



PROVAC

SALES

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Leybold Scrollvac 7, 10, 15, 18 Plus Technical Specifications

SCROLLVAC plus

		7	10	15	18
Rotation speed	rpm	1740			
Max. pumping speed	m ³ /h	6.1	10.6	14.5	20.0
Ultimate vacuum (total pressure)	mbar (Torr)	2×10^{-2} (1.5×10^{-2})	9×10^{-3} (6.5×10^{-3})	9×10^{-3} (6.5×10^{-3})	3×10^{-2} (2.25×10^{-3})
Maximum water vapour pumping rate (with gas ballast)	g/h	100	140	280	220
Maximum continuous inlet pressure	mbar	200			
Mains voltage 1-ph	V	100 – 127, 200 – 240 ($\pm 10\%$)			
Mains voltage 3-ph	V	200 / 380 – 415, 200 – 230 / 460			
Frequency	Hz	50/60			
Motor power (at ultimate pressure)	W	260	280	300	260
Power connector 1-ph		IEC EN60320 C19			
Weight	kg (lb)	26 (58)	25 (56)	26 (58)	25 (56)
Inlet flange		DN 25 ISO-KF			
Exhaust flange		DN 25 ISO-KF			
Noise level	dB(A)	55			
Leak tightness (Static)	mbar x l/s	1×10^{-6}			
Operating temperature range	°C (°F)	10 to 40 / 41 to 104			





