

## Technical Data

Product: TRIVAC D 8 B - ATEX - 3(i)/3(o) G  
 Part No.: 140150

Inlet connection:	DN 16 ISO-KF	
Outlet connection:	DN 16 ISO-KF	
Nominal pumping speed at 50 Hz:	9.7 m <sup>3</sup> /h	5.7 cfm
Pumping speed at 50 Hz:	8.5 m <sup>3</sup> /h	5.0 cfm
Ultimate partial pressure without gas ballast:	1.0 x 10 <sup>-4</sup> mbar	7.5 x 10 <sup>-5</sup> Torr
Ultimate total pressure without gas ballast:	< 2.0 x 10 <sup>-3</sup> mbar	< 1.5 x 10 <sup>-3</sup> Torr
Ultimate total pressure with gas ballast:	< 5.0 x 10 <sup>-3</sup> mbar	< 3.8 x 10 <sup>-3</sup> Torr
Water vapor tolerance at 50 Hz:	25.0 mbar	18.8 Torr
Water vapor capacity at 50 Hz:	157 g/h	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity		
min.:	0.3 l	0.3 qt
max.:	0.9 l	0.95 qt
Noise level to DIN 45 635		
without gas ballast:	50 db(A)	
with gas ballast:	52 db(A)	
Mains connection:	3-ph, 230/400 V, 50 Hz, in Ex e II T3	
Motor rating:	370 W	0.5 HP
Rotation speed at 50 Hz:	1.390 min <sup>-1</sup>	
Motor protection rating:	IP 55	
Admissible ambient temperature:	+12 bis +40°C	+54 bis +104°F
Dimensions:	dee dimension sheet	
Weight:	≈ 20 kg	≈ 44 lbs

Technical data are subject to change