

PFEIFFER

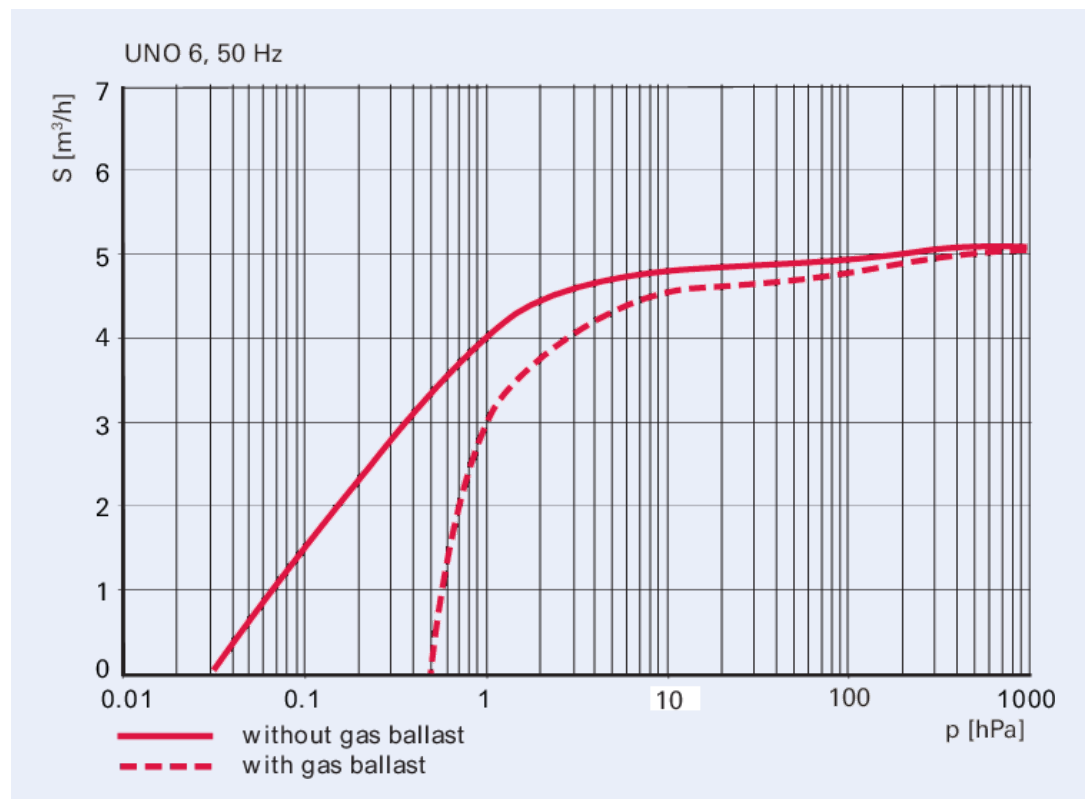


Illustration only

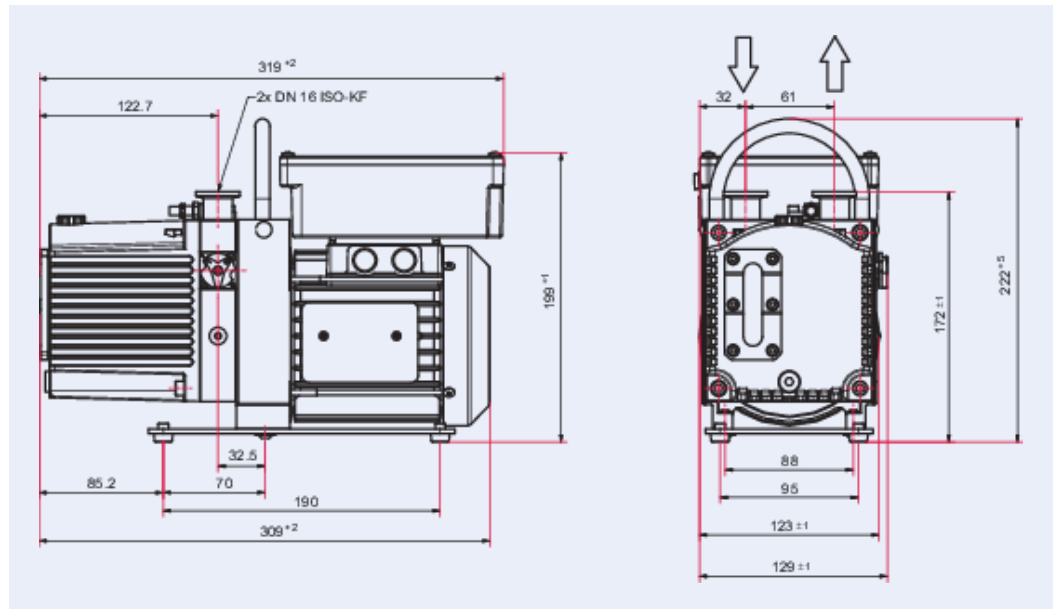
Uno 6, 1-phase motor, 230 V, 50/60 Hz, DN 16

- 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 IE 2, with C14 plug inside 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, 230 V, 50/60 Hz, DN 16
Gas ballast	Yes
Operating fluid	P3
Cooling method	Air (Forced convection)
Motor type	1-phase motor
Vacuum range min	$5 \cdot 10^{-1}$ hPa
Vacuum range max	$3 \cdot 10^{-2}$ hPa
Recommended on-site electric fuse protection	4 A
Ambient temperature	12 – 40 °C
Temperature: Storage, max	55 °C
Temperature: Storage, min	-25 °C
Certification	CE cTUVus certified according to UL / CSA 61010-1
Input voltage(s)	230 V AC (± 10 %), 50/60 Hz
Ultimate pressure with gas ballast	$5 \cdot 10^{-1}$ hPa $3.75 \cdot 10^{-1}$ Torr $5 \cdot 10^{-1}$ mbar
Leakage rate safety valve	$1 \cdot 10^{-5}$ Pa m ³ /s $7.5 \cdot 10^{-5}$ Torr l/s $1 \cdot 10^{-4}$ mbar l/s
Continuous gas input temperature, max.	40 °C 104 °F 313.2 K
