

Technical Data

Product: TRIVAC D 2,5 E - World motor
 Part No.: 140001

Inlet connection:	DN 16 ISO-KF	
Outlet connection:	DN 16 ISO-KF	
Nominal pumping speed at 50 Hz:	3.2 m ³ /h	1.9 cfm
Nominal pumping speed at 60 Hz:	3.6 m ³ /h	2.1 cfm
Pumping speed at 50 Hz:	2.7 m ³ /h	1.6 cfm
Pumping speed at 60 Hz:	3.3 m ³ /h	1.9 cfm
Ultimate partial pressure without gas ballast:	≤ 5.0 x 10 ⁻⁴ mbar	≤ 3.8 x 10 ⁻⁴ 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:	≤ 3.0 x 10 ⁻² mbar	≤ 2.3 x 10 ⁻² Torr
Water vapor tolerance at 50/60 Hz		
gas ballast step 1:	10.0 mbar	7.5 Torr
gas ballast step 2:	20.0 mbar	15.0 Torr
gas ballast step 3:	30.0 mbar	22.5 Torr
Water vapor capacity at 50/60 Hz		
gas ballast step 1:	20 g/h	
gas ballast step 2:	40 g/h	
gas ballast step 3:	60 g/h	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity		
min.:	0.4 l	0.4 qt
max.:	0.7 l	0.7 qt
Noise level to DIN 45 635:	47 dB(A)	
Mains connection:	1-ph, 100-120 V, 200-240 V, 50/60 Hz	
Motor rating:	300 W	0.41 HP
Rotation speed at 50 Hz:	1.400 min ⁻¹	1.400 rpm
Rotation speed at 60 Hz:	1.600 min ⁻¹	1.600 rpm
Motor protection rating:	IP 54	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	15,3 kg	33,7 lbs

Technical data are subject to change