

## Technical Data

Product: SOGEVAC SV 16 B - with gas ballast valve  
 Part-No.: 960160

Inlet connection:	G 3/4" + G 1/2" Inside thread	
Outlet connection:	- - -	
Nominal pumping speed at 50 Hz:	16.0 m <sup>3</sup> /h	9.4 cfm
Nominal pumping speed at 60 Hz:	19.0 m <sup>3</sup> /h	11.2 cfm
Pumping speed at 50 Hz:	15.0 m <sup>3</sup> /h	8.8 cfm
Pumping speed at 60 Hz:	17.0 m <sup>3</sup> /h	10.0 cfm
Ultimate partial pressure without gas ballast:	≤ 1.0 mbar	≤ 0.75 Torr
Ultimate total pressure without gas ballast:	≤ 1.0 mbar	≤ 0.75 Torr
Ultimate total pressure with gas ballast:	≤ 2.0 mbar	≤ 1.5 Torr
Water vapor tolerance at 50 Hz:	10.0 mbar	7.5 Torr
Water vapor tolerance at 60 Hz:	15.0 mbar	11.3 Torr
Water vapor capacity at 50 Hz:	30 g/h	
Water vapor capacity at 60 Hz:	50 g/h	
Operating fluid:	LVO 120	
Operating fluid capacity:	0.5 l	0.53 qt
Noise level to DIN 45 635		
without gas ballast:	60 - 64 dB(A)	
with gas ballast:	- - -	
Mains connection:	3-ph, 220-240/380-415 V, 50 Hz 3-ph, 220-266/380-460 V, 60 Hz	
Motor rating at 50 Hz:	550 W	0.75 HP
Motor rating at 60 Hz:	750 W	1.00 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:	≈ 20.5 kg	≈ 45.3 lbs

Technical data are subject to change