

H-IE1/IE2/IE3-63~160

ALUMINIUM HOUSING

230/400V & 400/690V 50HZ

FROM 0.12KW TO 18.5KW

INSULATION CLASS F

TEMPERATURE RISE 80K

PROTECTION DEGREE IP55

AMBIENT TEMPERATURE -20~+40°C

ELEVATION SITE LESS THAN 1000 M

TOTAL ENCLOSED FAN COOLED IC411

PTC150°C THERMISTORS CONTINUOUS S1

IE2 / IE3 HIGH EFFICIENCY ELECTRIC MOTOR

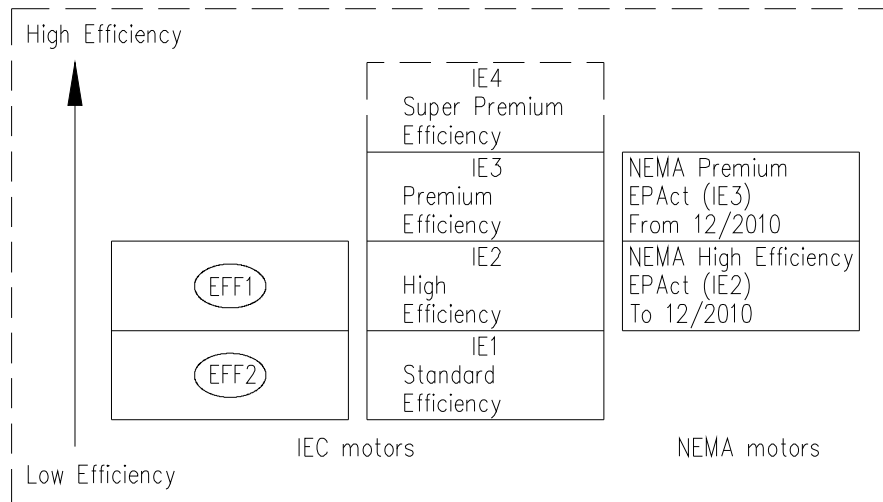
EQUIVALENT STANDARD IEC / DIN EN 60034 60072



ABBREVIATIONS

IE	International Efficiency
IE1	Standard Efficiency
IE2	High Efficiency
IE3	Premium Efficiency
IE4	Super Premium Efficiency
IEC	International Electrotechnical Commission
NEMA	National Electrical Manufacturers Association

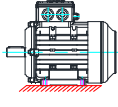
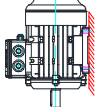
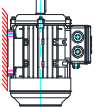
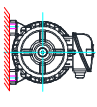
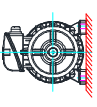
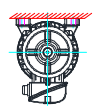
EFFICIENCY CLASSIFICATION

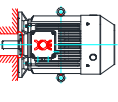
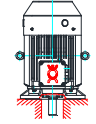
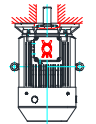
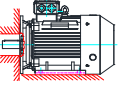
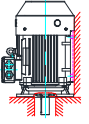
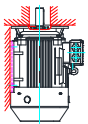


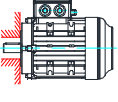
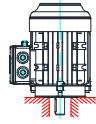
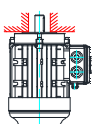
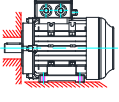
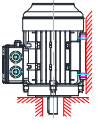
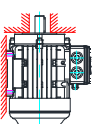
EFFICIENCY VALUE

