

## Technical Data

Product: SCROLLVAC SC 5 D  
 Part No.: 133100

Inlet connection:	DN 25 ISO-KF	
Outlet connection:	DN 16 ISO-KF	
Nominal pumping speed at 50 Hz:	5.4 m <sup>3</sup> /h	3.2 cfm
Nominal pumping speed at 60 Hz:	6.4 m <sup>3</sup> /h	3.8 cfm
Pumping speed at 50 Hz:	4.8 m <sup>3</sup> /h	2.8 cfm
Pumping speed at 60 Hz:	6.0 m <sup>3</sup> /h	3.5 cfm
Ultimate total pressure without purge gas:	5.0 x 10 <sup>-2</sup> mbar	3.8 x 10 <sup>-2</sup> Torr
Ultimate total pressure with purge gas:	5.0 x 10 <sup>-2</sup> mbar	3.8 x 10 <sup>-2</sup> Torr
Water vapor tolerance at 50/60 Hz:	0.06 mbar	0.05 Torr
Water vapor capacity at 50/60 Hz:	0.2 g/h	
Purge gas quantity:	9 l/min	
Noise level to DIN 45 635		
without purge gas:	≤ 52 dB(A)	
with purge gas:	≤ 57 dB(A)	
Leak rate:	1.0 x 10 <sup>-6</sup> mbar l/s	
Mains connection:	1-ph, 100 V, 50 Hz / 100-115 V, 60 Hz	
Motor rating:	150 W	0.2 HP
Rotation speed at 50 Hz:	1.440 min <sup>-1</sup>	1.440 rpm
Rotation speed at 60 Hz:	1.740 min <sup>-1</sup>	1.740 rpm
Motor protection rating:	IP 20	
Admissible ambient temperature:	+5 to +40°C	+41 to +104°F
Dimensions:	see dimension sheet	
Weight:	14.0 kg	30.9 lbs

Technical data are subject to change