



**DuoVane 70,
rotary vane pump,
220/380 V, 60 Hz, PTC**



DuoVane 70

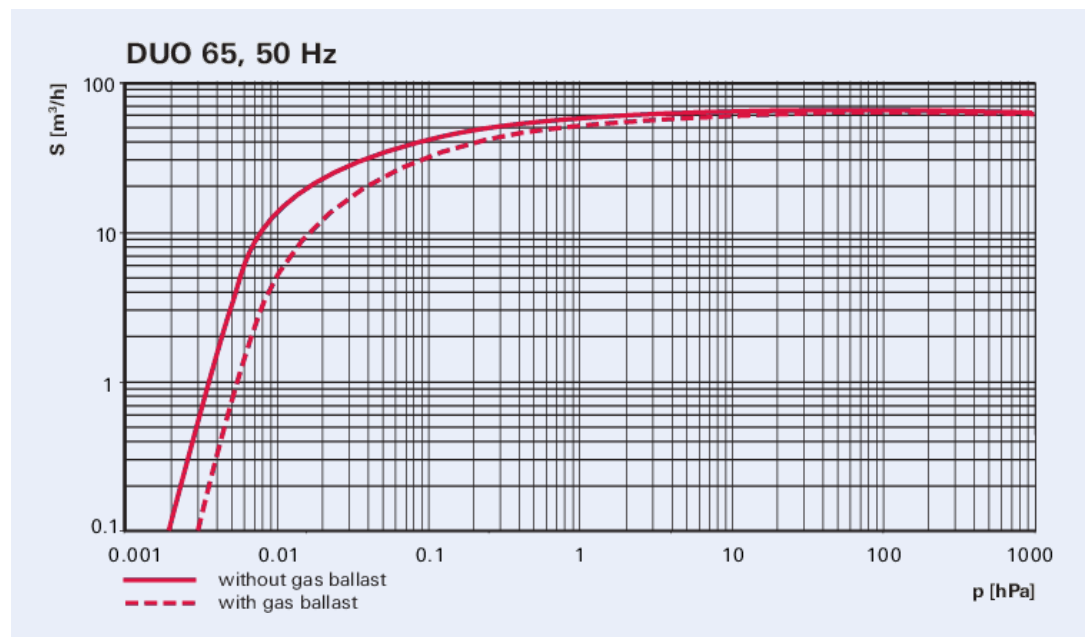


Illustration only

DuoVane 70, rotary vane pump, 220/380 V, 60 Hz, PTC

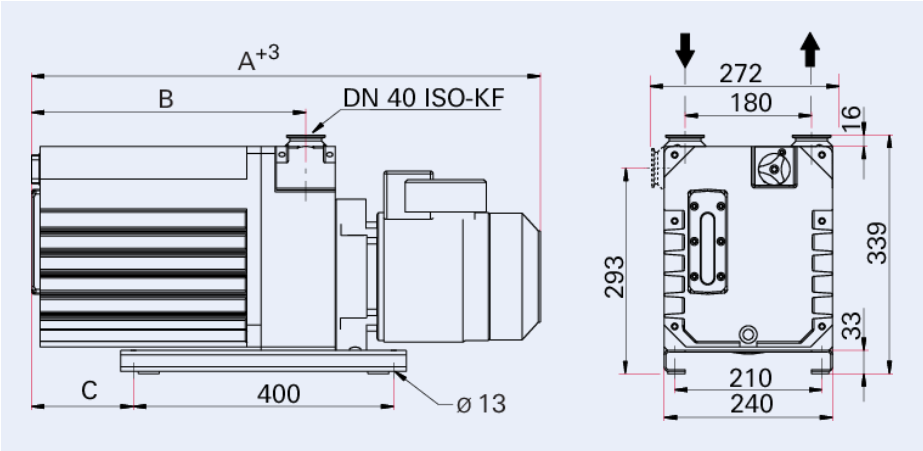
- Dual-stage, high-performance rotary vane pump with a pumping speed up to 70 m³/h
- With 3-phase motor
- With temperature sensor (3TF) for optimum motor protection
- Integrated gas ballast and HV safety valve
- For all low and medium vacuum applications
- Special feature: Various motor voltages for worldwide employment

Characteristics



DuoVane 70

Dimensions



A	780 mm
B	392 mm
C	146 mm

DuoVane 70

Technical Data	DuoVane 70, rotary vane pump, 220/380 V, 60 Hz, PTC
Operating fluid	P3
Cooling method	Air (Forced convection)
Motor type	3-phase motor
Pumping speed category	65 m ³ /h
Vacuum range min	3 · 10 ⁻³ hPa
Vacuum range max	2 · 10 ⁻³ hPa
Ambient temperature	12 – 40 °C
Temperature: Storage, max	55 °C
Temperature: Storage, min	-25 °C
Input voltage(s)	220 / 380 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
Water vapor tolerance at 60 Hz	10 hPa 7.5 Torr 10 mbar
Rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Pumping speed at 60 Hz	70 m ³ /h 41.2 cfm 1,166.69 l/min
Switch	No
Exhaust pressure, max.	1,500 hPa
Motor protection	3TF
Water vapor capacity 60 Hz	530 g/h
Mains cable	No
Rated power 60 Hz	1.8 kW
Final pressure with gas ballast	3 · 10 ⁻³ hPa
Dimensions (L x W x H)	741 x 240 x 340 mm
Number of pumping stages	Two stage
Connection flange	DN 40 ISO-KF / DN 40 ISO-KF
Rotation speed at 60 Hz	1,800 rpm
Exhaust pressure, min.	Atmospheric pressure
Weight	75 kg
Pumping speed at 60 Hz	70 m ³ /h
Connection flange (in)	DN 40 ISO-KF
Connection flange (out)	DN 40 ISO-KF

DuoVane 70

Order number	DuoVane 70, rotary vane pump, 220/380 V, 60 Hz, PTC
DuoVane 70, rotary vane pump, 220/380 V, 60 Hz, PTC	2000270649

Accessories	DuoVane 70, rotary vane pump, 220/380 V, 60 Hz, PTC
Set of seals for UNO/DUO 35/65 Standard, M, MC	2000021110
Maintenance kit for UNO / DUO 35/65	2000021113
Maintenance kit, level 1 for Uno/Duo 35/65 RWDR / M / C / MC	2000021116
Overhaul kit for DUO 65	2000021124
Pumping system for DUO 65 tested with operating fluid P3	2000021135
HV valve kit for UNO/DUO 35/65	2000021149
Pressure valve kit for DUO 65 / 65 M	2000021153
Coupling kit for UNO/DUO 35/35C/65/C	2000021155
Set of vanes for DUO 65 / 65 M	2000021185



伯东企业（上海）有限公司
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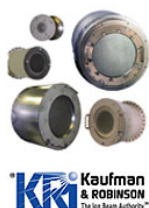
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