kW	IE1 EFFICIENCY VALUE			IE2 EFFICIENCY VALUE			IE3 EFFICIENCY VALUE		
	2 Poles	4 Poles	6 Poles	2 Poles	4 Poles	6 Poles	2 Poles	4 Poles	6 Poles
0.75	72.1	72.1	70.0	77.4	79.6	75.9	80.7	82.5	78.9
1.10	75.0	75.0	72.9	79.6	81.4	78.1	82.7	84.1	81.0
1.50	77.2	77.2	75.2	81.3	82.8	79.8	84.2	85.3	82.5
2.20	79.7	79.7	77.7	83.2	84.3	81.8	85.9	86.7	84.3
3.00	81.5	81.5	79.7	84.6	85.5	83.3	87.1	87.7	85.6
4.00	83.1	83.1	81.4	85.8	86.6	84.6	88.1	88.6	86.8
5.50	84.7	84.7	83.1	87.0	87.7	86.0	89.2	89.6	88.0
7.50	86.0	86.0	84.7	88.1	88.7	87.2	90.1	90.4	89.1
11.0	87.6	87.6	86.4	89.4	89.8	88.7	91.2	91.4	90.3
15.0	88.7	88.7	87.7	90.3	90.6	89.7	91.9	92.1	91.2
18.5	89.3	89.3	88.6	90.9	91.2	90.4	92.4	92.6	91.7
22.0	89.9	89.9	89.2	91.3	91.6	90.9	92.7	93.0	92.2
30.0	90.7	90.7	90.2	92.0	92.3	91.7	93.3	93.6	92.9
37.0	91.2	91.2	90.8	92.5	92.7	92.2	93.7	93.9	93.3
45.0	91.7	91.7	91.4	92.9	93.1	92.7	94.0	94.2	93.7
55.0	92.1	92.1	91.9	93.2	93.5	93.1	94.3	94.6	94.1
75.0	92.7	92.7	92.6	93.8	94.0	93.7	94.7	95.0	94.6
90.0	93.0	93.0	92.9	94.1	94.2	94.0	95.0	95.2	94.9
110.0	93.3	93.3	93.3	94.3	94.5	94.3	95.2	95.4	95.1
132.0	93.5	93.5	93.5	94.6	94.7	94.6	95.4	95.6	95.4
160.0	93.8	93.8	93.8	94.8	94.9	94.8	95.6	95.8	95.6
200...	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8
...375	94.0	94.0	94.0	95.0	95.1	95.0	95.8	96.0	95.8

SYMBOLS FOR MOUNTING ARRANGEMENTS

B3 Foot Mount					
B3 IM1001	V5 IM1011	V6 IM1031	B6 IM1051	B7 IM1061	B8 IM1071
					
Size 80~560	Size 80~160	Size 80~160	Size 80~160	Size 80~160	Size 80~160

B5 Large Flange, B35 Large Flange and Foot Mount					
B5 IM3001	V1 IM3011	V3 IM3031	B3/B5 IM2001	V1/V5 IM2011	V3/V6 IM2031
					
Size 80~280	Size 80~560	Size 80~160	Size 80~560	Size 80~160	Size 80~160

B14 Small Flange, B34 Small Flange and Foot Mount					
B14 IM3601	V18 IM3611	V19 IM3631	B3/B14 IM2101	V5/V18 IM2111	V6/V19 IM2131
					
Size 80~112	Size 80~112	Size 80~112	Size 80~112	Size 80~112	Size 80~112

PAINTING SPECIFICATIONS

THERMAL CLASS F RAL7031 PAINTING SPECIFICATION	SERIES H-IE1/IE2/IE3 63~160 ALUMINIUM HOUSING MOTOR	SERIES Y-IE2/IE3 160~355 CAST IRON MOTOR
Primer (Anticorrosive, or alkyd, or epoxy paint)	Thickness $\geq$ 20~30 μ m	Thickness $\geq$ 30~40 μ m
Intermediate paint (RAL7031 blue grey)	Thickness $\geq$ 30~40 μ m	Thickness $\geq$ 40~50 μ m
Coating paint (RAL7031 blue grey)	Thickness $\geq$ 20~30 μ m	Thickness $\geq$ 30~40 μ m
Total thickness (approximate)	Thickness $\geq$ 70~100 μ m	Thickness $\geq$ 100~130 μ m

H-IE-63~90 (0.55KW and below) 400V 50HZ IE1 EFFICIENCY INS.CL F IP55 TEFC IC411 S1 C&U BEARING THREE PHASE ALUMINIUM HOUSING ELECTRIC MOTOR TECHNICAL DATA

