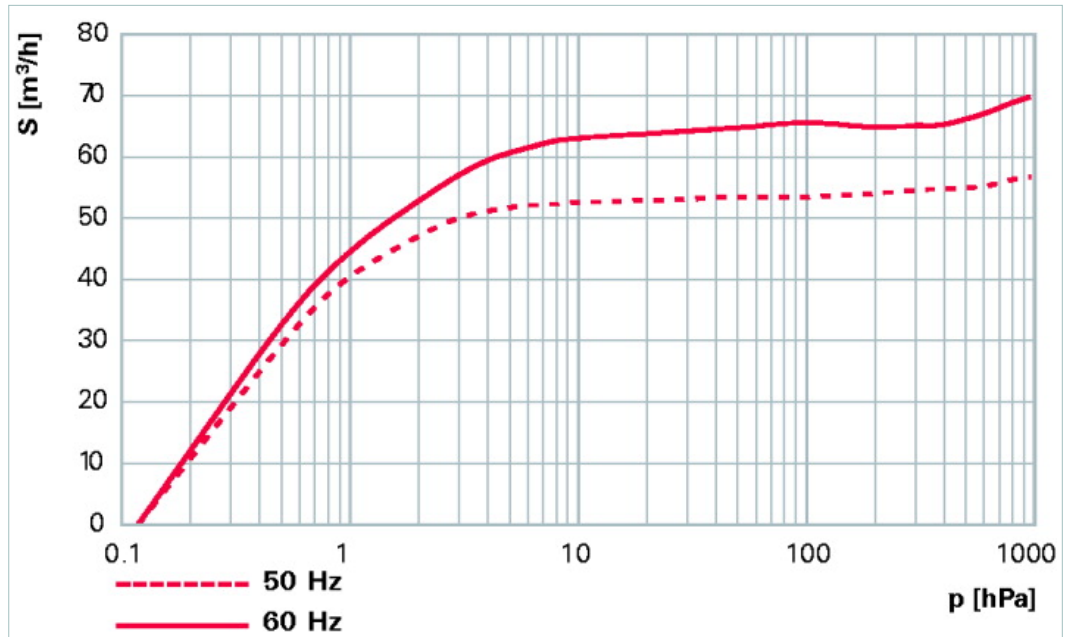


# Hena 61

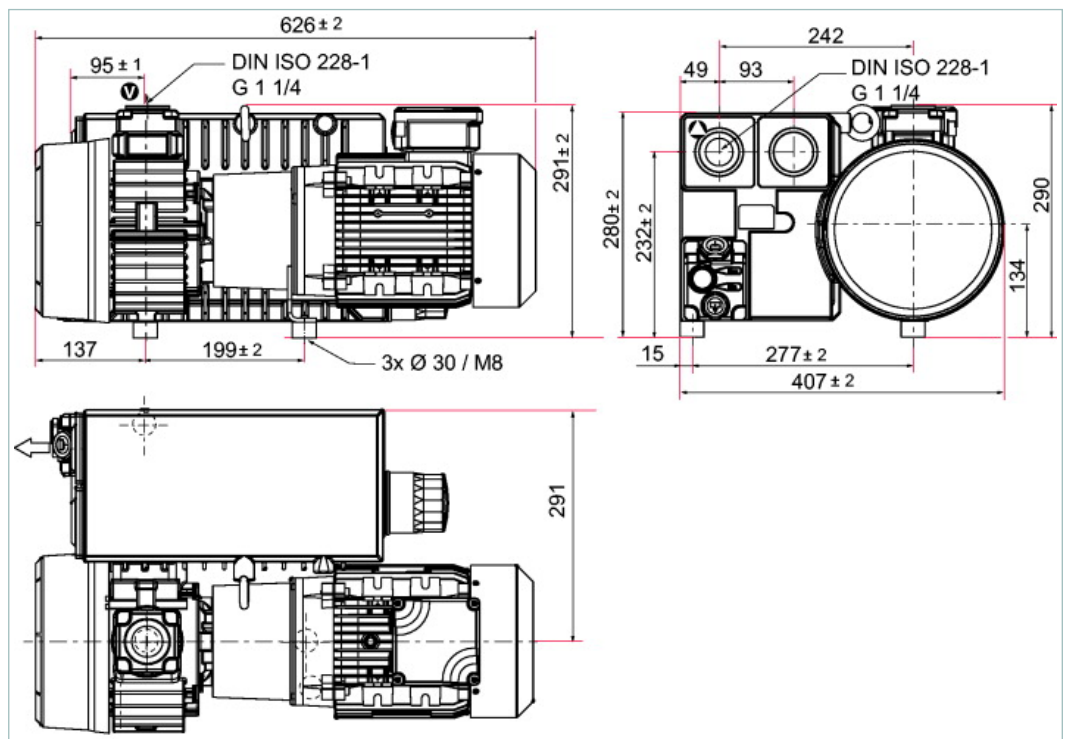


## Hena 61, 3-phase motor, 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz

- Powerful rotary vane pump with a pumping speed up to 120 m<sup>3</sup>/h
- 3-phase motor for 190-208/380-415 V, 50 Hz; 220-230/440-460 V, 60 Hz
- Integrated safety valve
- For all low and medium vacuum applications
- Gas ballast permanently open, ball valve available as accessory



### Dimensions



Technical Data		Hena 61, 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)		628 x 409 x 293 mm <sup>3</sup> /
Emission sound pressure level without gas ballast at 50 Hz		≤64 dB (A)
Emission sound pressure level without gas ballast at 60 Hz		≤66 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 <sup>-3</sup> Pa m <sup>3</sup> /s   ≤ 6 · 10 <sup>-2</sup> Torr l/s   ≤ 8 · 10 <sup>-2</sup> 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		63 m <sup>3</sup> /h
Pumping speed at 60 Hz		76 m <sup>3</sup> /h
Rated power 50 Hz		2 kW
Rated power 60 Hz		2.4 kW
Rotation speed at 50 Hz		1500 min <sup>-1</sup>
Rotation speed at 60 Hz		1800 min <sup>-1</sup>
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		68 kg   149.91 lb

Ultimate pressure according to PNEUROP

Order number	
Hena 61	PK D03 300

Accessories	
<b>Accessories</b>	
FAK 040, activated carbon filter	PK Z30 008
KAS 40, condensate separator for pumping speeds up to 120 m <sup>3</sup> /h	PK Z10 008
<b>Accessories HenaLine</b>	
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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