

Technical Data

Product: SOGEVAC SV 16 D
 Part-No.: 960186V1705

Inlet connection:	G 1/2" internal thread	
Outlet connection:	G 1/2" internal thread	
Nominal pumping speed at 50 Hz:	16.0 m ³ /h	9.4 cfm
Nominal pumping speed at 60 Hz:	19.0 m ³ /h	11.0 cfm
Pumping speed at 50 Hz:	14.5 m ³ /h	8.5 cfm
Pumping speed at 60 Hz:	17.0 m ³ /h	10.0 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:	≤ 1.5 mbar	≤ 1.1 Torr
Water vapor tolerance at 50 Hz:	15.0 mbar	11.3 Torr
Water vapor tolerance at 60 Hz:	15.0 mbar	11.3 Torr
Water vapor capacity at 50 Hz:	50 g/h	
Water vapor capacity at 60 Hz:	50 g/h	
Operating fluid:	LVO 700	
Operating fluid capacity:	2.0 l	2.1 qt
Noise level to DIN 45 635		
without gas ballast:	59 dB(A)	
with gas ballast:	- - -	
Mains connection:	1-ph, 110-115 V, ±10%, 50/60 Hz 1-ph, 220-230 V, ±10%, 50/60 Hz	
Motor rating at 50 Hz:	750 W	1.01 HP
Motor rating at 60 Hz:	900 W	1.21 HP
Rotation speed at 50 Hz:	1.440 min ⁻¹	1.440 rpm
Rotation speed at 60 Hz:	1.750 min ⁻¹	1.750 rpm
Motor protection rating:	IP 20	
Admissible ambient temperature:	+18 to +40°C	+64 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 25.0 kg	≈ 55.1 lbs

Technical data are subject to change