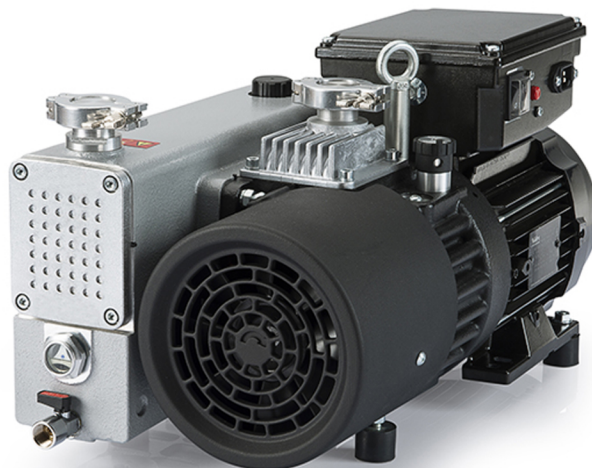




Leybold NEO D-25

Technical Specifications

SOGEVAC NEO D 25	970202V	970201V	970200V
Inlet / outlet connection	DN 25 ISO-KF		
Nominal pumping speed 50 Hz	28 m ³ h / 16.48 cfm		
Nominal pumping speed 60 Hz	34 m ³ h / 20.01 cfm		
Pumping speed 50 Hz	24 m ³ h / 14.13 cfm		
Pumping speed 60 Hz	29 m ³ h / 17.07 cfm		
Ultimate partial pressure w/out gas ballast	≤ 0.008 mbar / ≤ 0.006 Torr		
Ultimate total pressure w/ gas ballast	≤ 0.1 mbar / ≤ 0.075 Torr		
Water vapor tolerance 50/60 Hz	10 mbar / 7.5 Torr		
Operating fluid	LVO 700		
Operating fluid capacity	1.5 liters / 1.32 qt		
Noise level to DIN 45 635 w/out gas ballast	54 dB(A)		
Mains connections	3-phase 180-264V 342-457V 50 Hz 180-264V 342-506V 60 Hz	1?phase 200-240V ±10% 50/60 Hz	1?phase 240V ±10% 50/60 Hz
Motor rating 50 Hz	900 W		
Motor rating 60 Hz	1,100 W		
Rotation speed 50 Hz	1,458 min ⁻¹ / 1,458 rpm	1,460 min ⁻¹ / 1,460 rpm	
Rotation speed 60 Hz	1,764 min ⁻¹ / 1,764 rpm	1,730 min ⁻¹ / 1,730 rpm	
Motor protection rating	IP 55	IP 40	
Admissible ambient temperature	+12 to +40°C / +54 to +104°F		
Weight	50 kg / 110 lbs		





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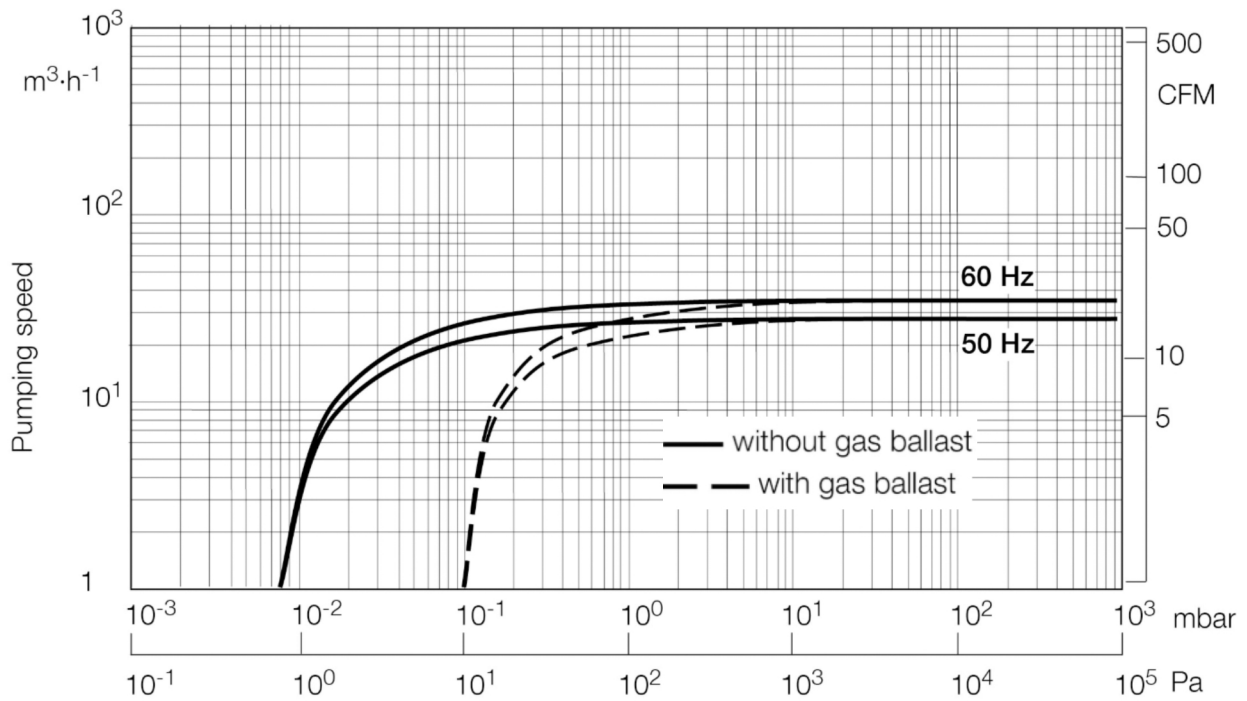
SALES

