

Technical Data

Product: TRIVAC D 16 B - ATEX - 3(i)/3(o) G
 Part No.: 140160

Inlet connection:	DN 25 ISO-KF	
Outlet connection:	DN 25 ISO-KF	
Nominal pumping speed at 50 Hz:	18.9 m ³ /h	11.1 cfm
Pumping speed at 50 Hz:	16.5 m ³ /h	9.7 cfm
Ultimate partial pressure without gas ballast:	1.0 x 10 ⁻⁴ mbar	7.5 x 10 ⁻⁵ Torr
Ultimate total pressure without gas ballast:	< 2.0 x 10 ⁻³ mbar	< 1.5 x 10 ⁻³ Torr
Ultimate total pressure with gas ballast:	< 5.0 x 10 ⁻³ mbar	< 3.8 x 10 ⁻³ Torr
Water vapor tolerance at 50 Hz:	25.0 mbar	18.8 Torr
Water vapor capacity at 50 Hz:	305 g/h	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity		
min.:	0.5 l	0.5 qt
max.:	1.0 l	1.1 qt
Noise level to DIN 45 635		
without gas ballast:	54 db(A)	
with gas ballast:	56 db(A)	
Mains connection:	1-ph, 230/400 V, 50 Hz, in Ex e II T3	
Motor rating:	750 W	1.0 HP
Rotation speed at 50 Hz:	1.500 min ⁻¹	1.500 rpm
Motor protection rating:	IP 54	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 26 kg	≈ 57 lbs

Technical data are subject to change