



**DuoVane 22, 3-phase
motor, 200 – 220/240/318
– 415 V, 50 Hz |
280/480 V, 60 Hz,
Bimetal**

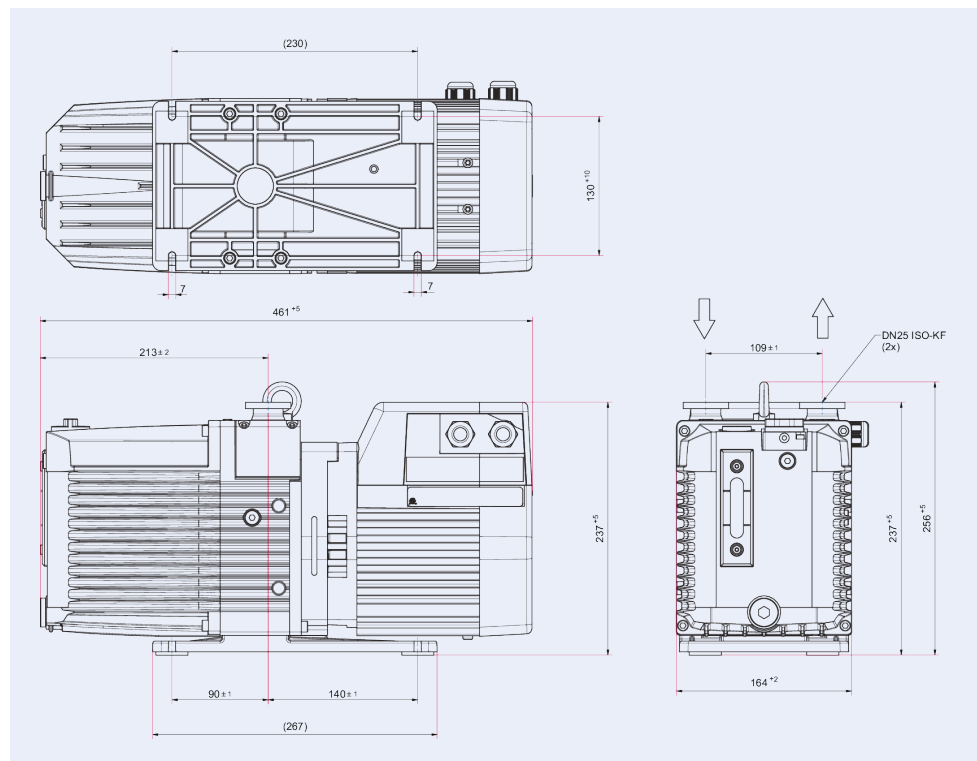
DuoVane 22



DuoVane 22, 3-phase motor, 200 – 220/240/318 – 415 V, 50 Hz | 280/480 V, 60 Hz, Bimetal

- 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



Technical Data	DuoVane 22, 3-phase motor, 200 – 220/240/318 – 415 V, 50 Hz 280/480 V, 60 Hz, Bimetal
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 13.2435 cfm 375.0075 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 K -233.2 °F
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	280 / 480 V
Input voltage(s)	200 – 220 / 240 / 380 – 415 V AC, 50 Hz 280 / 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 1.33 · 10 ⁻³ Torr l/s 1 · 10 ⁻³ 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
Weight	29 kg 63.93 lb

Order number	DuoVane 22, 3-phase motor, 200 – 220/240/318 – 415 V, 50 Hz 280/480 V, 60 Hz, Bimetal
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Errors and/or changes excepted. - 10/7/2024

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