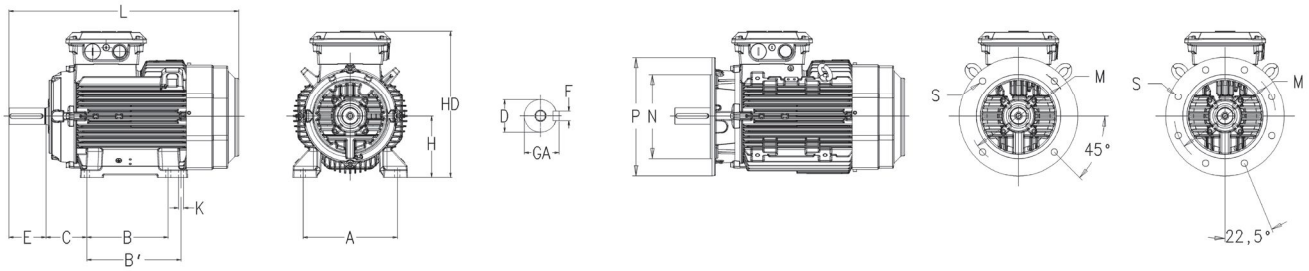
Dimension drawings

Process performance IE3 aluminum motors, K-generation



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
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	28	31	8	60	431	190	140		70	260	12	215	180	250	15
132	2-6	38	41	10	80	487	216	140	178	89	298	12	265	230	300	14.5
160	2-6	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

IMB14 (IM3601)

Motor size	M	N	P	S	Motor size	M	N	P	S
80	100	80	120	6	112	130	110	160	8
90	115	95	140	8	132	165	130	200	10
100	130	110	160	8					

Tolerances		Tolerances	
A, B	±0,8	F	ISO h9
D	ISO j6 ≤ Ø 28 mm	H	-0,5
	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 www.abb.com/motors&generators.