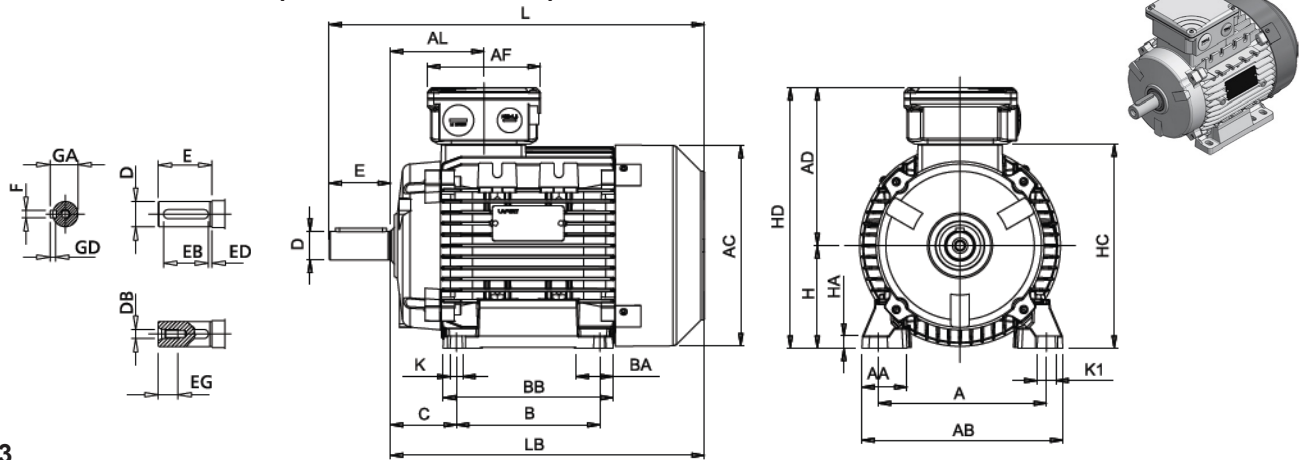


IM B3 / IM B14 / IM B5 (Aluminum Frame) Dimensions



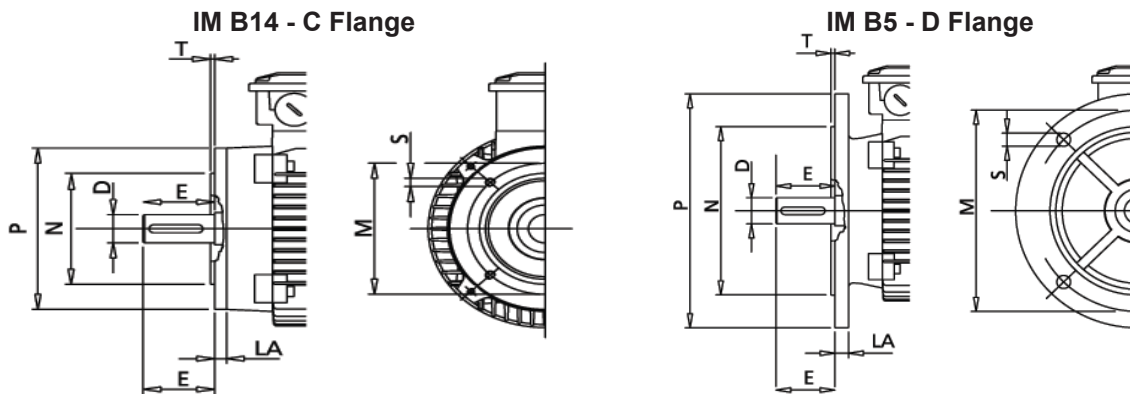
IM B3

H (Frame)	A	B	C	K <sup>1)</sup>	AB	BB	AD <sup>2)</sup>	HD <sup>2)</sup>	AC	HC	HA	K1	L
71	112	90	45	8.0	135	108	114	185	142	142	9	17	245
90 S/L	140	100/125	56	10.0	170	150	148	238	177	181	11	15	317
112 M	190	140	70	12.5	220	176	171	283	225	226	15	19	388
112 XL	190	140	70	12.5	220	176	171	283	225	226	15	19	410
132 M	216	178	89	12.0	256	218	195	327	248	261	17	20	485
132 XL	216	178	89	12.0	256	218	195	327	248	261	17	20	505
132 XXL	216	178	89	12.0	256	218	195	327	248	261	17	20	556
160 M	254	210	108	14.0	320	270	238	398	317	316	23	18	608
160 L	254	254	108	14.0	320	310	238	398	317	316	23	18	652

H (Frame)	LB	AL	AF	BA	AA	D	E	F	GD	GA	DB <sup>3)</sup>	EG	EB	ED
71	215	75	93	22	30	19 j6	40	6	6	22	M6	16	30	4
90 S/L	267	85	110	28/53	37	24 j6	50	8	7	27	M8	19	40	4
112 M	328	92	110	46	48	28 j6	60	8	7	31	M10	22	50	4
112 XL	350	92	110	46	48	28 j6	60	8	7	31	M10	22	50	4
132 M	405	122	133	45	59	38 k6	80	10	8	41	M12	28	70	4
132 XL	425	122	133	45	59	38 k6	80	10	8	41	M12	28	70	4
132 XXL	476	122	133	45	59	38 k6	80	10	8	41	M12	28	70	4
160 M	498	146	150	65	76	42 k6*	110	12*	8*	45*	M16	36	100	4
160 L	542	168	150	65	76	48 k6	110	14	9	51.5	M16	36	100	4

\* For HPS 160M in 18.5kW, please refer to HPS 160L dimension

1) Clearance hole for screw 2) Maximum dimension 3) Centering holes in shaft extensions to DIN 332 part 2



Frame	B14 FLANGE						INCREASING B14 FLANGE						B5 FLANGE					
	P	N	LA	M	T	S <sup>1)</sup>	P	N	LA	M	T	S <sup>1)</sup>	P	N	LA	M	T	S <sup>1)</sup>
71	105	70	11	85	2.5	M6	140	95	8	115	3	M8	160	110	10	130	3.5	M8
90 S/L	140	95	10	115	3.0	M8	160	110	9	130	3.5	M8	200	130	12	165	3.5	M10
112 M/XL	160	110	10	130	3.5	M8	200	130	12	165	3.5	M10	250	180	14	215	4.0	M12
132 M/XL/XXL	200	130	23	165	3.5	M10	250	180	12	215	4	M12	300	230	14	265	4.0	M12
160 M/L	250	180	20	216	4.0	M12	300	230	12	265	5	M16	350	250	15	300	5.0	M16

Permanent Magnet Motors require oversized bearing flanges. Please contact a Lafert N.A sales representative for price and availability.