

## Technical Data

Product: SOGEVAC SV 750 BF - with gas ballast valve  
 Part-No.: 960877

Inlet connection:	DIN 160 Roots adapter RUVAC 2001	
Outlet connection:	DN 100 ISO-K	
Nominal pumping speed at 50 Hz:	840 m <sup>3</sup> /h	494 cfm
Pumping speed at 50 Hz:	755 m <sup>3</sup> /h	444 cfm
Ultimate partial pressure without gas ballast:	≤ 8.0 x 10 <sup>-2</sup> mbar	≤ 6.0 x 10 <sup>-2</sup> Torr
Ultimate total pressure without gas ballast:	≤ 8.0 x 10 <sup>-2</sup> mbar	≤ 6.0 x 10 <sup>-2</sup> Torr
Ultimate total pressure		
with one gas ballast valve:	≤ 0.7 mbar	≤ 0.5 Torr
with two gas ballast valves:	≤ 2.0 mbar	≤ 1.5 Torr
Water vapor tolerance at 50 Hz		
with one gas ballast valve:	30.0 mbar	22.5 Torr
with two gas ballast valves:	40.0 mbar	30.0 Torr
Water vapor capacity at 50 Hz		
with one gas ballast valve:	14.0 kg/h	
with two gas ballast valves:	19.0 kg/h	
Operating fluid:	LVO 130	
Operating fluid capacity		
min.:	20.0 l	21.0 qt
max.:	23.0 l	24.0 qt
Noise level to DIN 45 635		
without gas ballast:	75 dB(A)	
Mains connection:	3-ph, 380/400/415/690 V, 50 Hz	
Motor rating at 50 Hz:	18.5 kW	25.0 HP
Rotation speed at 50 Hz:	1.000 min <sup>-1</sup>	1.000 rpm
Motor protection rating:	IP 54-F / TEFC	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 670 kg	≈ 1.477 lbs

Technical data are subject to change