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Rotation speed at 60 Hz	3,600 rpm 3,600 min ⁻¹
Rotation speed at 50 Hz	3,000 rpm 3,000 min ⁻¹
Pumping speed at 60 Hz	5.8 m ³ /h 3.41 cfm 96.67 l/min
Pumping speed at 50 Hz	4.8 m ³ /h 2.82528 cfm 80.0016 l/min
Switch	Yes
Exhaust pressure, max.	1,500 hPa
Motor protection	Bimetal
Mains cable	No, C14-plug inside the terminal box
Rated power 50 Hz	0.15 kW
Rated power 60 Hz	0.18 kW
Final pressure with gas ballast	$5 \cdot 10^{-1}$ hPa
Dimensions (L x W x H)	319 x 130 x 199 mm
Number of pumping stages	Single stage
Rotation speed at 60 Hz	3,600 rpm
Rotation speed at 50 Hz	3,000 rpm
Operating fluid amount	0.4 l
Exhaust pressure, min.	Atmospheric pressure
Weight	10.5 kg
Pumping speed at 60 Hz	5.8 m ³ /h

Uno 6

Pumping speed at 50 Hz	4.8 m ³ /h
Connection flange (in)	DN 16 ISO-KF
Connection flange (out)	DN 16 ISO-KF

Order number	Uno 6, 1-phase motor, 230 V, 50/60 Hz, DN 16
Uno 6, 1-phase motor, 230 V, 50/60 Hz, DN 16	PK D070 010 A0 A



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

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