2 POLES

TYPE	KW	HP	I _n (230V)	I _n (400V)	I _n (690V)	r/min	KW (480V/60Hz)	I _n (480V/60Hz)	rpm (480V/60Hz)	Eff (100%)	Eff (75%)	Eff (50%)	Cosφ (100%)	N·m	I _{st} / I _n	T _s / T _N	T _{max} / T _N	dB(A)	KG	Bearing DE	Bearing NDE
H-IE-63A2	0.18	0.25	0.87	0.50	/	2720	0.216	0.50	3260	65.0	65.1	63.2	0.80	0.63	5.5	2.2	2.2	61	3.90	6201ZZ/C3	6201ZZ/C3
H-IE-63B2	0.25	0.34	1.14	0.66	/	2720	0.3	0.66	3260	68.0	68.3	66	0.81	0.88	5.5	2.2	2.2	61	4.20	6201ZZ/C3	6201ZZ/C3
H-IE-71A2	0.37	0.50	1.64	0.94	/	2740	0.44	0.94	3290	70.0	70.2	67.9	0.81	1.29	6.1	2.2	2.2	64	6.10	6202ZZ/C3	6202ZZ/C3
H-IE-71B2	0.55	0.75	2.31	1.33	/	2740	0.66	1.33	3290	73.0	73.2	70.8	0.82	1.92	6.1	2.2	2.3	64	6.90	6202ZZ/C3	6202ZZ/C3

4 POLES

H-IE-63A4	0.12	0.16	0.73	0.42	/	1310	0.144	0.42	1570	57.0	57.2	54.8	0.72	0.87	5.2	2.2	2.2	52	4.00	6201ZZ/C3	6201ZZ/C3
H-IE-63B4	0.18	0.25	1.03	0.59	/	1310	0.216	0.59	1570	60.0	60.3	58.1	0.73	1.31	5.2	2.2	2.2	52	4.60	6201ZZ/C3	6201ZZ/C3
H-IE-71A4	0.25	0.34	1.30	0.75	/	1330	0.3	0.75	1600	65.0	65.1	62.8	0.74	1.80	6.0	2.3	2.2	55	5.50	6202ZZ/C3	6202ZZ/C3
H-IE-71B4	0.37	0.50	1.85	1.06	/	1330	0.44	1.06	1600	67.0	67.2	65.1	0.75	2.66	6.0	2.3	2.2	55	6.10	6202ZZ/C3	6202ZZ/C3
H-IE-80A4	0.55	0.75	2.59	1.49	/	1390	0.66	1.49	1670	71.1	71.4	68.2	0.75	3.78	6.0	2.3	2.3	58	8.70	6204ZZ/C3	6204ZZ/C3

6 POLES

H-IE-71A6	0.18	0.25	1.22	0.70	/	850	0.216	0.70	1020	56.0	56.2	53.9	0.66	2.02	4.5	1.9	2.0	52	6.40	6202ZZ/C3	6202ZZ/C3
H-IE-71B6	0.25	0.34	1.56	0.90	/	850	0.3	0.90	1020	59.0	59.3	56.8	0.68	2.81	4.5	1.9	2.0	52	6.80	6202ZZ/C3	6202ZZ/C3
H-IE-80A6	0.37	0.50	2.14	1.23	/	885	0.44	1.23	1060	62.0	62.1	59.9	0.7	3.99	4.7	1.9	2	54	8.9	6204ZZ/C3	6204ZZ/C3
H-IE-80B6	0.55	0.75	2.95	1.69	/	885	0.66	1.69	1060	65.0	65.0	62.7	0.72	5.94	4.7	1.9	2.1	54	10.1	6204ZZ/C3	6204ZZ/C3

8 POLES

H-IE-80A8	0.18	0.25	1.45	0.84	0.48	693	0.22	0.84	832	51.0	51.0	48.5	0.61	2.48	3.3	1.8	1.9	52	8.5	6204ZZ/C3	6204ZZ/C3
H-IE-80B8	0.25	0.34	1.91	1.10	0.64	689	0.30	1.10	827	54.0	54.1	51.7	0.61	3.47	3.3	1.8	1.9	52	9.4	6204ZZ/C3	6204ZZ/C3
H-IE-90S8	0.37	0.50	2.46	1.41	0.82	691	0.44	1.41	829	62.0	62.2	58.8	0.61	5.11	4.0	1.8	1.9	56	12.5	6205ZZ/C3	6205ZZ/C3
H-IE-90L8	0.55	0.75	3.59	2.07	1.20	703	0.66	2.07	844	63.0	63.1	59.7	0.61	7.47	4.0	1.8	2.0	56	15.7	6205ZZ/C3	6205ZZ/C3

