

Technical Data

Product: TRIVAC D 8 B
Part No.: 140082

Inlet connection:	DN 16 ISO-KF	
Outlet connection:	DN 16 ISO-KF	
Nominal pumping speed at 50 Hz:	9.7 m ³ /h	5.7 cfm
Nominal pumping speed at 60 Hz:	11.6 m ³ /h	6.9 cfm
Pumping speed at 50 Hz:	8.5 m ³ /h	5.0 cfm
Pumping speed at 60 Hz:	10.2 m ³ /h	6.0 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 tolerance at 60 Hz:	25.0 mbar	18.8 Torr
Water vapor capacity at 50 Hz:	157 g/h	
Water vapor capacity at 60 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:	1-ph, 100-115 V ±5%, 50/60 Hz 1-ph, 210-230 V ±5%, 50/60 Hz	
Motor rating at 50 Hz:	570 W	
Motor rating at 60 Hz:	660 W	
Rotation speed at 50 Hz:	1.420 min ⁻¹	
Rotation speed at 60 Hz:	1.690 min ⁻¹	
Motor protection rating:	IP 54	
Admissible ambient temperature:	+12 bis +40°C	+54 bis +104°F
Dimensions:	see dimension sheet	
Weight:	23.0 kg	

Technical data are subject to change