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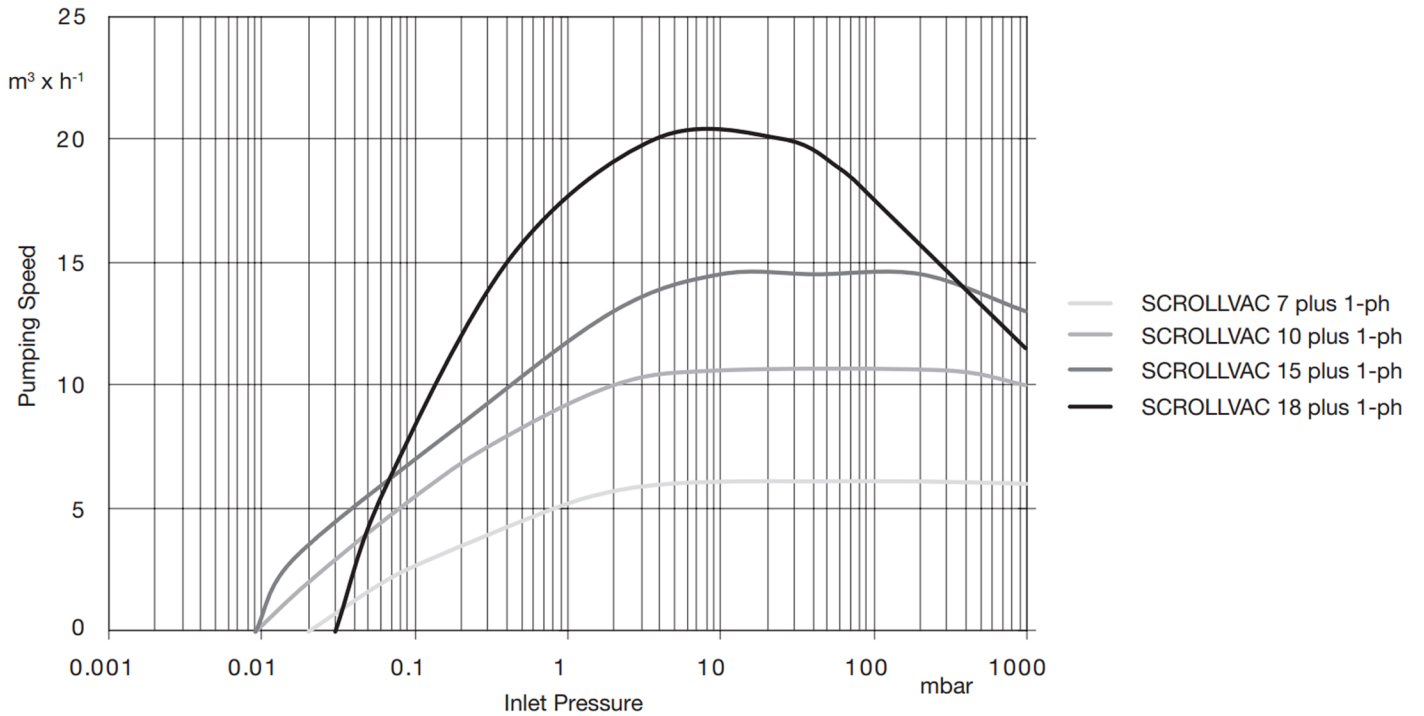
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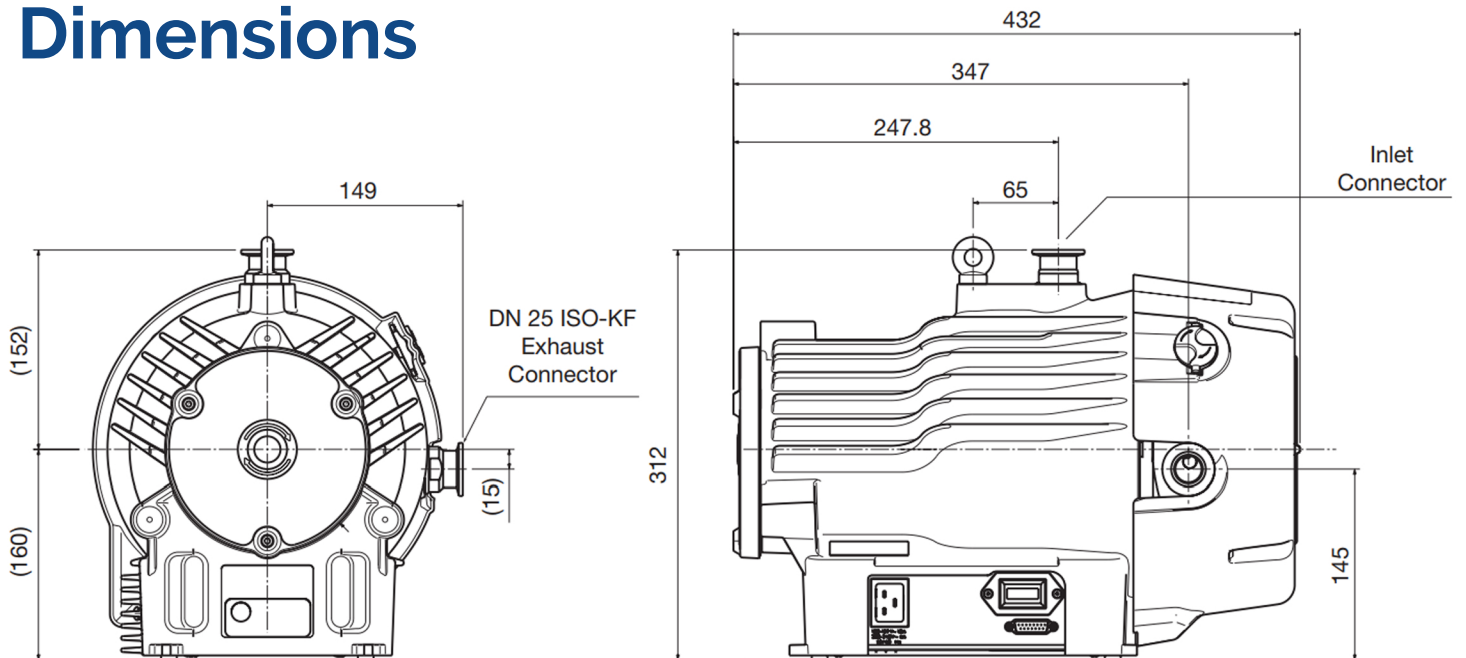
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Leybold Scrollvac 7, 10, 15, 18 Plus Pumping Curves



Dimensions





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Leybold Scrollvac 7, 10, 15, 18 Plus Features & Benefits

- no oil contamination
- hermetic seals on rotating parts from pumping chamber
- universal voltage supply
- gas ballast switch
- quiet air cooling
- integrated anti-suckback valve
- control panel for convenient access to pump functions
- integrated hours counter
- compact & lightweight design permits simple integration
- long service intervals, easy maintenance

Applications

- general clean pumping applications • scanning electron microscopes
- beam lines • high energy physics • research & development • backing turbo pumps • ultra-high speed centrifuges • chamber evacuation
- chemical applications • gel dryers • solvent recovery