

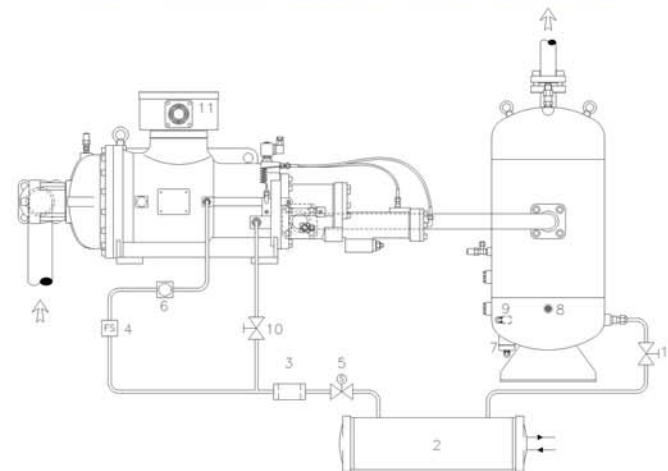
Technical Data LA

MODEL	COMPRESSOR				MOTOR							Hydrostatic Pressure Test		WEIGHT kg		
	Displacement 60 / 50Hz	Rated Speed 60 / 50Hz	VI	Cap. Control (%)		Type	Nominal Hp		Starting-Up	Voltage (V)		Insulation	Protection		Kg/cm2G	kg
				STEP	STEPLESS		60Hz	50Hz		60Hz	50Hz					
LA-90	109/90	3550/2950	2.2	33, 66, 100	33-100	3 Phase, 2 Pole, Squirrel Cage, Induction Motor	33	27	Y-Δ	208 220 230 380 440 460 480 575	Class F	PTC Protection	42	190		
LA-110	129/107						39	32							PWS DOL	
LA-120	146/122						45	37								
LA-140	172/144						53	44								
LA-170	202/168						62	52								
LA-200	235/196						74	62								
LA-230	270/225						85	71								
LA-250	304/253						93	77								
LA-280	336/280						101	84								
LA-310	371/308						110	91								
LA-340	407/339						121	101								
LA-370	440/366						130	108								
LA-410	490/407						146	121								
LA-470	567/471						170	141								
LA-510	611/508						183	152								
LA-550	660/549						195	162								
LA-580	702/583						210	175								
LA-620	745/619						220	183								
LA-710	858/713						250	208								
LA-790	952/791						276	230								
LA-830	993/825	290	234													
LA-930	1117/929	334	278													
LA-1090	1310/1089	402	335													
LA-1280	1535/1276	471	392													
LA-1520	1832/1523	534	443													

Number of clockwise turns and corresponding volume ratio in models LA-90 ~ LA-280

Turns	0	2	4	6	8	10	12	14	16	18	20	22	24
VI(LA-90)	2.2	2.37	2.58	2.84	3.15	3.61	4.17	4.77	-				-
VI(LA-110)	2.2	2.33	2.49	2.68	3.09	3.53	4.11	4.74	-				-
VI(LA-120)	2.2	2.34	2.5	2.68	3.07	3.53	4.07	4.75	-				-
VI(LA-140)	2.2	2.31	2.44	2.59	2.84	3.14	3.46	3.83	4.30	4.75			
VI(LA-170)	2.2	2.30	2.41	2.53	2.80	3.12	3.45	3.80	4.23	4.71			
VI(LA-200)	2.2	2.33	2.49	2.67	2.9	3.2	3.62	4.17	4.77				
VI(LA-230)	2.2	2.32	2.46	2.62	2.84	3.14	3.55	4.1	4.75				
VI(LA-250)	2.2	2.2	2.2	2.31	2.43	2.62	2.84	3.09	3.38	3.71	4.03	4.39	4.76
VI(LA-280)	2.2	2.3	2.41	2.52	2.66	2.81	3.0	3.22	3.48	3.76	4.06	4.41	4.77

Recommended installation of lubricant circuit



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|---------------------------|---------------------------|
| 1. External oil separator | 7. Oil level switch |
| 2. Oil cooler | 8. Oil temperature sensor |
| 3. Oil filter | 9. Oil heater |
| 4. Lubricant flow switch | 10. Stopvalve |
| 5. Solenoid valve | 11. Compressor |
| 6. Sight glass | |