H-IE2-80~160 400V 50HZ IE2 HIGH EFFICIENCY INS.CL F IP55 TEFC IC411 S1 C&U BEARING THREE PHASE ALUMINIUM HOUSING ELECTRIC MOTOR TECHNICAL DATA

2 POLES

TYPE	kW	HP	I _n (230V/50Hz)	I _n (400V/50Hz)	I _n (690V/50Hz)	r/min	kW (480V/60Hz)	I _n (480V/60Hz)	rpm (480V/60Hz)	Eff (100%)	Eff (75%)	Eff (50%)	Cosφ (100%)	N·m	I _{st} /I _n	T _{st} /T _n	T _{max} /T _n	dB(A)	KG	Bearing DE	Bearing NDE
H-IE2-80MA2	0.75	1	2.93	1.69	0.98	2850	0.9	1.69	3420	77.4	77.7	75.5	0.83	2.51	6.8	2.3	2.3	64	10.5	6204ZZ/C3	6204ZZ/C3
H-IE2-80MB2	1.1	1.5	4.13	2.37	1.38	2850	1.32	2.37	3420	79.6	79.9	77.6	0.84	3.69	7.3	2.3	2.3	64	11.5	6204ZZ/C3	6204ZZ/C3
H-IE2-90S2	1.5	2	5.51	3.17	1.84	2860	1.8	3.17	3430	81.3	81.6	79.7	0.84	5.01	7.6	2.3	2.3	67	13.5	6205ZZ/C3	6304ZZ/C3
H-IE2-90L2	2.2	3	7.81	4.49	2.60	2870	2.64	4.49	3445	83.2	83.5	81.5	0.85	7.32	7.8	2.3	2.3	67	16.5	6205ZZ/C3	6304ZZ/C3
H-IE2-100L2	3	4	10.2	5.88	3.41	2890	3.6	5.88	3465	84.6	84.9	82.9	0.87	9.91	8.1	2.3	2.3	73	21.0	6206ZZ/C3	6206ZZ/C3
H-IE2-112M2	4	5.5	13.3	7.65	4.43	2910	4.8	7.65	3490	86.8	86.1	84.1	0.88	13.1	8.3	2.3	2.3	74	28.5	6306ZZ/C3	6306ZZ/C3
H-IE2-132SA2	5.5	7.5	18.5	10.6	6.15	2930	6.6	10.6	3515	87.0	87.3	85.3	0.86	17.9	8.0	2.2	2.3	77	41.0	6308ZZ/C3	6308ZZ/C3
H-IE2-132SB2	7.5	10	24.3	14.0	8.09	2930	9.0	14.0	3515	88.1	88.5	86.3	0.88	24.5	7.8	2.2	2.3	77	48.0	6308ZZ/C3	6308ZZ/C3
H-IE2-160MA2	11	15	34.7	20.9	11.6	2930	13.2	20.0	3515	89.4	89.8	87.6	0.89	35.9	7.9	2.2	2.3	83	91.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160MB2	15	20	46.9	26.9	15.6	2935	18	26.9	3520	90.3	90.7	88.5	0.89	48.8	8.0	2.2	2.3	83	98.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160L2	18.5	25	57.4	33.0	19.1	2935	22.2	33.0	3520	90.9	91.3	89.1	0.89	60.2	8.1	2.2	2.3	83	107.0	6309ZZ/C3	6309ZZ/C3

