



Leybold SV-300B

Technical Specifications

		50 Hz	SV 300 B	60 Hz
Nominal pumping speed	m ³ x h ⁻¹	280		340
Pumping speed (according to PNEUROP)	m ³ x h ⁻¹	240		290
Ultimate partial pressure without gas ballast	mbar	≤ 8·10 ⁻²		
Ultimate total pressure with standard gas ballast	mbar	≤ 0.7		
Water vapor tolerance with standard gas ballast, max.	mbar	6.0		8.0
Motor power	kW	5.5		6.3
Rated rotational speed	min ⁻¹	1450		1750
Noise level	dB (A)	70		74
Protection class		IP-55 F		
Leak rate	mbar·l·s ⁻¹	≤ 1·10 ⁻³		
Oil filling capacity (min./max.)	l	8.5 / 11.5		
Oil type		LEYBONOL LVO 130 / LVO 210		
Net weight (with oil filling)	kg	220		225
Ambient temperature	°C	12 - 40		
Intake connection		G2"		
Exhaust connection		G2"		





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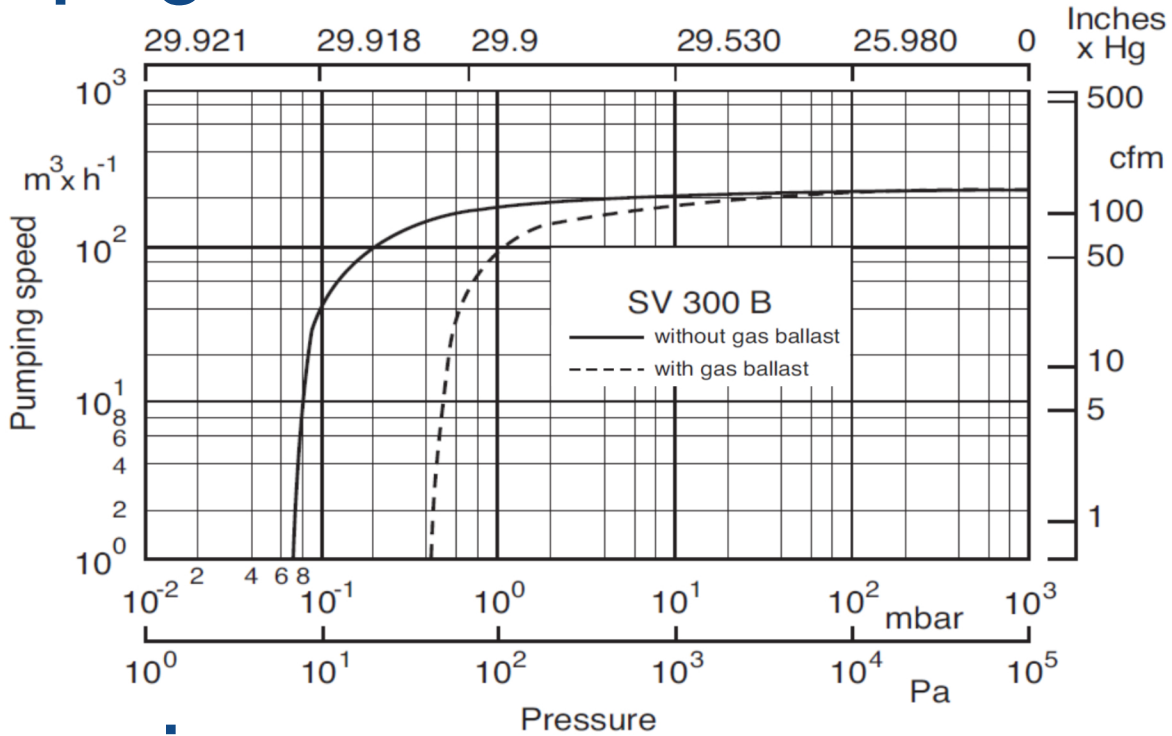
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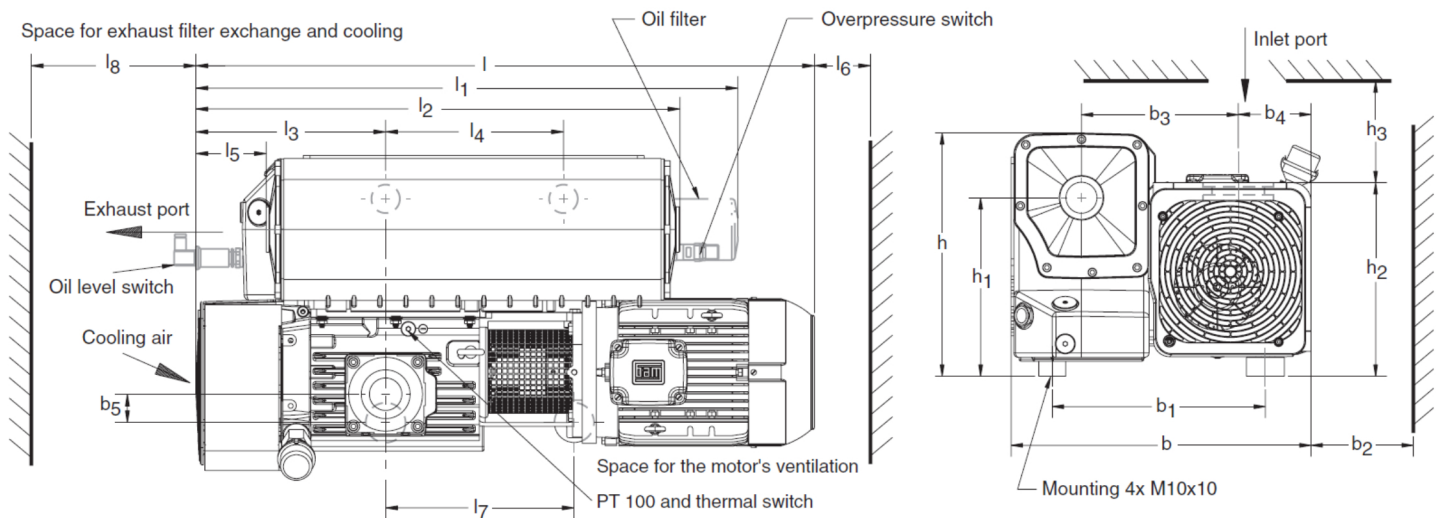
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Leybold SV-300B Pumping Curves



Dimensions



Type	l	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	b	b ₁	b ₂	b ₃	b ₄	b ₅	SV 300 B	1)	2)	
SV 300 B	mm	954	852	334	313	124	150	332	350	555	394	250	290	135	50	Europe	mm	1090	360
	in.	37.56	33.54	13.15	12.32	4.88	5.91	13.07	13.78	21.85	15.51	9.84	11.42	5.31	1.97		in.	42.91	14.17
	mm	h	h ₁	h ₂	h ₂											US	mm	1145	360
	in.	17.72	12.99	9.84													in.	45.10	14.17



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Leybold SV-300B Features & Benefits

- integrated exhaust filter
- integrated oil recovery system & anti suckback valve
- extremely low noise level
- high reliability
- different gas ballast versions available
- improved ultimate pressure stability
- low operating temperature
- low maintenance intervals
- pot design vacuum generation
- internal transfer lubrication

Applications

- vacuum coating • chemistry/pharmaceuticals • metallurgy/furnaces
- automotive industry • electrical/mechanical/plant/environmental engineering • medicine technology • freeze drying systems • food industry • power engineering/district heating • cleaning • packaging