

## 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 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