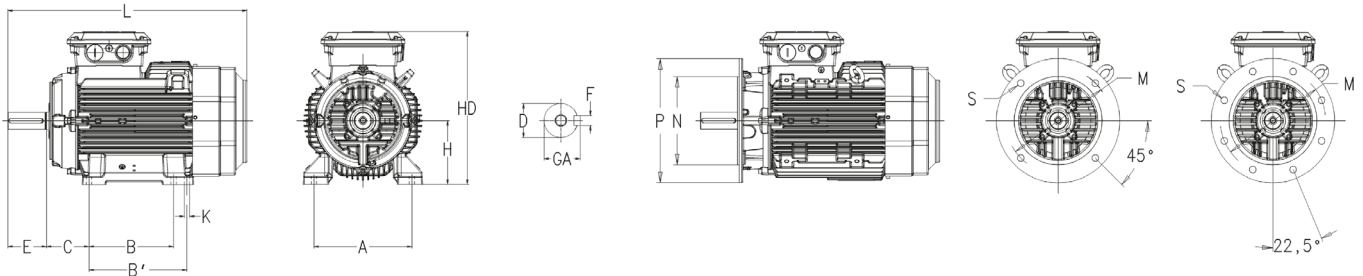


Dimension drawings

Process performance IE3 aluminum motors



Foot-mounted motor IM1001, B3 and flange-mounted motor IM3001, B5

Motor size	Poles	D	GA	F	E	L max	A	B	B1	HD	HD	K	M	N	P	S
80	MB2, MC2	19	21.5	6	40	265.5	125	100		50	193.5	10	165	130	200	12
80	ME4	19	21.5	6	40	293.5	125	100		50	193.5	10	165	130	200	12
90	2-6	24	27	8	50	331.5	140	125		56	217	10	165	130	200	12
100	2-6	28	31	8	60	432	160	140		63	237	12	215	180	250	15
112	2-6 ¹⁾	28	31	8	60	431	190	140		70	260	12	215	180	250	15
112	4 ²⁾	28	31	8	60	477	190	140		70	260	12	215	180	250	15
132	2-6 ¹⁾	38	41	10	80	487	216	140	178	89	298	12	265	230	300	14.5
132	2-4 ^{3), 4)}	38	41	10	80	550	216	140	212	89	321	12	265	230	300	14.5
132	4 ⁵⁾	38	41	10	80	590	216	140	212	89	321	12	265	230	300	14.5
160	MLA 2-6, MLB2	42	45	12	110	584	254	210	254	108	370	15	300	250	350	19
160	MLB 4-6, MLC 2-6, MLD 2-4	42	45	12	110	681	254	210	254	108	370	15	300	250	350	19
180	2-6	48	51.5	14	110	726	279	241	279	121	405	15	300	250	350	19
200	2-6	55	59	16	110	821	318	267	305	133	532	18	400	350	400	19
225	2	55	59	16	110	850	356	286	311	149	553	18	400	350	450	19
225	4-6	60	64	18	140	880	356	286	311	149	553	18	400	350	450	19
250	2	60	64	18	140	884	406	311	349	168	601	22	500	450	550	19
250	4-6	65	69	18	140	884	406	311	349	168	601	22	500	450	550	19

¹⁾ all types except ²⁾ 4p 5,5kW (HO) ³⁾ 2p 11/15kW (HO)

⁴⁾ 4p 11kW (HO) ⁵⁾ 4p 15kW (HO)

IMB14 (IM3601)

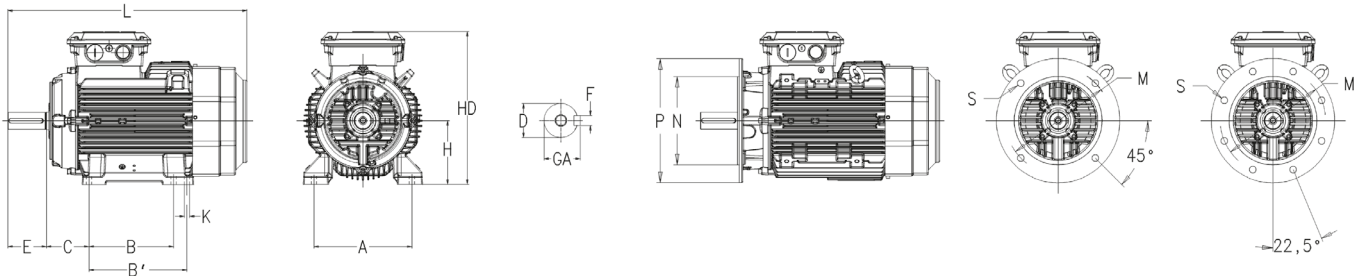
Motor size	M	N	P	S	Motor size	M	N	P	S
63	75	60	90	5	100	130	110	160	8
71	85	70	105	6	112	130	110	160	8
80	100	80	120	6	132	165	130	200	10
90	115	95	140	8	132SM_	165	130	200	10

