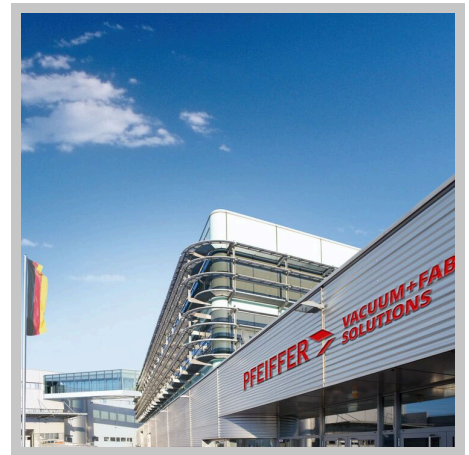




**Uno 6, 1-phase motor,
100 V, 50 Hz | 95 – 105 V,
60 Hz**



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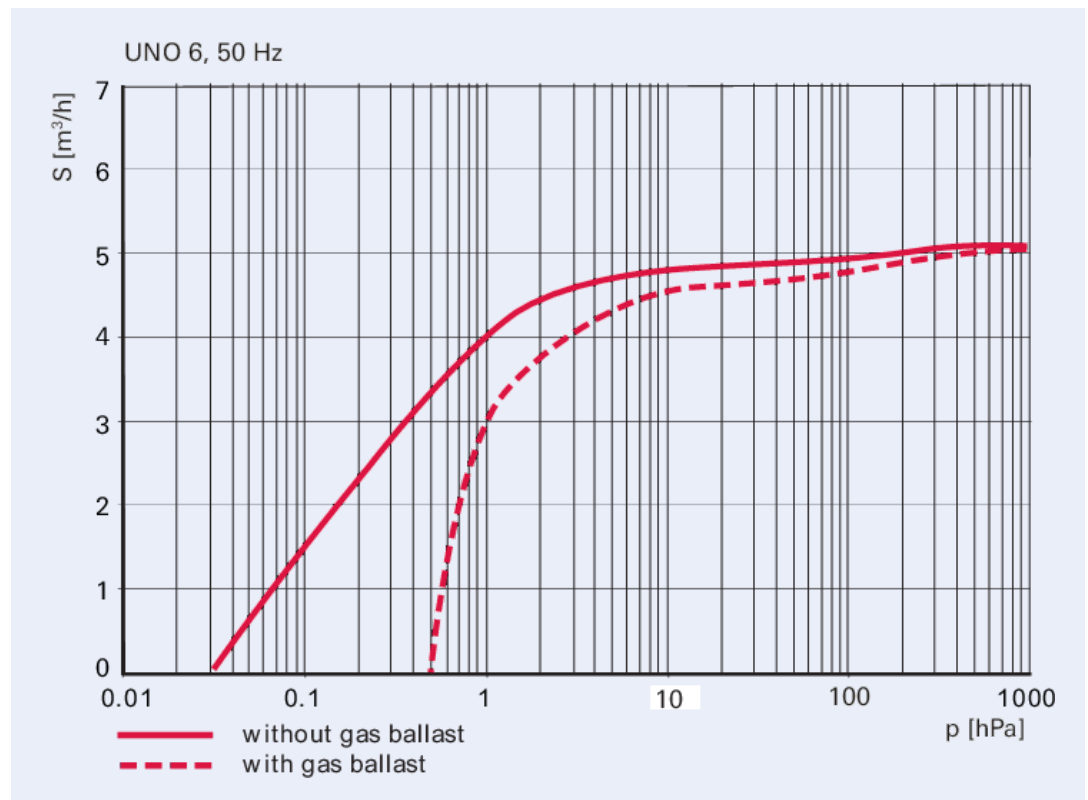


