

Technical Data

Product: SOGEVAC SV 1200 - with gas ballast valve
 Part-No.: 10970

Inlet connection:	DN 125 PN 10	
Outlet connection:	DN 160 ISO-K	
Nominal pumping speed at 50 Hz:	1.150 m ³ /h	677 cfm
Nominal pumping speed at 60 Hz:	1.150 m ³ /h	677 cfm
Pumping speed at 50 Hz:	1.070 m ³ /h	630 cfm
Pumping speed at 60 Hz:	1.070 m ³ /h	630 cfm
Ultimate partial pressure without gas ballast:	≤ 1.0 x 10 ⁻¹ mbar	≤ 7.5 x 10 ⁻² Torr
Ultimate total pressure without gas ballast:	≤ 1.0 x 10 ⁻¹ mbar	≤ 7.5 x 10 ⁻² Torr
Ultimate total pressure		
with one gas ballast valve:	≤ 1.5 mbar	≤ 1.1 Torr
with two gas ballast valves:	≤ 2.0 mbar	≤ 1.5 Torr
Water vapor tolerance at 50 Hz		
with one gas ballast valve:	20.0 mbar	15.0 Torr
with two gas ballast valves:	40.0 mbar	30.0 Torr
Water vapor tolerance at 60 Hz		
with one gas ballast valve:	20.0 mbar	15.0 Torr
with two gas ballast valves:	40.0 mbar	30.0 Torr
Water vapor capacity at 50 Hz		
with one gas ballast valve:	12.5 kg/h	
with two gas ballast valves:	25.0 kg/h	
Water vapor capacity at 60 Hz		
with one gas ballast valve:	12.5 kg/h	
with two gas ballast valves:	25.0 kg/h	
Operating fluid:	LVO 130	
Operating fluid capacity		
min.:	60 l	63 qt
max.:	70 l	74 qt
Noise level to DIN 45 635		
at 50 Hz:	75 dB(A)	
at 60 Hz:	75 dB(A)	
Mains connection:	3-ph, 400 V, 50 Hz	
Motor rating at 50 Hz:	22 kW	30 HP
Rotation speed at 50 Hz:	1.460 min ⁻¹	1.460 rpm
Motor protection rating:	IP 54-F / TEFC	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 1.370 kg	≈ 3.021 lbs

Technical data are subject to change