FL--AL

Liquid ring pump





APLICATIONS

The liquid ring pumps FL--AL have been designed for transferring and handling of clean fluids, fluids without any suspended solid particles. This kind of pumps, which are self-priming and reversible, can work with a wide range of products and fields like, wine and oils industry (wines, must, vinegar and olive oil), lactic products industry (milk, whey, etc.) and chemical industry (acids, solvents, detergents, inks, etc.).

CHARACTERISTICS

DIN 11851 connections
Level of finish: Industrial / Food grade
Hygienic seal

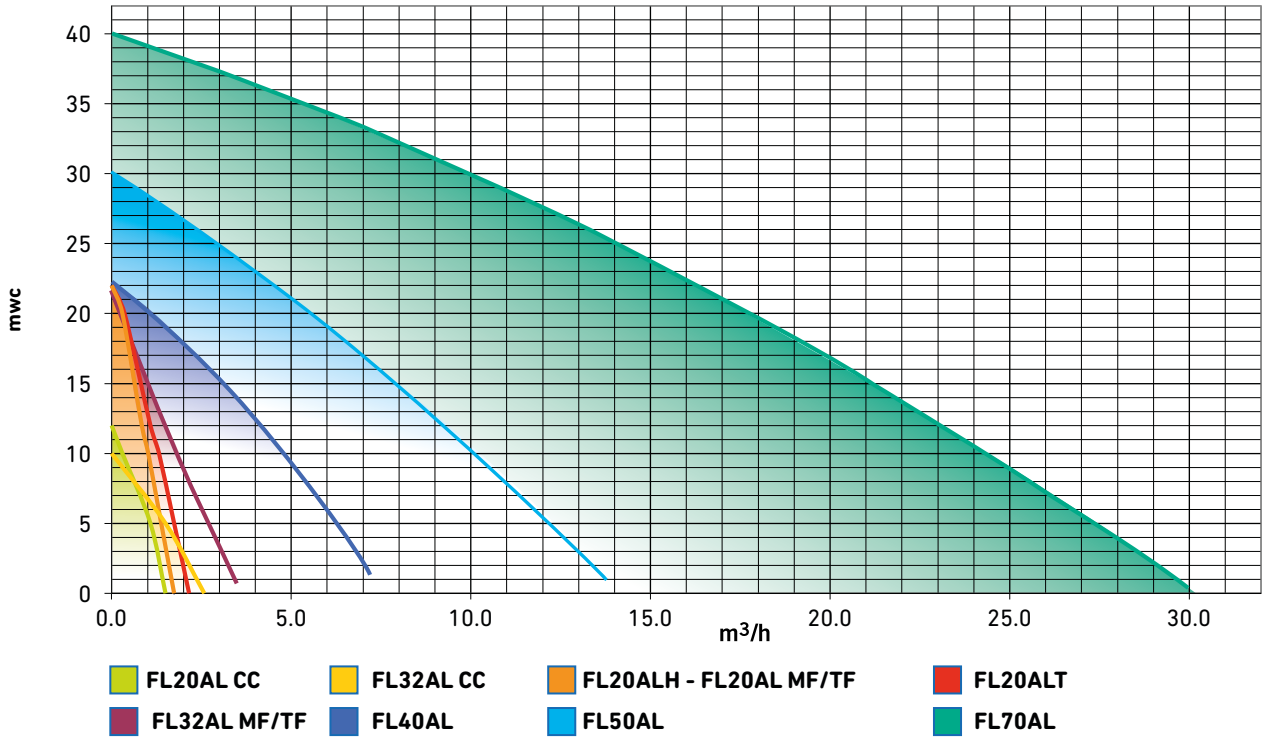
MATERIALS

Parts in contact with the fluid in SS AISI 316
NBR gaskets
Mechanical seal C/C/N

OPCIONES

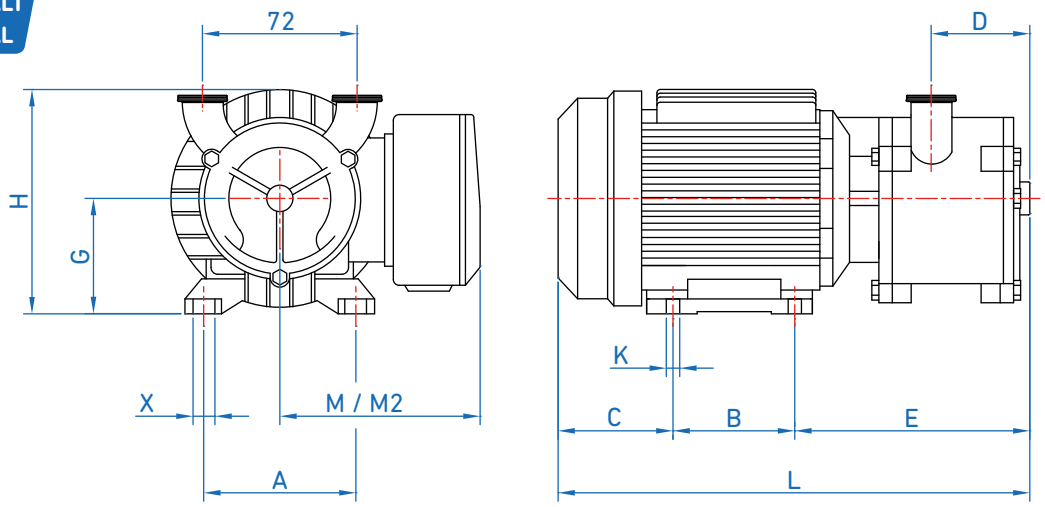
Other connections: BSP, SMS, GAROLLA,RJT, MACON, etc.
Control panel
Mechanical seal S/S/V
Viton gaskets
Trolley, Platform