4 POLES

H-IE2-80MA4	0.55	0.75	2.39	1.37	0.80	1390	0.66	1.37	1670	77.0	77.1	75.8	0.75	3.78	5.7	2.3	2.3	58	9.50	6204ZZ/C3	6204ZZ/C3
H-IE2-80MB4	0.75	1	3.11	1.79	1.04	1410	0.9	1.79	1690	79.6	79.9	78.0	0.76	5.08	6.3	2.3	2.3	58	10.5	6204ZZ/C3	6204ZZ/C3
H-IE2-90S4	1.1	1.5	4.41	2.53	1.47	1420	1.32	2.53	1705	81.4	81.7	79.8	0.77	7.40	6.5	2.3	2.3	61	12.0	6205ZZ/C3	6205ZZ/C3
H-IE2-90L4	1.5	2	5.91	3.40	1.97	1435	1.8	3.40	1720	82.8	83.1	81.1	0.77	9.98	6.6	2.3	2.3	61	15.5	6205ZZ/C3	6205ZZ/C3
H-IE2-100LA4	2.2	3	8.09	4.65	2.70	1440	2.64	4.65	1730	84.3	84.6	82.6	0.81	14.6	6.8	2.3	2.3	64	21.0	6206ZZ/C3	6206ZZ/C3
H-IE2-100LB4	3	4	10.7	6.18	3.58	1440	3.6	6.18	1730	85.5	85.8	83.8	0.82	19.9	6.9	2.3	2.3	64	24.0	6206ZZ/C3	6206ZZ/C3
H-IE2-112M4	4	5.5	14.1	8.13	4.71	1455	4.8	8.13	1735	86.6	86.9	84.9	0.82	26.3	7.0	2.3	2.3	65	30.0	6306ZZ/C3	6306ZZ/C3
H-IE2-132S4	5.5	7.5	19.0	10.9	6.32	1455	6.6	10.9	1745	87.7	88.0	85.9	0.83	36.1	7.2	2.2	2.3	70	44.0	6308ZZ/C3	6308ZZ/C3
H-IE2-132M4	7.5	10	25.3	14.5	8.42	1455	9	14.5	1745	88.7	89.0	86.9	0.84	49.2	7.2	2.2	2.3	70	54.0	6308ZZ/C3	6308ZZ/C3
H-IE2-160M4	11	15	36.6	21.0	12.2	1460	13.2	21.0	1750	89.8	90.1	88.0	0.84	71.9	7.2	2.2	2.3	74	85.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160L4	15	20	48.9	28.1	16.3	1460	18	28.1	1750	90.6	90.9	88.8	0.85	98.1	7.3	2.2	2.3	74	103.0	6309ZZ/C3	6309ZZ/C3

6 POLES

H-IE2-90S6	0.75	1	3.44	1.98	1.15	930	0.9	1.98	1115	76.1	76.1	74.4	0.72	7.70	5.8	2.1	2.1	57	13.5	6205ZZ/C3	6205ZZ/C3
H-IE2-90L6	1.1	1.5	4.91	2.82	1.64	940	1.32	2.82	1130	78.1	78.3	76.5	0.72	11.2	5.9	2.1	2.1	57	17.0	6205ZZ/C3	6205ZZ/C3
H-IE2-100L6	1.5	2	6.29	3.62	2.10	940	1.8	3.62	1130	79.8	80.0	78.2	0.75	15.2	6.0	2.1	2.1	61	21.0	6206ZZ/C3	6206ZZ/C3
H-IE2-112M6	2.2	3	8.88	5.11	2.96	950	2.64	5.11	1140	81.8	82.0	80.2	0.76	22.1	6.0	2.1	2.1	65	28.0	6306ZZ/C3	6306ZZ/C3
H-IE2-132S6	3	4	11.9	6.84	3.97	950	3.6	6.84	1140	83.3	83.5	81.6	0.76	30.2	6.2	2.1	2.1	69	41.0	6308ZZ/C3	6308ZZ/C3
H-IE2-132MA6	4	5.5	15.6	8.98	5.21	960	4.8	8.98	1150	84.6	84.9	82.9	0.76	39.8	6.5	2.1	2.1	69	47.0	6308ZZ/C3	6308ZZ/C3
H-IE2-132MB6	5.5	7.5	20.8	12.0	6.95	960	6.6	12.0	1150	86.0	86.3	84.3	0.77	54.7	6.5	2.1	2.1	69	59.0	6308ZZ/C3	6308ZZ/C3
H-IE2-160M6	7.5	10	27.7	15.9	9.23	965	9	15.9	1158	87.2	87.5	85.5	0.78	74.2	6.7	2.1	2.1	71	84.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160L6	11	15	39.9	22.9	13.3	965	13.2	22.9	1158	88.7	89.0	86.9	0.78	108.9	6.7	2.1	2.1	71	102.0	6309ZZ/C3	6309ZZ/C3

