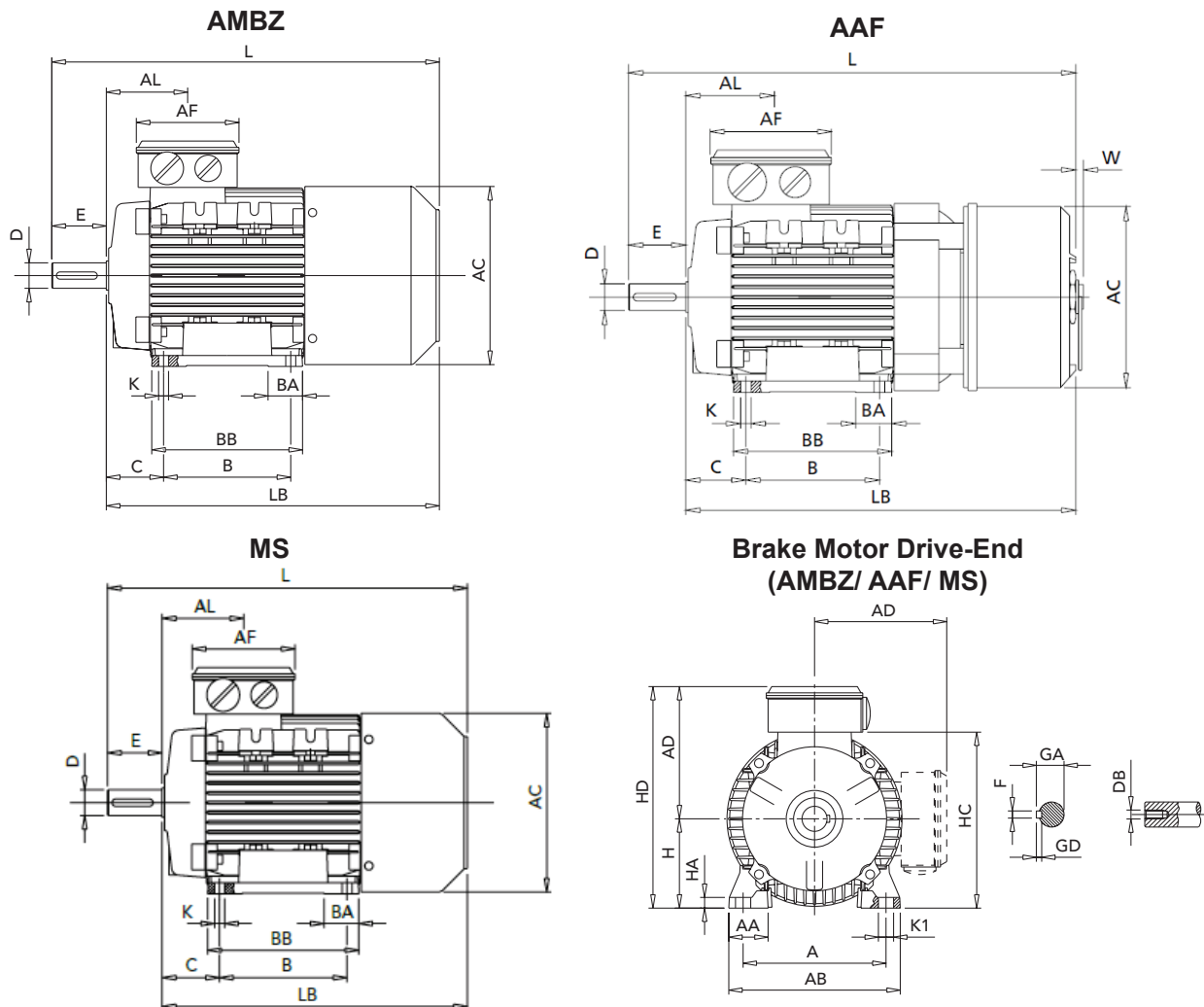


IM B3 Dimensions (Aluminum Frame)

See page 29 for B14 & B5 flange dimensions



IM B3

All dimensions in mm

AMBZ / MS - manual release lever optional (at side of motor)
AAF - manual release key included (at rear of motor)

Frame																										AMBZ			AAF				MS		
H	A	B	C	K ⁽¹⁾	AB	BB	AD ⁽²⁾	HD ⁽²⁾	HC	HA	K1	AL	AF	BA	AA	D	E	F	GD	GA	DB ⁽³⁾	AC	L	LB	AC	L	LB	W	AC	L	LB				
63	100	80	40	7	120	100	96	159	120	8	11	63	92	29	30	11	23	4	4	12.5	M4	124	267	244	126	302	279	6	124	226	203				
71	112	90	45	8	135	108	110	181	142	8	11	69	92	28	31	14	30	5	5	16	M5	138	300	270	142	336	306	5	139	255	225				
80	125	100	50	10	153	125	129	208	161	9.5	14	79	116	29	35	19	40	6	6	21.5	M6	156	350	310	160	384	344	5	157	294	254				
90S	140	100	56	10	170	150	137	227	180	11	15	85	116	53	37	24	50	8	7	27	M8	178	403	353	179	435	385	4	177	340	290				
90L	140	125	56	10	170	150	137	227	180	11	15	85	116	53	37	24	50	8	7	27	M8	178	403	353	179	435	385	4	177	340	290				
100	160	140	63	11	192	166	144	244	197	12	17	91	116	38	44	28	60	8	7	31	M10	192	465	405	197	479	419	6	196	379	319				
112	190	140	70	12.5	220	176	160	272	225	15	19	92	116	46	48	28	60	8	7	31	M10	222	487	427	224	507	447	6	222	396	336				
132S	216	140	89	12	256	180	194	326	261	17	20	100	133	45	59	38	80	10	8	41	M12	259	592	512	263	613	533	8	248	480	400				
132M	216	178	89	12	256	218	194	326	261	17	20	120	133	45	59	38	80	10	8	41	M12	259	612	532	263	633	553	8	248	500	420				
160M	254	210	108	14	320	270	237	397	317	23	18	146	150	65	76	42	110	12	8	45	M16	316	721	611	258	784	674	-	316	614	504				
160L	254	254	108	14	320	310	237	397	317	23	18	168	150	65	76	42	110	12	8	45	M16	316	763	653	258	806	696	-	316	658	548				
160L ⁽⁴⁾	254	254	108	14	320	310	237	397	317	23	18	168	150	65	76	42	110	12	8	45	M16	316	790	680	-	-	-	-	-	-	-				

