



**DuoVane 135, 3-phase
motor, 3TF, 230/400 V,
50 Hz | 265/460 V, 60 Hz**

PFEIFFER ➤

DuoVane 135

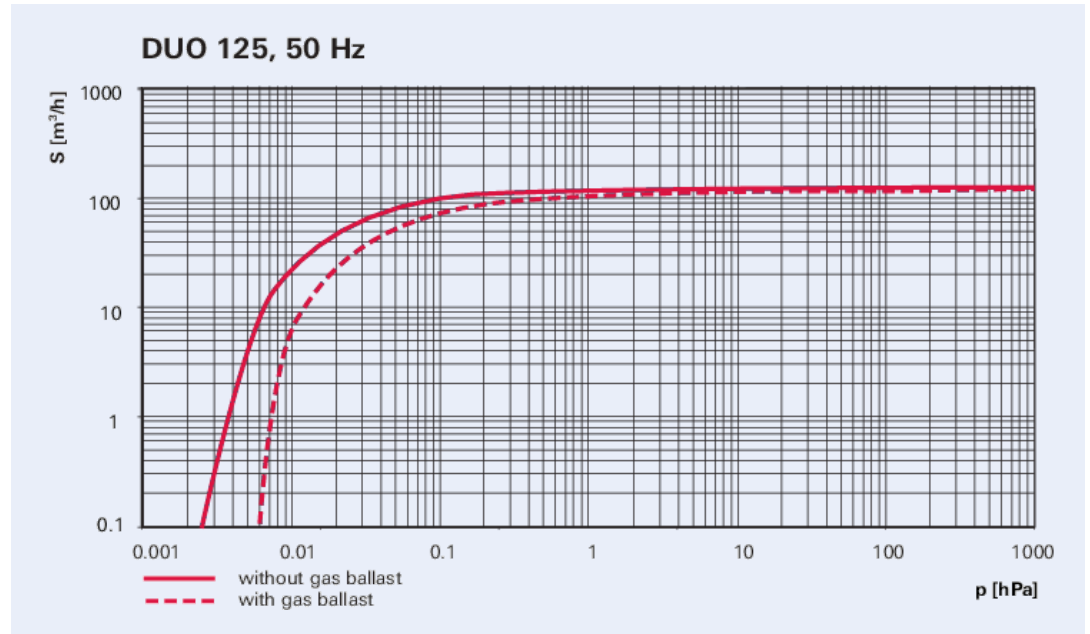


Illustration only

DuoVane 135, 3-phase motor, 3TF, 230/400 V, 50 Hz | 265/460 V, 60 Hz

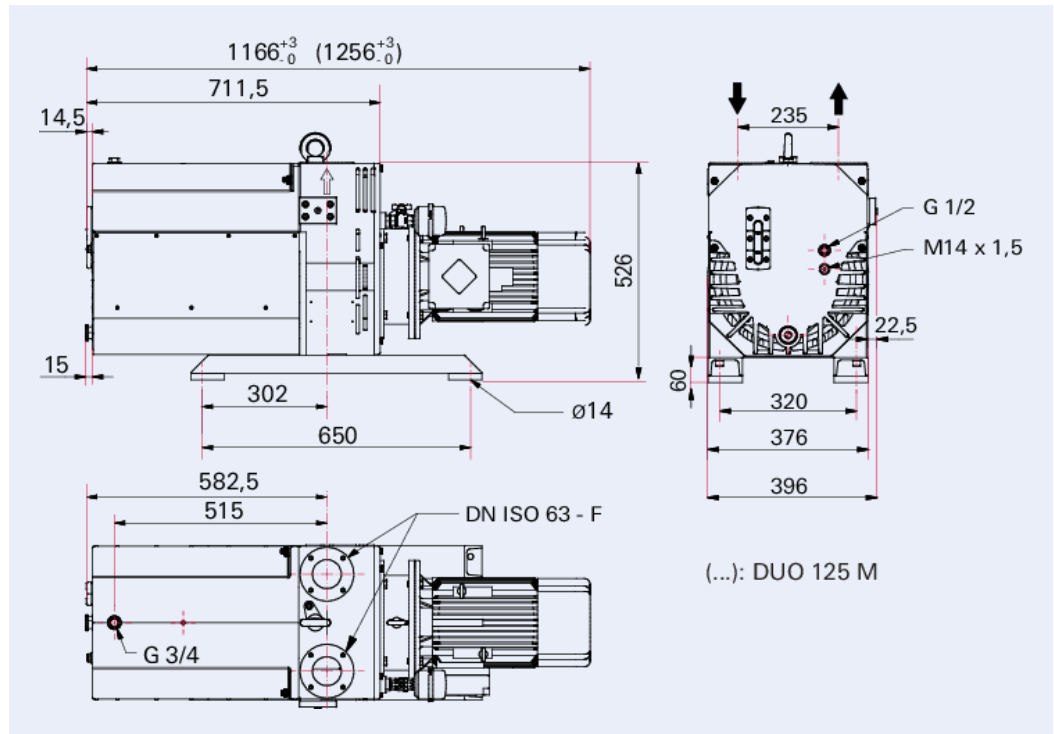
- Dual-stage, high-performance rotary vane pump with a pumping speed up to 135 m³/h
- With 3-phase motor
- With temperature sensor (3TF) for optimum motor protection
- Integrated gas ballast and HV safety valve
- For all low and medium vacuum applications
- Special feature: Various motor voltages for worldwide employment
- Other motor voltages available on request

