



**DuoVane 22, 3-phase
motor, 200-
220/240/380-415 V,
50 Hz | 200-
220/280/380-480 V,
60 Hz**



PFEIFFER ➤

DuoVane 22

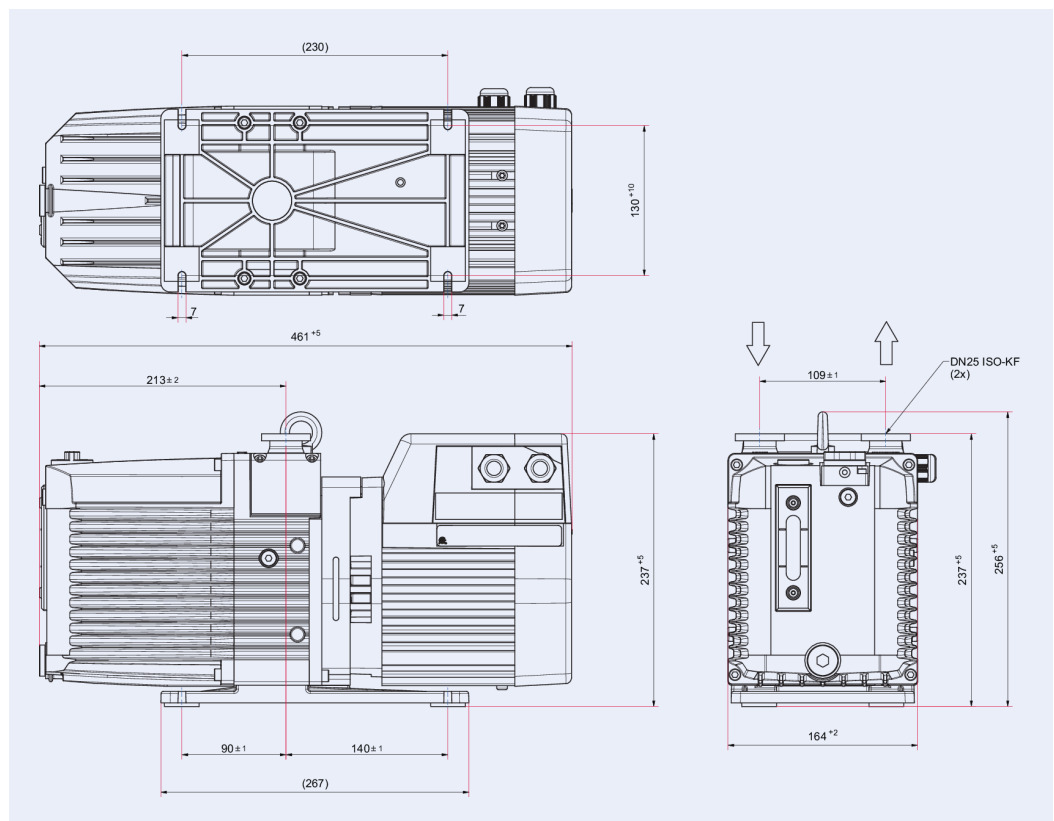


Illustration only

DuoVane 22, 3-phase motor, 200–220/240/380–415 V, 50 Hz | 200–220/280/380–480 V, 60 Hz

- Dual-stage, high-performance rotary vane pump with a pumping speed up to 22 m³/h
- With 3-phase motor
- With temperature sensor (Bimetal) 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

Dimensions



DuoVane 22

Technical Data

DuoVane 22, 3-phase motor, 200–220/240/380–415 V, 50 Hz | 200–220/280/380–480 V, 60 Hz

Connection flange (in)	DN 25 ISO-KF
Connection flange (out)	DN 25 ISO-KF
Pumping speed at 50 Hz	19.5 m ³ /h 11.4777 cfm 325.0065 l/min
Pumping speed at 60 Hz	22.5 m ³ /h 13.24 cfm 375.01 l/min
Ultimate pressure	3 · 10 ⁻³ hPa 2.25 · 10 ⁻³ Torr 3 · 10 ⁻³ mbar
Ultimate pressure with gas ballast	1 · 10 ⁻² hPa 7.5 · 10 ⁻³ Torr 1 · 10 ⁻² mbar
Exhaust pressure, min.	Atmospheric pressure
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Rotation speed at 50 Hz	1,500 rpm 1,500 min ⁻¹
Rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Cooling method	Air (Forced convection)
Motor protection	Bimetal
Motor type	3-phase motor
Ambient temperature	12 – 40 °C
Continuous gas input temperature, max.	40 °C 104 °F 313.2 K
Continuous inlet pressure, max.	50 hPa 37.5 Torr 50 mbar
Switch	No
Switch included	No
Input voltage 50 Hz	200 – 220 / 240 / 380 – 415 V
Input voltage 60 Hz	200 – 220 / 280 / 380 – 480 V
Input voltage(s)	200 – 220 / 240 / 380 – 415 V AC, 50 Hz 200 – 220 / 280 / 380 – 480 V AC (±5 %), 60 Hz
Mains cable included	No
Mains cable	No
Gas ballast	Yes
Operating fluid	P3
Operating fluid amount	1.3 l
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)	472 x 166 x 239 mm
Input voltage: tolerance	±5 %
Rated power 50 Hz	0.55 kW
Rated power 60 Hz	0.66 kW
Protection degree	IP43
Certification	CE

DuoVane 22

Order number

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PK D940 020 14

Accessories

Seal kit for DuoVane 20

DuoVane 22, 3-phase motor, 200–220/240/380–415 V, 50 Hz | 200-220/280/380-480 V, 60 Hz

PK E30 200 -T

Maintenance kit 1 for DuoVane 5 - 20

PK E31 200 -T

Maintenance kit 2 for DuoVane 20

PK E31 210 -T

Service Kit 3 for DuoVane 22

PK E32 200 -T

Maintenance kit 3 for DuoVane 20

PK E34 200 -T

Diaphragm HV valve for DuoVane 5 - 20

PK E34 210 -T

Rotary shaft seal for DuoVane 5 - 20

PK E36 200 -T

Vane DuoVane 22

PK E38 200 -T

P3 operating fluids for DuoVane 6 – 22

PK E39 200 -T

Gas ballast valve for DuoVane 5 - 20

PK E39 205 -T

Sight glass for DuoVane 5 - 20

PK E39 206 -T



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

Are you looking for an optimum vacuum solution?

**Talk to us:
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Or scan the barcode, to visit our web page:



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