

Technical Data

Product: TRIVAC D 40 BCS
Part No.: 11388

Inlet connection:	DN 40 ISO-KF	
Outlet connection:	DN 40 ISO-KF	
Nominal pumping speed at 50 Hz:	46.0 m ³ /h	27.0 cfm
Nominal pumping speed at 60 Hz:	55.0 m ³ /h	32.5 cfm
Pumping speed at 50 Hz:	40.0 m ³ /h	24.0 cfm
Pumping speed at 60 Hz:	48.0 m ³ /h	28.0 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:	40.0 mbar	30.0 Torr
Water vapor tolerance at 60 Hz:	40.0 mbar	30.0 Torr
Water vapor capacity at 50 Hz:	1.184 g/h	
Water vapor capacity at 60 Hz:	1.184 g/h	
Operating fluid:	LEYBONOL LVO 100	
Operating fluid capacity		
min.:	1.7 l	1.8 qt
max.:	2.6 l	2.7 qt
Noise level to DIN 45 635		
without gas ballast:	57 db(A)	
with gas ballast:	59 db(A)	
Mains connection:	3-ph, 220-240/380-420 V, 50 Hz 3-ph, 240-265/415-480 V, 60 Hz	
Motor rating:	2.2 kW	3.0 HP
Rotation speed at 50 Hz:	1.420 min ⁻¹	1.420 rpm
Rotation speed at 60 Hz:	1.710 min ⁻¹	1.710 rpm
Motor protection rating:	IP 55	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	68 kg	150 lbs

Technical data are subject to change