Characteristics



DuoVane 135

Dimensions



DuoVane 135

Technical Data	DuoVane 135, 3-phase motor, 3TF, 230/400 V, 50 Hz 265/460 V, 60 Hz
Gas ballast	Yes
Operating fluid	P3
Cooling method	Air (Forced convection)
Motor type	3-phase motor
Pumping speed category	135 m ³ /h
Motor for region	Asia Europe
Ambient temperature	12 – 40 °C
Temperature: Storage, max	55 °C
Temperature: Storage, min	-25 °C
Input voltage(s)	230 / 400 V AC, 50 Hz 265 / 460 V AC (±5 %), 60 Hz
Ultimate pressure with gas ballast	4 · 10 ⁻³ hPa 3 · 10 ⁻³ Torr 4 · 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	1,200 rpm 1,200 min ⁻¹
Rotation speed at 50 Hz	1,000 rpm 1,000 min ⁻¹
Pumping speed at 60 Hz	135 m ³ /h 79.46 cfm 2,250.05 l/min
Pumping speed at 50 Hz	115 m ³ /h 67.689 cfm 1,916.705 l/min
Switch	No
Exhaust pressure, max.	1,500 hPa
Motor protection	3TF
Mains cable	No
Rated power 50 Hz	4 kW
Rated power 60 Hz	4.5 kW
Final pressure with gas ballast	4 · 10 ⁻³ hPa
Number of pumping stages	Two stage
Rotation speed at 60 Hz	1,200 rpm
Rotation speed at 50 Hz	1,000 rpm
Operating fluid amount	14 l
Exhaust pressure, min.	Atmospheric pressure
Weight	225 kg
Pumping speed at 60 Hz	135 m ³ /h
Pumping speed at 50 Hz	115 m ³ /h
Connection flange (in)	DN 63 ISO-F
Connection flange (out)	DN 63 ISO-F

DuoVane 135

Order number

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PK D47 602 D

Accessories

Set of seals for DUO 125 from PK D47 ...B

Maintenance kit for DUO 125

Overhaul kit for DUO 125 from PK D47 ... B

Pumping system tested for DUO 125, prepared for P3, tested

HV valve kit for DUO 125

Pressure valve kit for DUO 125 stage II

Pressure valve kit for DUO 125/255 stage I

Coupling kit for DUO 125

Set of vanes for DUO 125

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PK E00 024 -T

PK E01 032 -T

PK E02 037 -T

PK E03 016 -T

PK E04 009 -T

PK E05 012 -T

PK E05 013 -T

PK E06 007 -T

PK E08 029 -T



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

Are you looking for an optimum vacuum solution?

**Talk to us:
Pfeiffer Vacuum GmbH
Germany
T +49 6441 802-0**

Or scan the barcode, to visit our web page:



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