8 POLES

H-IE2-100LA8	0.75	1	3.8	2.2	1.27	690	0.90	2.2	828	73.5	73.6	71.9	0.67	10.4	4.0	1.8	2.0	59	21.0	6206ZZ/C3	6206ZZ/C3
H-IE2-100LB8	1.1	1.5	5.2	3.0	1.75	690	1.32	3.0	828	76.3	76.5	74.4	0.69	15.2	5.0	1.8	2.0	59	24.0	6206ZZ/C3	6206ZZ/C3
H-IE2-112M8	1.5	2	7.0	4.0	2.32	690	1.80	4.0	828	78.4	78.5	76.6	0.69	20.8	5.0	1.8	2.0	61	30.0	6306ZZ/C3	6306ZZ/C3
H-IE2-132S8	2.2	3	9.6	5.5	3.20	710	2.64	5.5	852	80.9	81.2	79.3	0.71	29.6	6.0	1.8	2.0	64	44.0	6308ZZ/C3	6308ZZ/C3
H-IE2-132M8	3.0	4	12.5	7.2	4.16	710	3.60	7.2	852	82.7	82.9	80.8	0.73	40.4	6.0	1.8	2.0	64	54.0	6308ZZ/C3	6308ZZ/C3
H-IE2-160MA8	4.0	5.5	16.3	9.4	5.45	720	4.80	9.4	864	84.2	84.5	82.3	0.73	53.1	6.0	1.9	2.0	68	84.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160MB8	5.5	7.5	21.7	12.5	7.25	720	6.60	12.5	864	85.8	85.9	83.9	0.74	73.0	6.0	2.0	2.0	68	93.0	6309ZZ/C3	6309ZZ/C3
H-IE2-160L8	7.5	10	28.8	16.6	9.60	720	9.00	16.6	864	87.2	87.4	85.3	0.75	99.5	6.0	2.0	2.0	68	102	6309ZZ/C3	6309ZZ/C3

H-IE3-80~160 400V 50HZ IE3 PREMIUM EFFICIENCY INS.CL F IP55 TEFC IC411 S1 C&U BEARING THREE PHASE ALUMINIUM HOUSING ELECTRIC MOTOR TECHNICAL DATA

2 POLES

TYPE	KW	HP	I _n (230V/50Hz)	I _n (400V/50Hz)	I _n (690V/50Hz)	r/min	kW (480V/60Hz)	I _n (480V/60Hz)	rpm (480V/60Hz)	Eff (100%)	Eff (75%)	Eff (50%)	Cosφ (100%)	N·m	I _{st} / I _n	T _{st} / T _n	T _{max} / T _n	dB(A)	KG	Bearing DE	Bearing NDE
H-IE3-80MA2	0.75	1	2.93	1.62	0.94	2880	0.9	1.62	3456	80.7	80.8	78.7	0.83	2.49	5.5	1.8	3.5	64	13.0	6204ZZ/C3	6204ZZ/C3
H-IE3-80MB2	1.1	1.5	4.13	2.31	1.34	2880	1.32	2.31	3456	82.7	82.9	80.7	0.83	3.65	7.5	2.6	3.5	64	15.0	6204ZZ/C3	6204ZZ/C3
H-IE3-90S2	1.5	2	5.51	3.10	1.80	2895	1.8	3.10	3474	84.2	84.4	82.2	0.83	4.95	7.1	2.6	3.5	67	19.0	6205ZZ/C3	6304ZZ/C3
H-IE3-90L2	2.2	3	7.81	4.35	2.52	2895	2.64	4.35	3474	85.9	86.0	83.9	0.85	7.26	7.0	2.0	3.0	67	22.0	6205ZZ/C3	6304ZZ/C3
H-IE3-100L2	3	4	10.2	5.65	3.28	2895	3.6	5.65	3474	87.1	87.2	85.1	0.88	9.90	8.6	2.0	3.2	73	31.0	6206ZZ/C3	6206ZZ/C3
H-IE3-112M2	4	5.5	13.3	7.45	4.32	2905	4.8	7.45	3486	88.1	88.2	86.1	0.88	13.1	8.0	1.8	2.9	74	34.0	6306ZZ/C3	6306ZZ/C3
H-IE3-132SA2	5.5	7.5	18.5	10.1	5.86	2930	6.6	10.1	3516	89.2	89.2	87.2	0.88	17.9	7.5	2.1	2.5	77	49.5	6308ZZ/C3	6308ZZ/C3
H-IE3-132SB2	7.5	10	24.3	13.7	7.92	2930	9	13.7	3516	90.1	90.1	88.1	0.88	24.4	7.3	2.0	3.5	77	55.0	6308ZZ/C3	6308ZZ/C3
H-IE3-160MA2	11	15	34.7	19.3	11.21	2945	13.2	19.3	3534	91.2	91.2	89.2	0.90	35.7	7.3	2.3	2.6	83	99.0	6309ZZ/C3	6309ZZ/C3
H-IE3-160MB2	15	20	46.9	25.9	15.01	2945	18	25.9	3534	91.9	92.0	89.9	0.91	48.6	7.0	1.9	2.3	83	108	6309ZZ/C3	6309ZZ/C3
H-IE3-160L2	18.5	25	57.4	32.5	18.82	2940	22.2	32.5	3528	92.4	92.5	90.4	0.89	60.1	7.0	1.6	2.5	83	118	6309ZZ/C3	6309ZZ/C3

