



Leybold Divac 0.6L, 1.2L, 2.2L

Technical Specifications

		0.6 L	1.2 L	2.2 L
Max. pumping speed (atm.)	m ³ x h ⁻¹ (cfm)	0.6 (0.4)	1.2 (0.7)	2.0 (1.2)
Ultimate pressure	mbar (Torr)	≤ 8 (≤ 6)	≤ 8 (≤ 6)	≤ 8 (≤ 6)
Max. exhaust back pressure (absolute)	mbar (Torr)	2000 (1500)	2000 (1500)	2000 (1500)
Pump heads		2	2	2
Connection				
Inlet (suction side)	DN	Hose nozzle ID 10	Hose nozzle ID 10	Hose nozzle ID 10
Exhaust (delivery side)	DN	Hose nozzle ID 10	Hose nozzle ID 10	Hose nozzle ID 10
Thread (suction and delivery side)	G	G 1/8"	G 1/4"	G 1/4"
Noise level acc. to DIN 45 635 Part 13, approx.	dB(A)	47	50	52
Permissible gas admission temperature, max.	°C (°F)	+5 to +40 (+41 to +104)	+5 to +40 (+41 to +104)	+5 to +40 (+41 to +104)
Permissible ambient temperature, max.	°C (°F)	+5 to +40 (+41 to +104)	+5 to +40 (+41 to +104)	+5 to +40 (+41 to +104)
Voltage / nominal frequency (1 ph. motor)				
Schuko plug	V / Hz	230 ± 10% / 50	230 ± 10% / 50	230 ± 10% / 50
NEMA plug	V / Hz	115 ± 10% / 60	115 ± 10% / 60	115 ± 10% / 60
NEMA plug	V / Hz	100 ± 10% / 50/60	100 ± 10% / 50/60	100 ± 10% / 50/60
Protective class	IP	44	44	44
Motor power ¹⁾	W	90	120	245
Current consumption ¹⁾	A	0.6	0.7	1.8
Motor speed				
50 Hz	min ⁻¹	1500	1500	1500
60 Hz	min ⁻¹	1800	1800	1800
Dimensions (W ¹⁾ x H ¹⁾ x D), approx.	mm (in.)	281 x 140 x 187 (11.06 x 5.51 x 7.36)	312 x 154 x 207 (12.28 x 6.06 x 8.15)	341 x 166 x 226 (13.43 x 6.54 x 8.9)
Weight, approx.	kg (lbs)	6.9 (15.2)	9.3 (20.5)	12.6 (27.8)
Material				
Pump head		PTFE (Teflon)	PTFE (Teflon)	PTFE (Teflon)
Structured diaphragm		PTFE coated	PTFE coated	PTFE coated
Valves		FFPM (Kalrez)	FFPM (Kalrez)	FFPM (Kalrez)
Nozzles		PVDF (Solef)	PVDF (Solef)	PVDF (Solef)



