



**Uno 6 M, 1-phase  
motor, 115/230 V, 50/60  
Hz**



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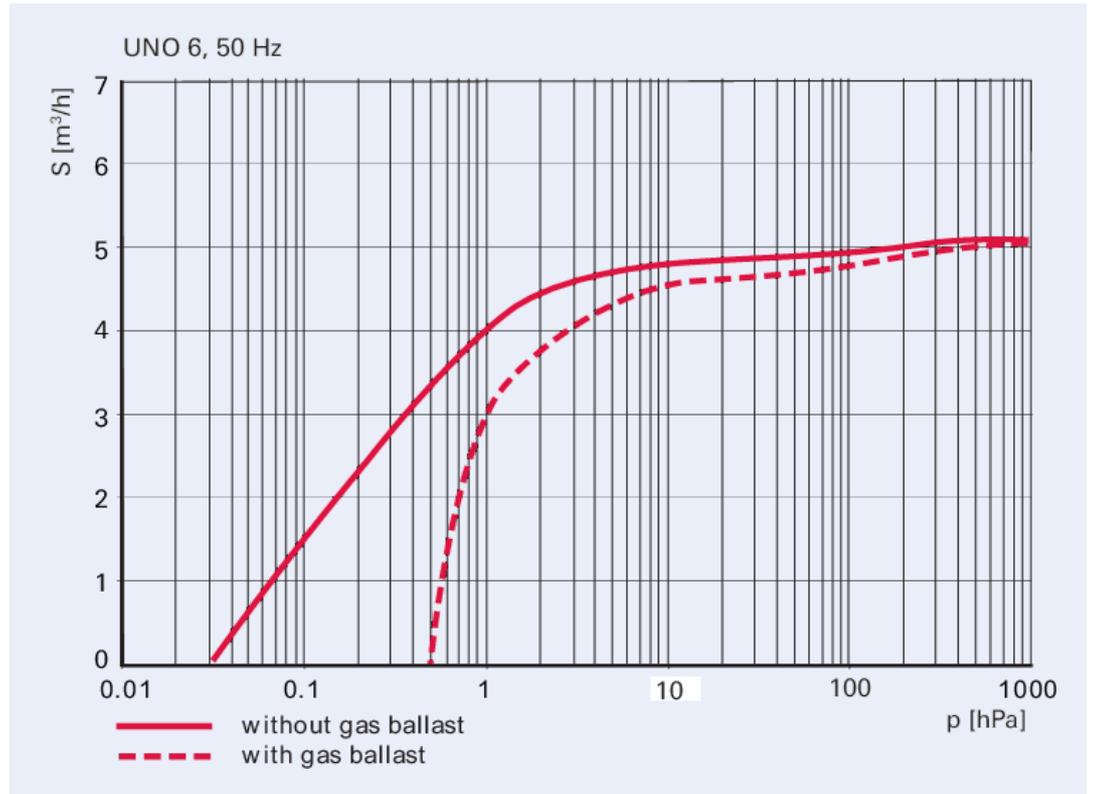


