

## Technical Data

Product: TRIVAC D 16 BCS - PFPE  
Part No.: 11369

Inlet connection:	DN 25 ISO-KF	
Outlet connection:	DN 25 ISO-KF	
Nominal pumping speed at 50 Hz:	18.9 m <sup>3</sup> /h	11.1 cfm
Nominal pumping speed at 60 Hz:	22.7 m <sup>3</sup> /h	13.4 cfm
Pumping speed at 50 Hz:	16.5 m <sup>3</sup> /h	9.7 cfm
Pumping speed at 60 Hz:	19.8 m <sup>3</sup> /h	11.7 cfm
Ultimate partial pressure without gas ballast:	< 8.0 x 10 <sup>-4</sup> mbar	< 6.0 x 10 <sup>-4</sup> Torr
Ultimate total pressure without gas ballast:	< 2.5 x 10 <sup>-3</sup> mbar	< 1.9 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 tolerance at 60 Hz:	25.0 mbar	18.8 Torr
Water vapor capacity at 50 Hz:	305 g/h	
Water vapor capacity at 60 Hz:	305 g/h	
Operating fluid:	LEYBONOL LVO 400 (Pump will be delivered without oil filling)	
Operating fluid capacity		
min.:	0.45 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:	3-ph, 220-240/380-420 V, 50 Hz 3-ph, 240-265/415-480 V, 60 Hz	
Motor rating:	750 W	1.0 HP
Rotation speed at 50 Hz:	1.500 min <sup>-1</sup>	1.500 rpm
Rotation speed at 60 Hz:	1.800 min <sup>-1</sup>	1.800 rpm
Motor protection rating:	IP 55	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	27.0 kg	59.5 lbs

Technical data are subject to change