



DuoVane 3 M, 24 V DC, DN 16 ISO-KF





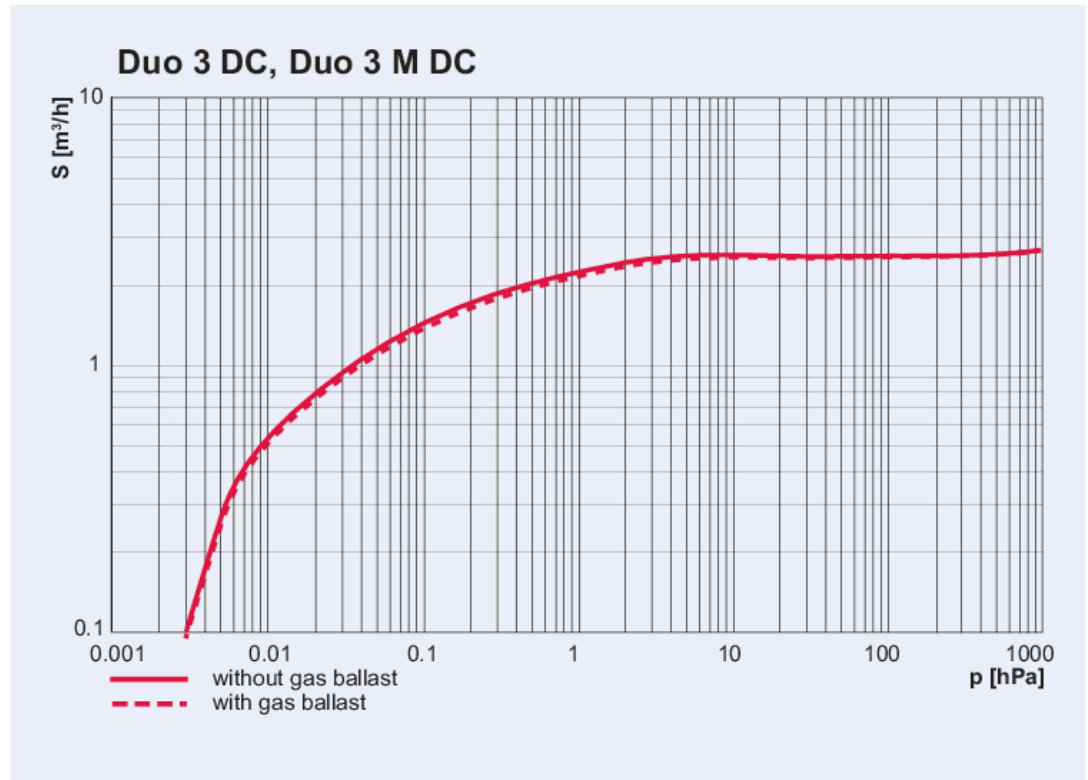
Illustration only

DuoVane 3 M, 24 V DC, DN 16 ISO-KF

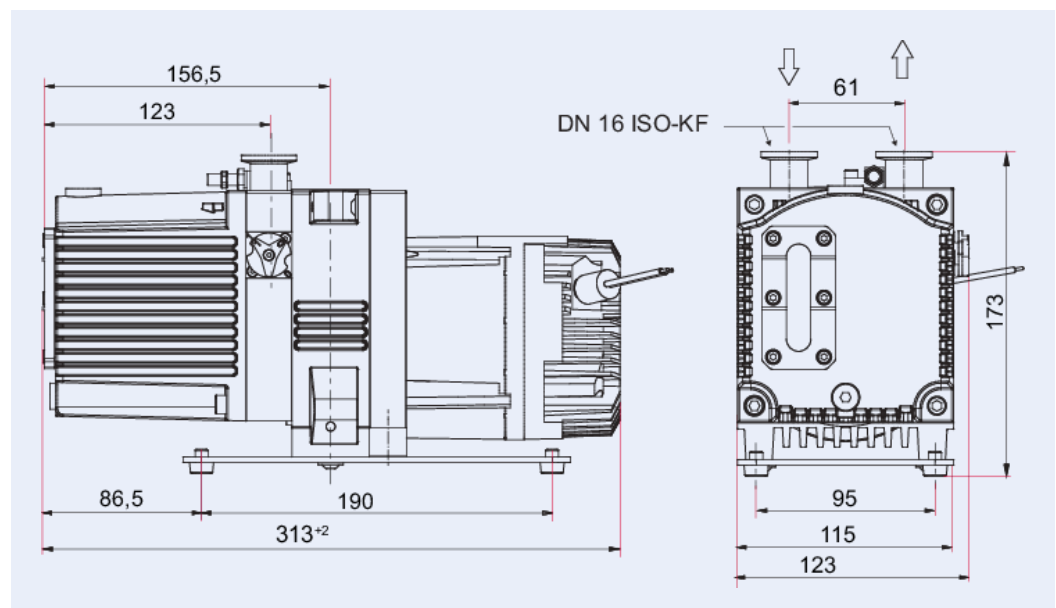
- Dual-stage, high-performance rotary vane pump with a pumping speed of 2.5 m³/h
- Magnetically coupled
- With 24 V DC-drive
- To connect pump with power supply TPS 310, connector plug P 4723 102 is necessary
- OME oil return device is included with the pump
- Suitable for operation with the wide range of temperature from -20 to +40 °C
- Very low noise level 53 dB (A) allows installation close to a work space
- Low cost of ownership due to power consumption < 100 W
- Low maintenance due to brushless drive and optional magnetic coupling
- Easy installation and small footprint

DuoVane 3 M

Characteristics



Dimensions



DuoVane 3 M

Technical Data	DuoVane 3 M, 24 V DC, DN 16 ISO-KF
Operating fluid	Inland 45
Cooling method	Air (Forced convection)
Pumping speed	2.5 m ³ /h
Motor type	DC motor
Recommended on-site electric fuse protection	16 A
Ambient temperature	20 – 40 °C
Current max.	16 A
Temperature: Storage, max	55 °C
Temperature: Storage, min	-25 °C
Certification	CE
Input voltage(s)	24 V DC (±10 %)