Illustration only

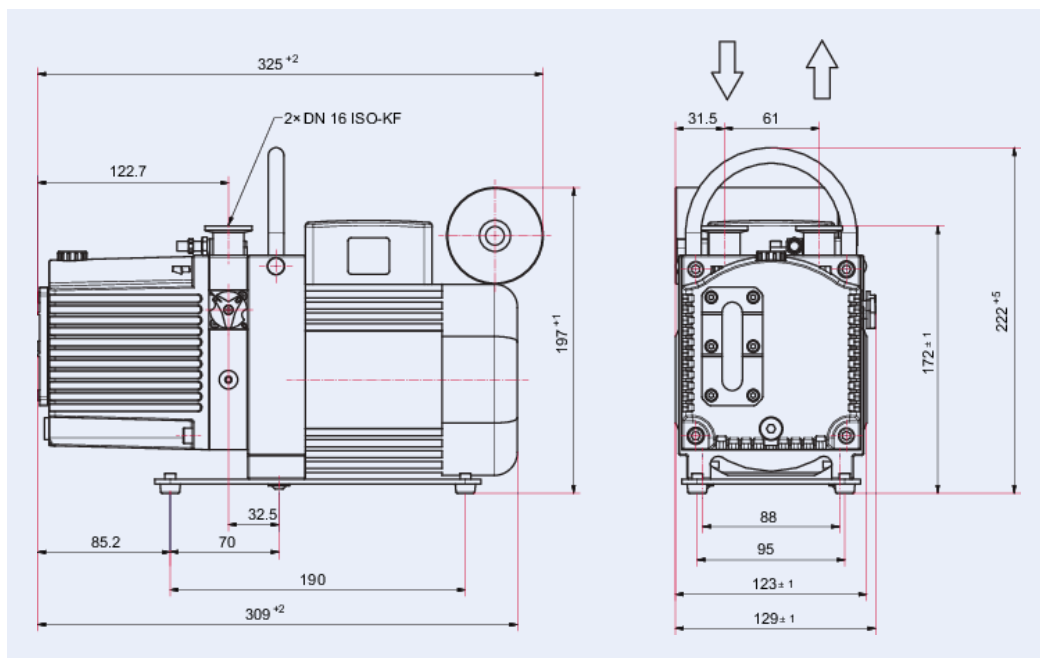
Uno 6, 1-phase motor, 100 V, 50 Hz | 95 – 105 V, 60 Hz

- Single-stage, high-performance rotary vane pump with a pumping speed of 4.8 m³/h at 50 Hz / 5.8 m³/h at 60 Hz
- 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
- For all low and medium vacuum applications
- Other motor voltages available on request
- The most compact pumps in this pumping speed class

Characteristics



Dimensions



Uno 6

Technical Data	Uno 6, 1-phase motor, 100 V, 50 Hz 95 – 105 V, 60 Hz
Pumping speed at 50 Hz	4.8 m ³ /h 2.82528 cfm 80.0016 l/min
Pumping speed at 60 Hz	5.8 m ³ /h 3.41 cfm 96.67 l/min
Protection degree	IP40
Ultimate pressure with gas ballast	5 · 10 ⁻¹ hPa 3.75 · 10 ⁻¹ Torr 5 · 10 ⁻¹ mbar
Ultimate pressure	3 · 10 ⁻² hPa 2.25 · 10 ⁻² Torr 3 · 10 ⁻² mbar
Connection flange (in)	DN 16 ISO-KF
Connection flange (out)	DN 16 ISO-KF
Input voltage(s)	100 V AC, 50 Hz 95 – 105 V AC (±10 %), 60 Hz
Recommended on-site electric fuse protection	10 A
Motor type	1-phase motor
Motor protection	Bimetal
Switch included	Yes
Mains cable	No, C14-plug inside the terminal box
Mains cable included	No
Cooling method	Air (Forced convection)
Ambient temperature	12 – 40 °C
Exhaust pressure, min.	Atmospheric pressure
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 ⁻¹
Rotation speed at 60 Hz	3,600 rpm 3,600 min ⁻¹
Leakage rate safety valve	≤1 · 10 ⁻⁵ Pa m ³ /s ≤7.5 · 10 ⁻⁵ Torr l/s ≤1 · 10 ⁻⁴ mbar l/s
Dimensions (L x W x H)	327 x 130 x 198 mm

Order number	Uno 6, 1-phase motor, 100 V, 50 Hz 95 – 105 V, 60 Hz
Uno 6, 1-phase motor, 100 V, 50 Hz 95 – 105 V, 60 Hz	PK D07 708



Errors and/or changes excepted. - 9/30/2025

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