



**DuoVane 36, 3-phase
motor, 3TF, 200/400 V,
50 Hz | 200/400 V, 60 Hz**

PFEIFFER ➤

DuoVane 36

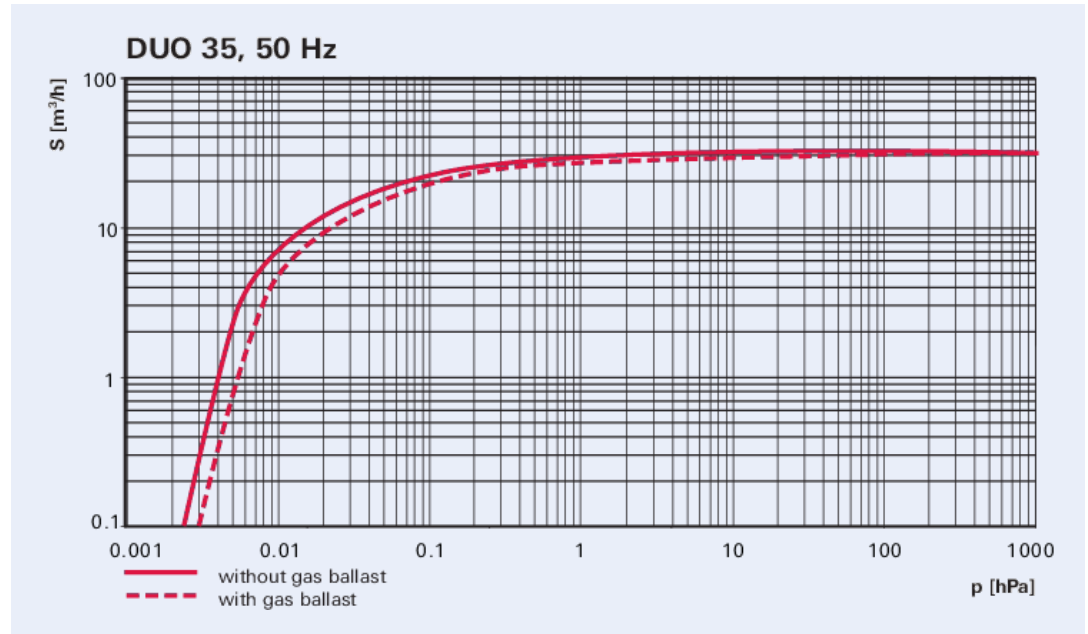


Illustration only

DuoVane 36, 3-phase motor, 3TF, 200/400 V, 50 Hz | 200/400 V, 60 Hz

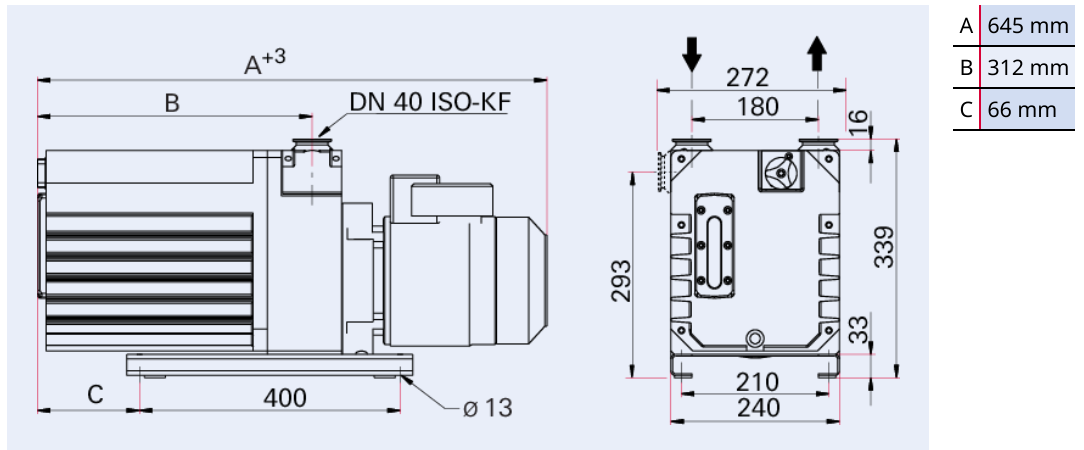
- Dual-stage, high-performance rotary vane pump with a pumping speed up to 36 m³/h
- With 3-phase motor
- With temperature sensor (3TF) for optimum motor protection
- Integrated gas ballast and HV safety valve
- For all low and medium vacuum applications
- Special feature: Various motor voltages for worldwide employment
- Other motor voltages available on request

Characteristics



DuoVane 36

Dimensions



DuoVane 36

Technical Data	DuoVane 36, 3-phase motor, 3TF, 200/400 V, 50 Hz 200/400 V, 60 Hz
Sealing gas	No
Gas ballast	Yes
Operating fluid	P3
Cooling method	Air (Forced convection)
Motor type	3-phase motor
Pumping speed category	35 m ³ /h
Motor for region	Asia Europe
Ambient temperature	12 – 40 °C
Operating temperature	≤ 80 °C
Temperature: Storage, max	55 °C
Temperature: Storage, min	-25 °C
Input voltage(s)	200 / 400 V AC, 50 Hz 200 / 400 V AC (±5 %), 60 Hz
Ultimate pressure with gas ballast	3 · 10 ⁻³ hPa 2.25 · 10 ⁻³ Torr 3 · 10 ⁻³ mbar
Leakage rate safety valve	1 · 10 ⁻⁵ Pa m ³ /s 7.5 · 10 ⁻⁵ Torr l/s 1 · 10 ⁻⁴ mbar l/s
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Rotation speed at 50 Hz	1,500 rpm 1,500 min ⁻¹
Pumping speed at 60 Hz	36 m ³ /h 21.19 cfm 600.01 l/min
Pumping speed at 50 Hz	32 m ³ /h 18.8352 cfm 533.344 l/min
Switch	No
Exhaust pressure, max.	1,500 hPa
Motor protection	3TF
Mains cable	No
Rated power 50 Hz	1.1 kW
Rated power 60 Hz	1.3 kW
Final pressure with gas ballast	3 · 10 ⁻³ hPa
Dimensions (L x W x H)	645 x 240 x 340 mm
Number of pumping stages	Two stage
Rotation speed at 60 Hz	1,800 rpm
Rotation speed at 50 Hz	1,500 rpm
Operating fluid amount	3.2 l
Exhaust pressure, min.	Atmospheric pressure
Weight	68 kg
Pumping speed at 60 Hz	36 m ³ /h

DuoVane 36

Connection flange (in)	DN 40 ISO-KF
Connection flange (out)	DN 40 ISO-KF

Order number	DuoVane 36, 3-phase motor, 3TF, 200/400 V, 50 Hz 200/400 V, 60 Hz
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Errors and/or changes excepted. - 9/30/2025

Are you looking for an optimum vacuum solution?

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Pfeiffer Vacuum GmbH
Germany
T +49 6441 802-0**

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