PERFORMANCE CURVES FL--AL

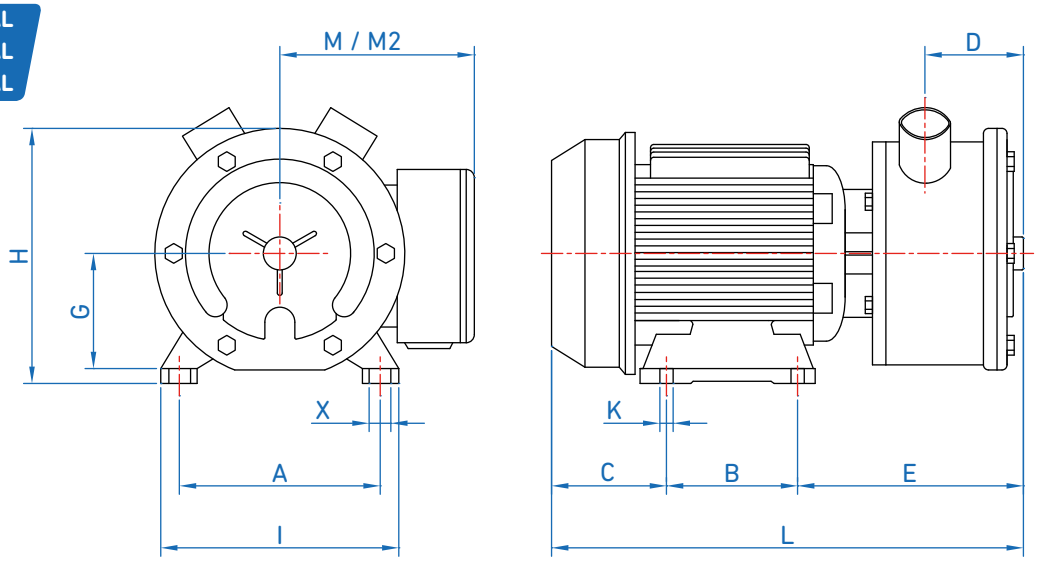


DIMENSIONS OF THE FL--AL MODEL

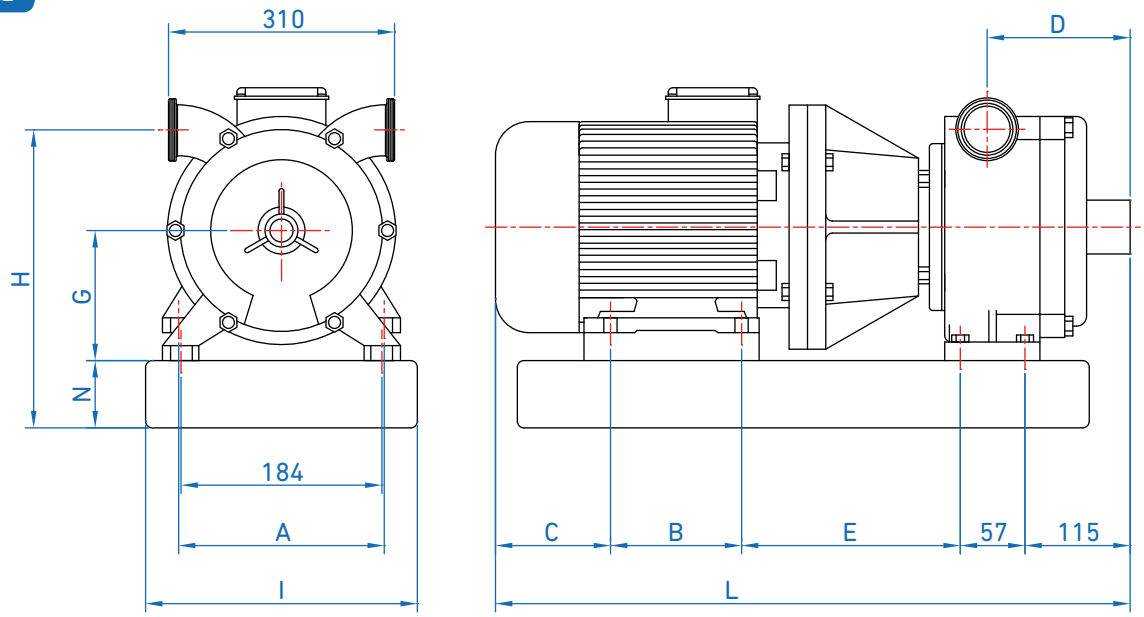
FL20ALH
FL20ALT
FL20AL



FL32AL
FL40AL
FL50AL



FL70AL



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DIMENSIONS OF THE FL--AL MODEL

MODEL	RACCORD	MOTOR	DIMENSIONS (mm)												
				B	C	D	E	G	H	I	K	L	M**	M2*	X
FL20ALH	DN20	MF	90	71	73	37	107	56	113	-	5.5	251	110	-	8
FL20AL	DN 20	CC	100	80	100	34	115	71	123	-	7	295	-	110	12
		MF/TF	90	71	73	34	107	56	113	-	5.5	251	135	100	8
FL32AL	DN 32	CC	112	90	102	50	168	71	137	136	8	360	-	110	12
		MF/TF	112	90	78	50	168	71	137	136	8	336	145	110	12
FL40AL	DN 40	CC	140	125	185	76	190	90	165	175	10	500	-	130	17.5
		MF/TF	125	100	90	76	170	80	165	155	10	360	155	125	17.5
FL50AL	DN 50	CC	140	125	137	94	185	90	193	175	10	447	-	-	17.5
		MF/TF	140	125	100	94	215	90	193	175	10	440	160	130	17.5
FL70AL	DN65	TF 5.5 kW	190	140	148	144	245	128	306	280	11	705	-	-	18
	DN65	TF 7.5 kW	216	178	155	144	280	156	334	280	11	785	-	-	18

MODEL	MOTOR (*)	HP	kW	VOLTAGE	WEIGHT	RPM	HEAD (m.w.c)								FLOW
							(Kg)	Rpm	10	15	20	22	30	40	
FL20ALH	MF	0.6	0.45	230V	4.9	2800	1.74	1.38	1.02	0.84	0.60	0			Q (m^3/h)
FL20ALT	CC	0.6	0.45	12V/26A	4.7	3000	2.16	1.80	1.20	1.02	0.18	0			