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, min.	250 hPa 187.5 Torr 250 mbar
Exhaust pressure, max.	1,500 hPa 1,125 Torr 1,500 mbar
Exhaust pressure, min.	250 hPa
Exhaust pressure, max.	1,500 hPa
Rotation speed	≥ 3000 rpm
Mains cable	Yes
Final pressure with gas ballast	3 · 10 ⁻³ hPa
Dimensions (L x W x H)	313 x 123 x 173 mm
Power consumption max.	340 W
Number of pumping stages	Two stage
Connection flange	DN 16 ISO-KF / DN 16 ISO-KF
Weight	8.5 kg
Connection flange (in)	DN 16 ISO-KF
Connection flange (out)	DN 16 ISO-KF

Order number	DuoVane 3 M, 24 V DC, DN 16 ISO-KF
DuoVane 3 M, 24 V DC, DN 16 ISO-KF	2000271887

DuoVane 3 M

Accessories	DuoVane 3 M, 24 V DC, DN 16 ISO-KF
Maintenance kit for DUO 1.6 M/3 M, UNO 6 M	2000021757
Maintenance kit, level I, for Duo 1.6 - 11, Uno 6	2000021774
Overhaul kit for DUO 3 M V DC 24 PK D57 563 C	2000021829
Coupling kit for DUO 3 M 24 V DC injection-molded containment shell (PK D57 563)	2000021005
Vane kit for DUO 1.6 / 3 PK D56... / PK D57...	2000021047
Gas ballast valve for DUO 1.6 - 11	2000021055



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上海浦东新区新金桥路1888号36号楼7楼702室

电 话：+86-21-5046-3511 / 139-1883-7267

传 真：+86-21-5046-1490

官 网：<http://www.hakuto-vacuum.cn>

