

Technical Data

Product: SOGEVAC SV 200 - with gas ballast valve
 Part-No.: 95527

Inlet connection:	G 2" Inside thread	
Outlet connection:	G 2" Inside thread	
Nominal pumping speed at 50 Hz:	180 m ³ /h	106 cfm
Nominal pumping speed at 60 Hz:	220 m ³ /h	129 cfm
Pumping speed at 50 Hz:	170 m ³ /h	100 cfm
Pumping speed at 60 Hz:	200 m ³ /h	118 cfm
Ultimate partial pressure without gas ballast:	$\leq 8.0 \times 10^{-2}$ mbar	$\leq 6.0 \times 10^{-2}$ Torr
Ultimate total pressure without gas ballast:	$\leq 8.0 \times 10^{-2}$ mbar	$\leq 6.0 \times 10^{-2}$ Torr
Ultimate total pressure with gas ballast:	≤ 0.7 mbar	≤ 0.5 Torr
Water vapor tolerance at 50 Hz		
with standard gas ballast:	30.0 mbar	22.5 Torr
with big gas ballast:	50.0 mbar	37.5 Torr
Water vapor tolerance at 60 Hz		
with standard gas ballast:	40.0 mbar	30.0 Torr
with big gas ballast:	50.0 mbar	37.5 Torr
Water vapor capacity at 50 Hz		
with standard gas ballast:	3.4 kg/h	
with big gas ballast:	- - -	
Water vapor capacity at 60 Hz		
with standard gas ballast:	5.4 kg/h	
with big gas ballast:	- - -	
Operating fluid:	LVO 130	
Operating fluid capacity		
min.:	5.0 l	5.3 qt
max.:	9.0 l	9.5 qt
Noise level to DIN 45 635		
at 50 Hz:	69 dB(A)	
at 60 Hz:	73 dB(A)	
Mains connection:	3-ph, 200 V, 50/60 Hz	
Motor rating at 50 Hz:	4.0 kW	5.4 HP
Motor rating at 60 Hz:	4.6 kW	6.2 HP
Rotation speed at 50 Hz:	1.450 min ⁻¹	1.450 rpm
Rotation speed at 60 Hz:	1.750 min ⁻¹	1.750 rpm
Motor protection rating:	IP 55 / TEFC	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 140 kg	≈ 309 lbs

Technical data are subject to change