4 POLES

H-IE3-80MB4	0.75	1	3.11	1.77	1.03	1420	0.9	1.77	1704	82.5	82.7	80.5	0.74	5.04	6.0	2.9	3.6	58	16.0	6204ZZ/C3	6204ZZ/C3
H-IE3-90S4	1.1	1.5	4.41	2.55	1.48	1445	1.32	2.55	1734	84.1	84.2	82.1	0.74	7.27	6.5	2.7	3.8	58	20.0	6205ZZ/C3	6205ZZ/C3
H-IE3-90L4	1.5	2	5.91	3.43	1.99	1445	1.8	3.43	1734	85.3	85.4	83.2	0.74	9.91	6.8	3.0	3.6	61	23.0	6205ZZ/C3	6205ZZ/C3
H-IE3-100LA4	2.2	3	8.09	4.70	2.72	1445	2.64	4.70	1734	86.7	86.9	84.7	0.78	14.5	7.2	2.5	3.5	61	32.5	6206ZZ/C3	6206ZZ/C3
H-IE3-100LB4	3	4	10.7	6.33	3.67	1445	3.6	6.33	1734	87.7	87.8	85.7	0.78	19.8	7.2	2.6	3.5	64	39.0	6206ZZ/C3	6206ZZ/C3
H-IE3-112M4	4	5.5	14.1	8.15	4.72	1460	4.8	8.15	1752	88.6	88.7	86.6	0.80	26.2	7.0	2.3	3.2	64	44.0	6306ZZ/C3	6306ZZ/C3
H-IE3-132S4	5.5	7.5	19.0	11.1	6.42	1460	6.6	11.1	1752	89.6	89.7	87.6	0.80	36.0	7.1	2.7	3.5	65	54.5	6308ZZ/C3	6308ZZ/C3
H-IE3-132M4	7.5	10	25.3	14.6	8.47	1460	9	14.6	1752	90.4	90.6	88.4	0.82	49.1	7.2	2.7	3.8	70	66.0	6308ZZ/C3	6308ZZ/C3
H-IE3-160M4	11	15	36.6	21.2	12.28	1465	13.2	21.2	1758	91.4	91.5	89.4	0.82	71.7	6.8	1.9	2.3	70	102	6309ZZ/C3	6309ZZ/C3
H-IE3-160L4	15	20	48.9	28.7	16.62	1465	18	28.7	1758	92.1	92.3	90.1	0.82	97.8	6.8	1.8	2.4	74	117	6309ZZ/C3	6309ZZ/C3