PHONE: 831-462-8900

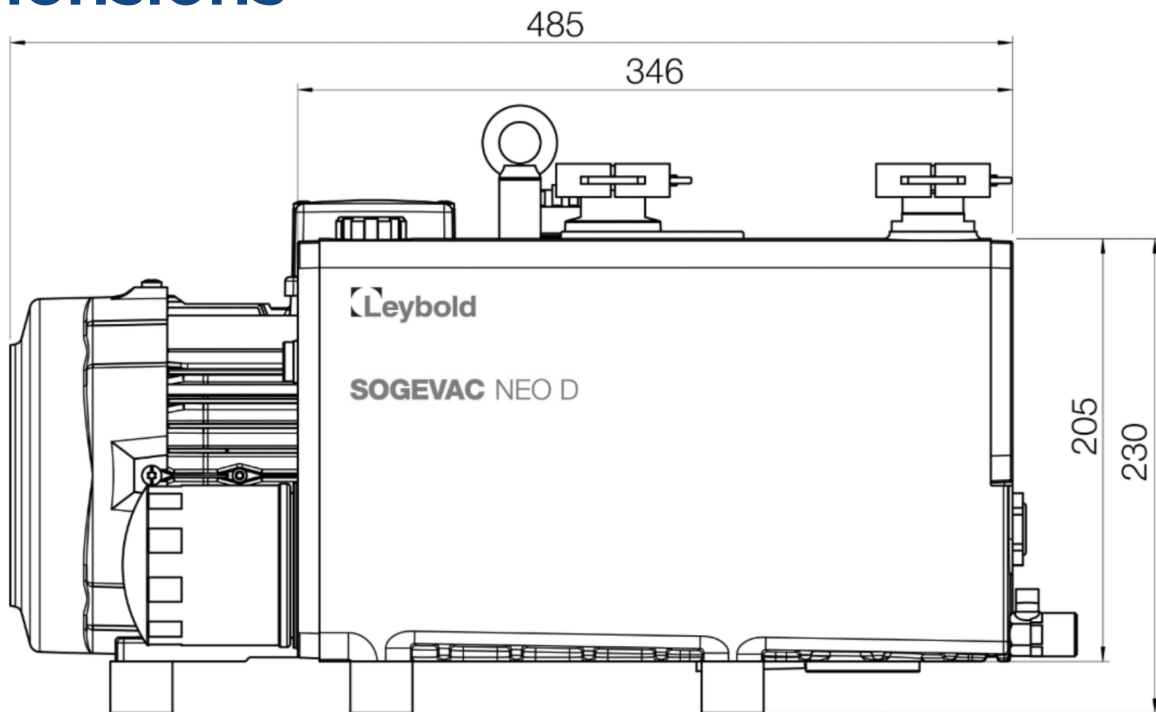
FAX: 831-462-3536

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Leybold NEO D-25 Pumping Curves



Dimensions





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Leybold NEO D-25 Features & Benefits

- maintenance free, up to 3 years in clean applications
- reliable, high performance
- continuous operation at any inlet pressure
- exhaust filter inside the oil casing
- cutting edge shaft seal technology
- flexible interfaces for remote control
- quiet operation
- built-in filtration
- rugged, industrial, compact design

Applications

- analytics • mass spectrometry • glove boxes • sterilization • research & development • heat treatment • plasma processes