Tolerances		Tolerances	
A, B	±0,8	F	ISO h9
	ISO j6 ≤ Ø 28 mm	H	-0,5
D	ISO k6 < Ø 38 mm	N	ISO js6
	ISO m6 ≥ Ø 55 mm	C	±0,8

The table gives the main dimension in mm. For detailed drawings please see our web pages new.abb.com/motors-generators.

Dimension drawings

Process performance IE2 aluminum motors



Foot-mounted motor IM1001, B3 and flange-mounted motor IM3001, B5

Motor size	Poles	D	GA	F	E	L max	A	B	B1	C	HD	K	M	N	P	S
56		9	10.4	3	20	183	90	71		36	56	143	100	80	120	7
63		11	12.5	4	23	208	100	80		40.1	154	7.5	115	95	140	10
71		14	12.5	5	30	240	112	90		45	180	7	130	110	160	10
80		19	21.5	6	40	265.5	125	100		50	193.5	10	165	130	200	12
90	L2, L8, LB 2-6	24	27	8	50	309.5	140	125		56	217	10	165	130	200	12
90	LD 4-6	24	27	8	50	331.5	140	125		56	217	10	165	130	200	12
100	LB2, LC 4-6	28	31	8	60	351	160	140		63	237	12	215	180	250	15
100	LD 4	28	31	8	60	373	160	140		63	237	12	215	180	250	15
112		28	31	8	60	393	190	140		70	249	12	215	180	250	15
132	SB2, M4, MA4, MBA4	38	41	10	80	447	216	140	178	89	295.5	12	265	230	300	14.5
132	SC2, MC6	38	41	10	80	487	216	140	178	89	295.5	12	265	230	300	14.5
132	SM_	38	41	10	80	550	216	140	178	89	321	12	265	230	300	14.5
160	MLA 2-6, MLB2	42	45	12	110	584	254	210	254	108	370	15	300	250	350	19
160	MLB 4-6, MLC 2-6, MLD 2-4	42	45	12	110	681	254	210	254	108	370	15	300	250	350	19
180	MLA 2-6, MLB 2-6, MLC4	48	51.5	14	110	726	279	241	279	121	405	15	300	250	350	19
200	MLA 2-6, MLB 2-6, MLC 2-6, MLD 2	55	59	16	110	821	318	267	305	133	532	18	400	350	400	19
225	SMA 2, SMB 2, SMC 2, SMD 2	55	59	16	110	850	356	286	311	149	579	18	400	350	450	19
225	SMA 4-6, SMB 4-6, SMC 4-6, SMD 4	60	63	18	140	880	356	286	311	149	579	18	400	350	450	19
250	SMA 2, SMB 2, SMC 2	60	64	18	140	884	406	406	349	168	627	22	500	450	550	19
250	SMA 4-6, SMB 4-6, SMC 4-6	65	69	18	140	884	406	406	349	168	627	22	500	450	550	19

IMB14 (IM3601)

Motor size	M	N	P	S	Motor size	M	N	P	S
63	75	60	90	5	100	130	110	160	8
71	85	70	105	6	112	130	110	160	8
80	100	80	120	6	132	165	130	200	10
90	115	95	140	8	132SM_	165	130	200	10

Tolerances		Tolerances	
A, B	±0,8	F	ISO h9
	ISO j6 ≤ Ø 28 mm	H	-0,5
D	ISO k6 < Ø 38 mm	N	ISO js6
	ISO m6 ≥ Ø 55 mm	C	±0,8

The table gives the main dimension in mm. For detailed drawings please see our web pages new.abb.com/motors-generators.