

EP-VAC 5

Vacuum - Rotary Vane Pump



- **Dual-stage, high-performance rotary vane pump with a pumping speed of 5 m³/h**
- **Single-phase motor for 200-240 V (± 5 %) 50 Hz to 208-240 V (± 5 %) 60 Hz supply voltage**
- **Integrated gas ballast and HV safety valve**
- **For all low and medium vacuum applications**
- **Corrosive gas version, magnetically coupled**
- **Special feature: Various motor voltages for worldwide employment**



Specifications

Emission sound pressure level without gas ballast:	≤ 57 dB (A)
Flange (in):	DN 16 ISO-KF
Flange (out):	DN 16 ISO-KF
Leakage rate safety valve:	≤ 1·10 ⁻⁴ mbar l/s
Mains requirement voltage (range):	200-240 V (± 5 %) 50 Hz ; 208 - 240 V (± 5 %) 60 Hz
Operating fluid:	F 4
Pump fluid filling:	0.75 l
Pumping speed at 50 Hz:	5 m ³ /h
Pumping speed at 60 Hz:	6 m ³ /h
Rated power 50 Hz:	0.37 kW
Rated power 60 Hz:	0.37 kW
Rotation speed at 50 Hz:	1500 1/rpm
Rotation speed at 60 Hz:	1800 1/rpm
Switch:	Yes, with 2 m mains cable and safety plug
Ultimate pressure with gas ballast:	≤ 2·10 ⁻² mbar
Ultimate pressure without gas ballast:	≤ 5·10 ⁻³ mbar
Water vapor capacity 50 Hz:	90 g/h
Water vapor capacity 60 Hz:	120 g/h
Water vapor tolerance at 50 Hz:	25 mbar
Water vapor tolerance at 60 Hz:	28 mbar
Weight:	22 kg

Optional accessories

(not included)

Oil mist filter EP-VAC Filter 16

Capacity:	0.15 l
Degree of separation:	99.98 %
Flange (in):	DN 16 ISO-KF
Flange (out):	DN 16 ISO-KF
For pumping speed:	2.5-5 m ³ /h
Weight:	1.35 kg

