

Technical Data

Product: TRIVAC D 25 BCS - US-Version
 Part No.: 91378-2

Inlet connection:	DN 25 ISO-KF	
Outlet connection:	DN 25 ISO-KF	
Nominal pumping speed at 50 Hz:	29.5 m ³ /h	17.4 cfm
Nominal pumping speed at 60 Hz:	35.4 m ³ /h	20.9 cfm
Pumping speed at 50 Hz:	25.7 m ³ /h	15.1 cfm
Pumping speed at 60 Hz:	30.8 m ³ /h	18.2 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:	< 2.5 x 10 ⁻³ mbar	< 1.9 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:	476 g/h	
Water vapor capacity at 60 Hz:	476 g/h	
Operating fluid:	N 62	
Operating fluid capacity		
min.:	0.6 l	0.6 qt
max.:	1.4 l	1.5 qt
Noise level to DIN 45 635		
without gas ballast:	54 db(A)	
with gas ballast:	56 db(A)	
Mains connection:	3-ph, 180-220/342-418 V, 50 Hz 3-ph, 180-253/414-506 V, 60 Hz	
Motor rating:	1.100 W	1.5 HP
Rotation speed at 50 Hz:	1.500 min ⁻¹	1.500 rpm
Rotation speed at 60 Hz:	1.800 min ⁻¹	1.800 rpm
Motor protection rating:	TEFC	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	32.0 kg	70.6 lbs

Technical data are subject to change