

## Technical Data

Product: SOGEVAC SV 25 B - with gas ballast valve  
 Part-No.: 960251

|  |  |               |
|--|--|---------------|
| Inlet connection:                              | G 3/4" + G 1/2" Inside thread                                    |               |
| Outlet connection:                             | G 3/4" Inside thread   |               |
| Nominal pumping speed at 50 Hz:                | 26.0 m <sup>3</sup> /h   | 15.3 cfm      |
| Nominal pumping speed at 60 Hz:                | 31.0 m <sup>3</sup> /h   | 18.3 cfm      |
| Pumping speed at 50 Hz:                        | 22.5 m <sup>3</sup> /h   | 13.3 cfm      |
| Pumping speed at 60 Hz:                        | 25.0 m <sup>3</sup> /h   | 14.7 cfm      |
| Ultimate partial pressure without gas ballast: | ≤ 0.5 mbar   | ≤ 0.4 Torr    |
| Ultimate total pressure without gas ballast:   | ≤ 0.5 mbar   | ≤ 0.4 Torr    |
| Ultimate total pressure with gas ballast:      | ≤ 0.8 mbar   | ≤ 0.6 Torr    |
| Water vapor tolerance at 50 Hz:                | 10.0 mbar  | 7.5 Torr      |
| Water vapor tolerance at 60 Hz:                | 10.0 mbar  | 7.5 Torr      |
| Water vapor capacity at 50 Hz:                 | 85 g/h   |               |
| Water vapor capacity at 60 Hz:                 | 100 g/h  |               |
| Operating fluid:                               | LVO 120  |               |
| Operating fluid capacity:                      | 0.5 l  | 0.53 qt       |
| Noise level to DIN 45 635                      |  |               |
| without gas ballast:                           | 64 - 67 dB(A)  |               |
| with gas ballast:                              | - - -  |               |
| Mains connection:                              | 3-ph, 200-240/346-415 V, 50 Hz<br>3-ph, 200-277/346-480 V, 60 Hz |               |
| Motor rating at 50 Hz:                         | 0.9 kW   | 1.2 HP        |
| Motor rating at 60 Hz:                         | 1.1 kW   | 1.5 HP        |
| Rotation speed at 50 Hz:                       | 3.000 min <sup>-1</sup>  | 3.000 rpm     |
| Rotation speed at 60 Hz:                       | 3.600 min <sup>-1</sup>  | 3.600 rpm     |
| Motor protection rating:                       | IP 55-F  |               |
| Admissible ambient temperature:                | +12 to +40°C   | +54 to +104°F |
| Dimensions:                                    | see dimension sheet  |               |
| Weight:  | 26.0 kg  | 57.4 lbs      |

Technical data are subject to change