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Leybold S-16B, S-25B

Technical Specifications

	<i>50 Hz operation, SI units</i>		
		S 16 B	S 25 B
Nominal pumping speed*	$m^3 \cdot h^{-1}$	18.9	29.5
Pumping speed*	$m^3 \cdot h^{-1}$	16.5	25.77
Ultimate partial pressure without gas ballast*	mbar	$< 2,5 \cdot 10^{-2}$	$< 2,5 \cdot 10^{-2}$
Ultimate total pressure with gas ballast*	mbar	$< 6,5 \cdot 10^{-1}$	$< 6,5 \cdot 10^{-1}$
Water vapour tolerance*	mbar	40	40
Connection ports	DN	25 KF	25 KF
Oil filling min./max.	cm^3	550/1000	550/1300
Type of protection	IP	54	54
Weight ¹⁾	kg	23	27

* as per DIN 28 400 and following numbers

1) Weight for the version with three-phase motor

218-242/380-420 V, 50 Hz
240-277/415-460 V, 60 HZ

Applications

- vacuum coating • research and development • chemistry pharmaceuticals • lamps/tubes manufacturing • analytical/ environment engineering • cooling and air conditioning • electrical/ mechanical engineering • medicine technology • vacuum drying cabinets • chemistry and research labs • freeze-drying systems
- backing pump for high vacuum pump systems



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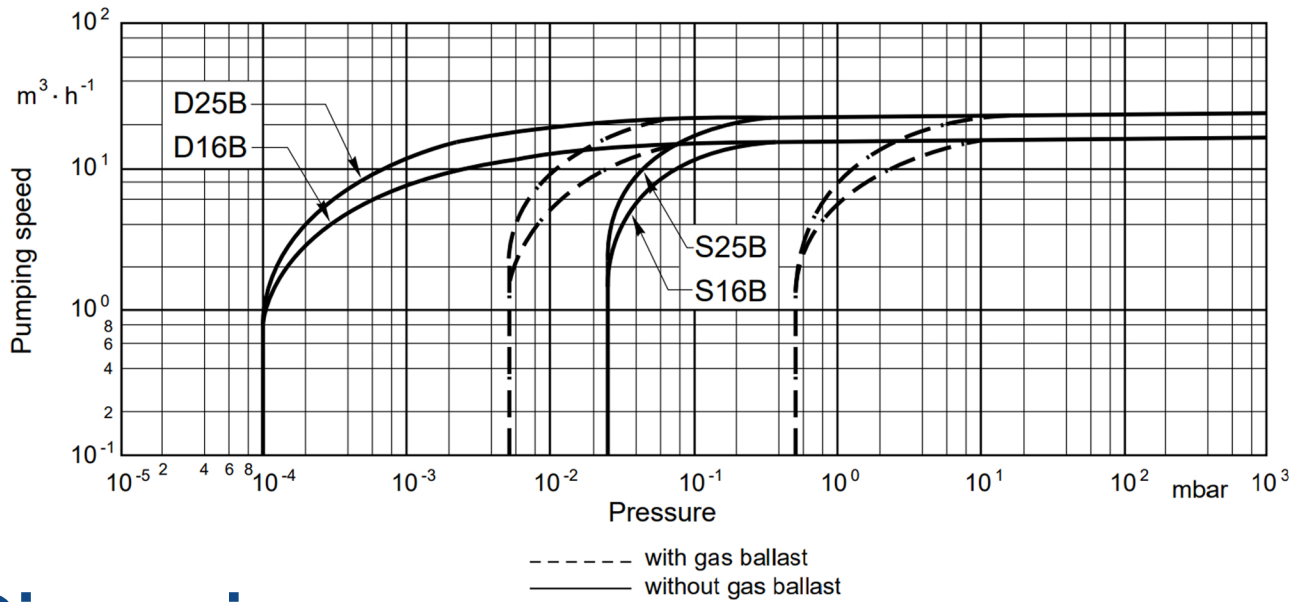
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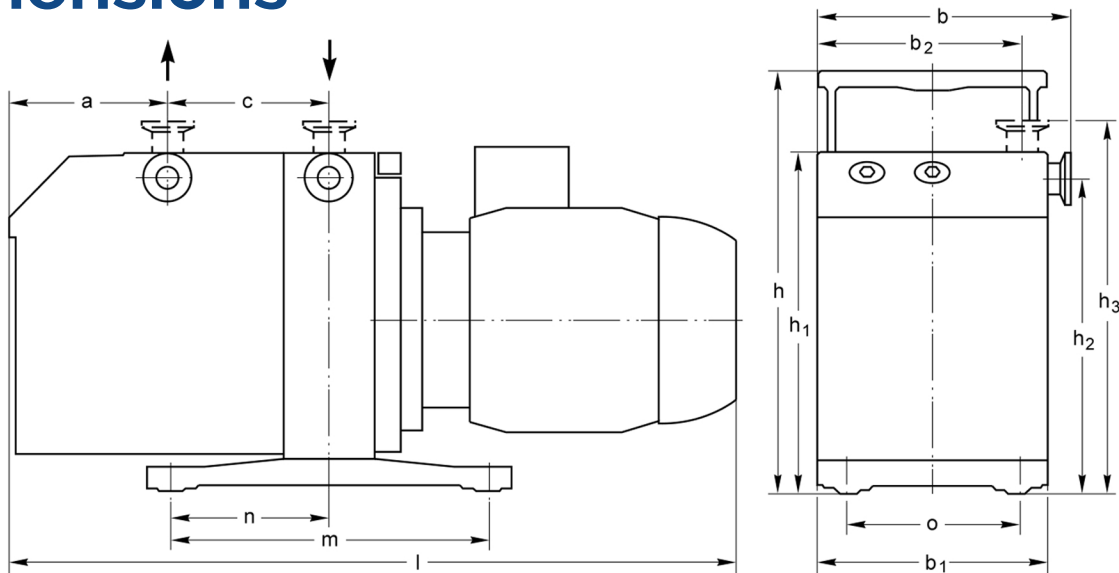
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Leybold S-16B, S-25B Pumping Curves



Dimensions



		a	b	b ₁	b ₂	c	h	h ₁	h ₂	h ₃	m	n	o
S/D 16 B	1 ~, 50 Hz		193		153								
	3 ~, 50 Hz	82	190	175	150	135	298	250	226	263	280	140	132
	1 ~ / 3 ~, 60 Hz		193		150								
S 25 B	1 ~, 50 Hz		193		153								
	3 ~, 50 Hz	82	190	175	150	135	298	250	226	263	280	140	132
	1 ~ / 3 ~, 60 Hz		193		150								