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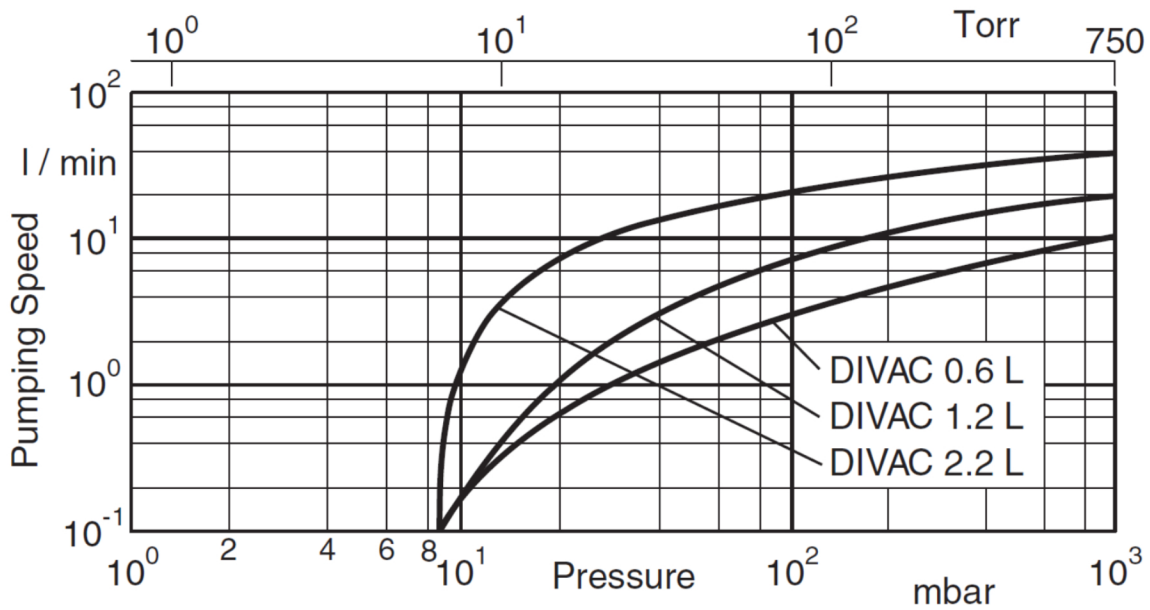
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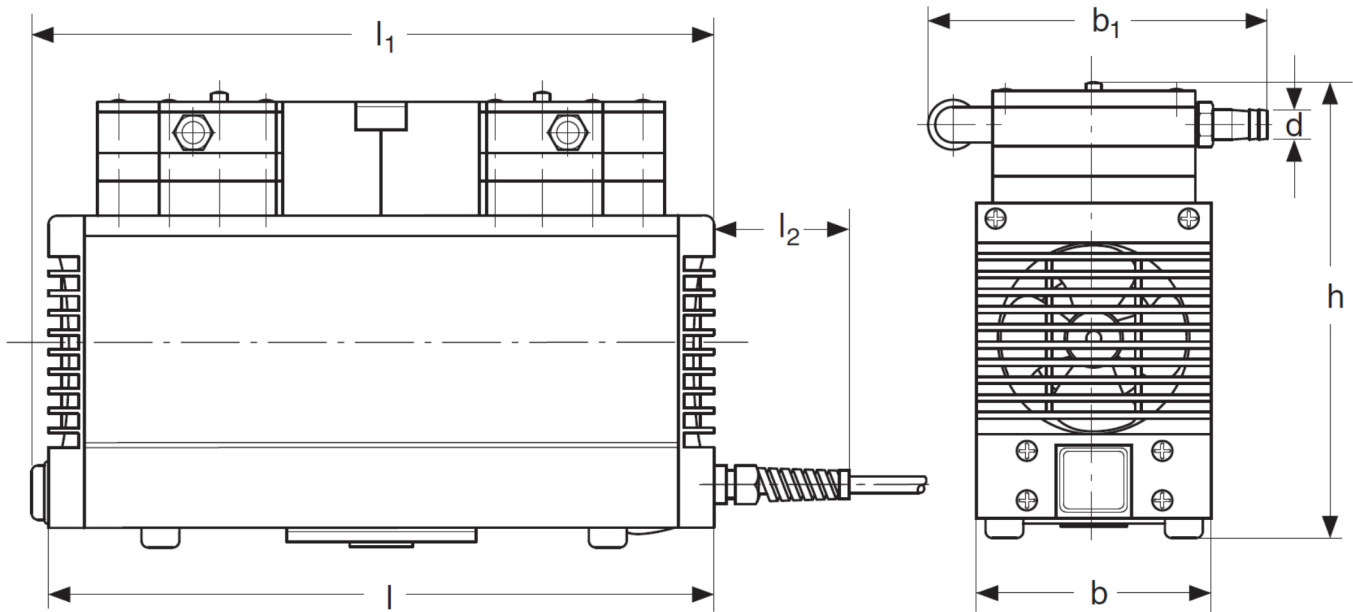
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Leybold Divac 0.6L, 1.2L, 2.2L Pumping Curves



Dimensions



Type	b	b_1	$\varnothing d$	(Turned out)	h	l	l_1	l_2	
DIVAC 0.6 L	mm	98	140	10	G 1/8"	187	273	281	55
	in.	3.86	5.51	0.39	G 1/8"	7.36	10.75	11.06	2.17
DIVAC 1.2 L	mm	110	159	10	G 1/4"	207	304	312	59
	in.	4.33	6.26	0.39	G 1/4"	8.15	11.97	12.28	2.32
DIVAC 2.2 L	mm	122	171	10	G 1/4"	226	334	341	59
	in.	4.8	6.73	0.39	G 1/4"	8.9	13.15	13.43	2.32



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Leybold Divac 0.6L, 1.2L, 2.2L Features & Benefits

- newly developed automatic drying system
- used in applications where very moist/wet gas needs to be pumped over extended periods of time
- constant pumping speed
- basically corrosion & solvent resistant
- dry compressing, oil-free
- very high water vapor tolerance
- low maintenance costs & long service intervals
- low noise operation
- portable, compact, small footprint
- can be operated in any orientation
- overheat protection via thermofuse

Applications

- vacuum filtration • vacuum distillation • vacuum drying • extracting & transferring gases • rotary evaporators • gel drying • steam sterilization • analysis preparation • sublimation