 001 108 -T
P3, mineral oil, 5 l	PK 001 107 -T
Pressure gauge for monitoring the operating fluid separator G 3/4"	PK 100 126
SAS 40, dust separator, DN 40 ISO-KF, polyester filter	PK Z60 510

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