

## 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<br>(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<br>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