

# EP-VAC 3

## Vacuum - Rotary Vane Pump



- **Dual-stage, high-performance rotary vane pump with a pumping speed of 2.5 m<sup>3</sup>/h ( 2,9 m<sup>3</sup>/h at 60 Hz)**
- **Single-phase motor for 220-240 V (± 5 %) 50 Hz/60 Hz supply voltage**
- **Integrated gas ballast and safety valve**
- **For all low and medium vacuum applications**



## Specifications

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<b>Emission sound pressure level without gas ballast:</b>	≤ 53 dB (A)
<b>Flange (in):</b>	DN 16 ISO-KF
<b>Flange (out):</b>	DN 16 ISO-KF
<b>Leakage rate safety valve:</b>	1·10 <sup>-4</sup> mbar l/s
<b>Mains requirement voltage (range):</b>	220-240 V (± 5 %) 50 Hz/60 Hz
<b>Operating fluid:</b>	P 3
<b>Pump fluid filling 0.4 l</b>	
<b>Pumping speed at 50 Hz:</b>	2.5 m <sup>3</sup> /h
<b>Pumping speed at 60 Hz:</b>	2.9 m <sup>3</sup> /h
<b>Rated power 50 Hz:</b>	0.15 kW
<b>Rated power 60 Hz:</b>	0.18 kW
<b>Rotation speed at 50 Hz:</b>	3000 1/rpm
<b>Rotation speed at 60 Hz:</b>	3600 1/rpm
<b>Switch:</b>	Yes, with 2 m mains cable and safety plug
<b>Ultimate pressure with gas ballast:</b>	≤ 6·10 <sup>-3</sup> mbar
<b>Ultimate pressure without gas ballast:</b>	≤ 6·10 <sup>-3</sup> mbar
<b>Water vapor capacity 50 Hz:</b>	2,5 m <sup>3</sup> /h
<b>Water vapor capacity 60 Hz:</b>	2,9 m <sup>3</sup> /h
<b>Weight:</b>	10.5 kg
<b>Protection class:</b>	IP 55
<b>Operating temperature:</b>	Temperature 80 °C
<b>Ambient temperature:</b>	12-40 °C

## Optional accessories

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(not included)

### Oil mist filter EP-VAC Filter 16

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