				24V/14A											
FL20AL	CC	0.45	0.33	12V/26A	4.7	2000	1.50	1.08	0.30	0					
				24V/14A											
	MF	0.3	0.22	230V	5.1	2800	1.74	1.38	1.02	0.84	0.60	0			
	TF	0.35	0.26	230-400V	5.1	2800	1.74	1.38	1.02	0.84	0.60	0			
					4.7										
FL32AL	CC	0.5	0.37	12V/32A	9.1	2000	2.58	1.5	0						
		0.5	0.37	24V/20A	9.3	2000	2.58	1.5	0						
	MF	0.6	0.45	230V	9.5	2800	3.48	2.82	2.04	1.14	0.3	0			
	TF	0.75	0.56	230-400V	9.6	2800	3.48	2.82	2.04	1.14	0.3	0			
					8.7										
FL40AL	CC	1.5	1.12	24V/45A	19.9	1400	7.2	6.6	5.1	3.3	1.8	0			
	MF	1	0.75	230V	15.9	1400	7.2	6.6	5.1	3.3	1.8	0			
		1.5	1.12	230V	17.5	1400	7.2	6.6	5.1	3.3	1.8	0			
	TF	1	0.75	230-400V	15.6	1400	7.2	6.6	5.1	3.3	1.8	0			
		1.5	1.12	230-400V	17.6	1400	7.2	6.6	5.1	3.3	1.8	0			
					16.9										
FL50AL	CC	2	1.5	24V/105A	35.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
	MF	2.5	1.86	230V	27.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
	TF	2.5	1.86	230-400V	26.5	1400	13.8	12.6	10.5	8.4	5.4	5.1	0		
		2.5	1.86	230-400V	26.0	1400									
FL70AL	TF	7.5	5.5	230-400V	75.0	1400	30	27.6	24.9	22.2	17.7	16.8	9.9	0	
		10	7.5	230-400V	87.0	1400	30	27.6	24.9	22.2	17.7	16.8	9.9	0	

(*) MF = Single-phase / TF = three-phase / CC = direct current

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