Illustration only

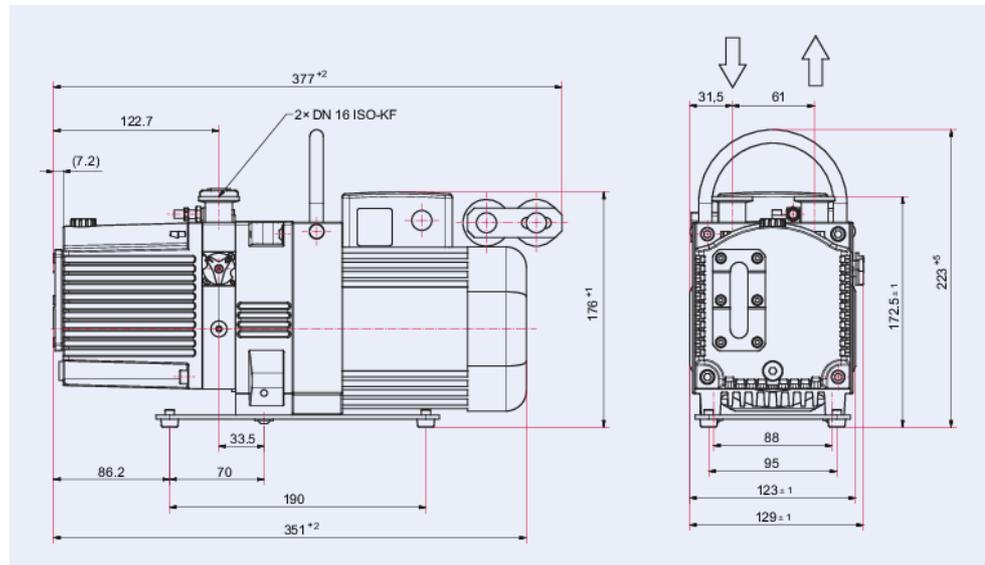
## **Uno 6 M, 1-phase motor, 115/230 V, 50/60 Hz**

- Single-stage, high-performance rotary vane pump with a pumping speed of 4.8 m<sup>3</sup>/h at 50 Hz / 5.8 m<sup>3</sup>/h at 60 Hz
- Magnetically coupled
- With 1-phase motor with C14 connector plug inside the terminal box
- Integrated gas ballast and safety valve
- OME oil return device is included with the pump
- Special feature: Various motor voltages for worldwide employment
- Other motor voltages available on request

## Characteristics



## Dimensions



<b>Technical Data</b>	<b>Uno 6 M, 1-phase motor, 115/230 V, 50/60 Hz</b>
Pumping speed at 50 Hz	4.8 m <sup>3</sup> /h   2.82528 cfm   80.0016 l/min
Pumping speed at 60 Hz	5.8 m <sup>3</sup> /h   3.41 cfm   96.67 l/min
Protection degree	IP40
Ultimate pressure with gas ballast	5 · 10 <sup>-1</sup> hPa   3.75 · 10 <sup>-1</sup> Torr   5 · 10 <sup>-1</sup> mbar
Ultimate pressure	3 · 10 <sup>-2</sup> hPa   2.25 · 10 <sup>-2</sup> Torr   3 · 10 <sup>-2</sup> mbar
Connection flange (in)	DN 16 ISO-KF
Connection flange (out)	DN 16 ISO-KF
Recommended on-site electric fuse protection	6 / 4 A
Motor type	1-phase motor
Motor protection	Bimetal
Switch included	Yes
Mains cable included	No
Cooling method	Air (Forced convection)
Ambient temperature	12 – 40 °C
Exhaust pressure, min.	250 hPa   188 Torr   250 mbar
Exhaust pressure, max.	1,500 hPa   1,125 Torr   1,500 mbar
Emission sound pressure level without gas ballast at 50 Hz	≤56 dB(A)
Gas ballast	Yes
Operating fluid	P3
Operating fluid amount	0.4 l
Rotation speed at 50 Hz	3,000 rpm   3,000 min <sup>-1</sup>
Rotation speed at 60 Hz	3,600 rpm   3,600 min <sup>-1</sup>
Leakage rate safety valve	≤1 · 10 <sup>-5</sup> Pa m <sup>3</sup> /s   ≤7.5 · 10 <sup>-5</sup> Torr l/s   ≤1 · 10 <sup>-4</sup> mbar l/s
Dimensions (L x W x H)	379 x 130 x 177 mm
Weight approx.	12.7 kg   28 lb

<b>Order number</b>	<b>Uno 6 M, 1-phase motor, 115/230 V, 50/60 Hz</b>
Uno 6 M, 1-phase motor, 115/230 V, 50/60 Hz	PK D07 111



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