

## Technical Data

Product: SOGEVAC NEO D 25  
Part-No.: 970202V

Inlet connection:	DN 25 ISO-KF	
Outlet connection:	DN 25 ISO-KF	
Nominal pumping speed at 50 Hz:	28.0 m <sup>3</sup> /h	16.48 cfm
Nominal pumping speed at 60 Hz:	34.0 m <sup>3</sup> /h	20.01 cfm
Pumping speed at 50 Hz:	24.0 m <sup>3</sup> /h	14.13 cfm
Pumping speed at 60 Hz:	29.0 m <sup>3</sup> /h	17.07 cfm
Ultimate partial pressure without gas ballast:	≤ 0.008 mbar	≤ 0.006 Torr
Ultimate total pressure with gas ballast:	≤ 0.1 mbar	≤ 0.075 Torr
Water vapor tolerance at 50 Hz:	10.0 mbar*	7.5 Torr*
Water vapor tolerance at 60 Hz:	10.0 mbar*	7.5 Torr*
Operating fluid:	LVO 700	
Operating fluid capacity:	1.5 l	1.32 qt
Noise level to DIN 45 635		
without gas ballast:	54 dB(A)	
with gas ballast:	N/A	
Mains connection:	3-ph, 180...264 / 342...457 V, 50 Hz & 180...264 / 342...506 V, 60 Hz	
Motor rating at 50 Hz:	900 W	1,22 HP
Motor rating at 60 Hz:	1100 W	1,49 HP
Rotation speed at 50 Hz:	1458 min <sup>-1</sup>	1458 rpm
Rotation speed at 60 Hz:	1764 min <sup>-1</sup>	1764 rpm
Motor protection rating:	IP 55	
Admissible ambient temperature:	+12 to +40°C	+54 to +104°F
Dimensions:	see dimension sheet	
Weight:	≈ 50.0 kg	≈ 110 lbs

Technical data are subject to change

\* specific variants available with higher water vapor tolerance