MS Compact brake motor non-drive end shaft is not standard size - Please inquire.

1) Clearance hole for screw

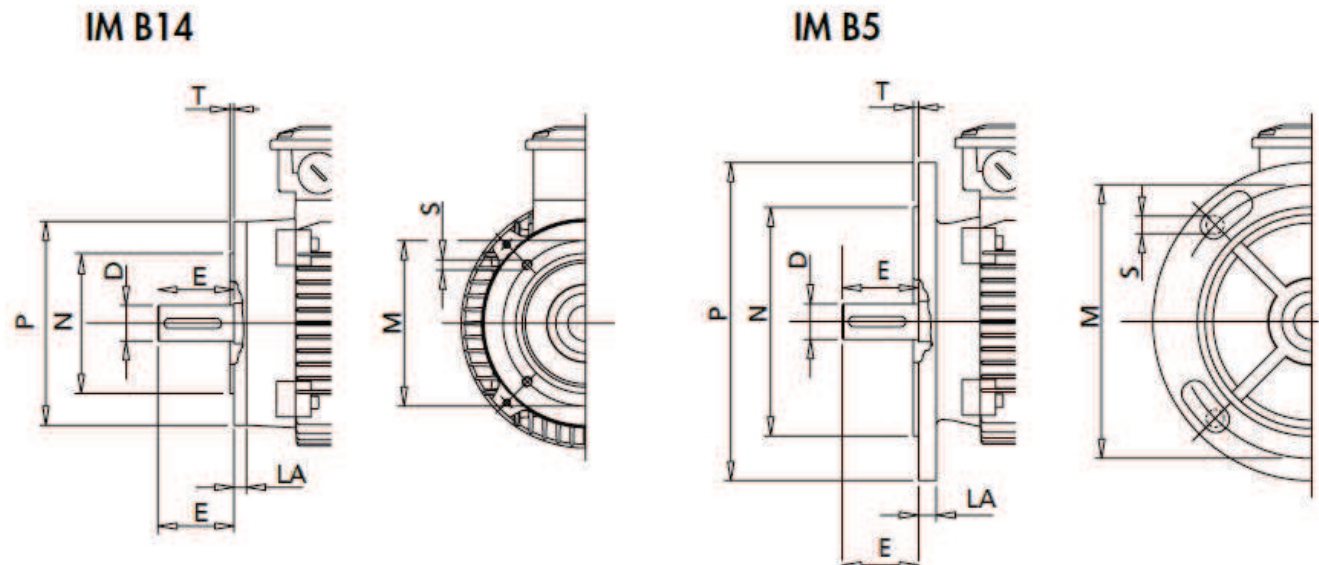
2) Maximum dimension

3) Centering holes in shaft extensions to SIN 332 part 2

4) Only for LR A4

IM B14 / IM B5 - Flange Dimensions

See page 25-28 for motor dimensions



IM B14 - C Flange & IM B5 - D Flange
All dimensions in mm

M = Center to center bolt hole circle
N = Spigot diameter
P = Outside diameter

Frame	B14						B14 Reduced Frame	B14 Increased Frame	B5						B5 Reduced Frame	B5 Increased Frame
	M	N	P	S	T	LA			M	N	P	S	T	LA		
56	65	50	80	M5	2.5	8	-	63	100	80	120	7	2.5	7	-	-
63	75	60	90	M5	2.5	8	56	71/80	115	95	140	9.5	3	8	56	71
71	85	70	105	M6	2.5	8	63	80/90	130	110	160	9.5	3.5	10	63/56*	80/90
80	100	80	120	M6	3	9	71/63	90/100	165	130	200	11.5	3.5	10	71/63	-
90	115	95	140	M8	3	9	80/71	100/112	165	130	200	11.5	3.5	12	71*	-
100	130	110	160	M8	3.5	10	90	132	215	180	250	14	4	14	90/80/71*	-
112	130	110	160	M8	3.5	10	90	132	215	180	250	14	4	14	90*/**	-
132	165	130	200	M10	3.5	30	112/100	-	265	230	300	14	4	14	112*	-
160	215	180	250	M12	4	12	132***	-	300	250	350	18	5	15	132***	-

* May require windings pressed at additional cost

** Shaft machining required at additional cost

*** If frame is 160L: shaft extension is required.

If frame is 160M: shaft extension and bearing repositioning is required