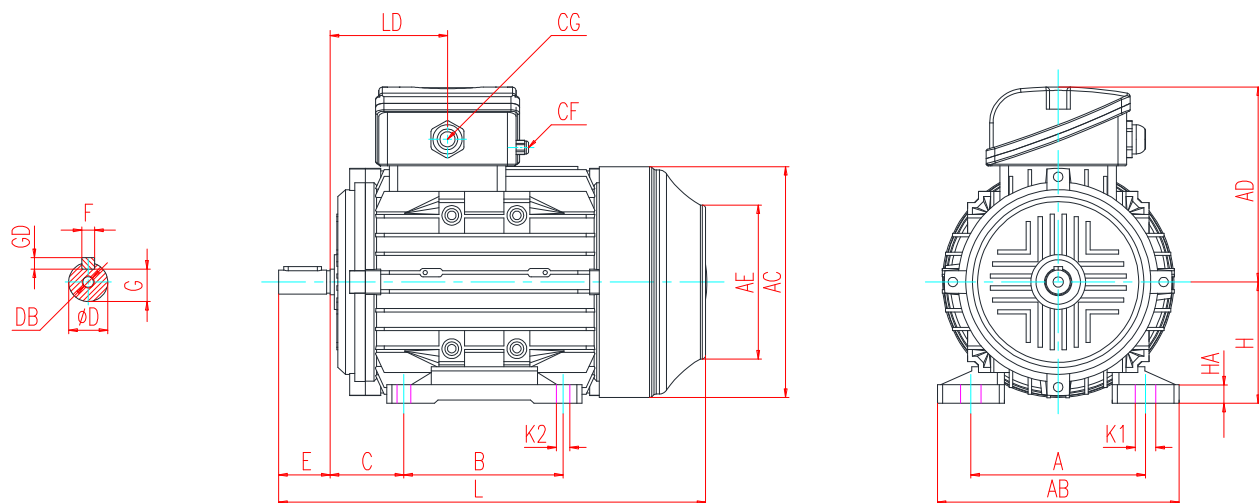
6 POLES

H-IE3-90S6	0.75	1	3.44	2.25	1.30	935	0.9	2.25	1122	78.9	79.1	76.9	0.61	7.66	4.5	2.5	3.3	57	20.0	6205ZZ/C3	6205ZZ/C3
H-IE3-90L6	1.1	1.5	4.91	2.84	1.65	945	1.32	2.84	1134	81.0	81.1	79.0	0.69	11.1	4.4	1.7	3.3	57	23.0	6205ZZ/C3	6205ZZ/C3
H-IE3-100L6	1.5	2	6.29	3.80	2.20	950	1.8	3.80	1140	82.5	82.6	80.5	0.69	15.1	5.0	2.3	3.0	61	30.0	6206ZZ/C3	6206ZZ/C3
H-IE3-112M6	2.2	3	8.88	5.31	3.08	955	2.64	5.31	1146	84.3	84.4	82.3	0.71	22.0	5.5	2.6	3.0	65	36.0	6306ZZ/C3	6306ZZ/C3
H-IE3-132S6	3	4	11.9	7.12	4.13	965	3.6	7.12	1158	85.6	85.8	83.6	0.71	29.7	5.5	2.0	3.1	69	46.0	6308ZZ/C3	6308ZZ/C3
H-IE3-132MA6	4	5.5	15.6	9.37	5.43	965	4.8	9.37	1158	86.8	86.9	84.8	0.71	39.6	5.7	2.1	2.6	69	55.0	6308ZZ/C3	6308ZZ/C3
H-IE3-132MB6	5.5	7.5	20.8	12.0	6.97	970	6.6	12.0	1164	88.0	88.2	86.0	0.75	54.1	6.0	1.7	2.6	69	65.5	6308ZZ/C3	6308ZZ/C3
H-IE3-160M6	7.5	10	27.7	15.8	9.15	970	9	15.8	1164	89.1	89.3	87.1	0.77	73.8	5.9	1.7	2.5	71	103	6309ZZ/C3	6309ZZ/C3
H-IE3-160L6	11	15	39.9	22.3	12.90	970	13.2	22.3	1164	90.3	90.5	89.3	0.79	108.3	6.0	1.5	2.4	71	116	6309ZZ/C3	6309ZZ/C3

8 POLES

H-IE3-100LA8	0.75	1	3.9	2.2	1.29	695	0.90	2.2	834	73.8	73.9	72.3	0.66	10.3	5.0	1.8	2.0	58	23.0	6206ZZ/C3	6206ZZ/C3
H-IE3-100LB8	1.1	1.5	5.4	3.1	1.79	695	1.32	3.1	834	76.8	76.9	75.2	0.67	15.1	5.5	1.8	2.0	58	25.5	6206ZZ/C3	6206ZZ/C3
H-IE3-112M8	1.5	2	7.1	4.1	2.37	695	1.80	4.1	834	78.9	79.2	77.3	0.67	20.6	5.5	1.8	2.0	61	32.0	6306ZZ/C3	6306ZZ/C3
H-IE3-132S8	2.2	3	9.7	5.6	3.24	715	2.64	5.6	858	81.2	81.5	79.3	0.70	29.4	6.0	1.8	2.0	64	45.0	6308ZZ/C3	6308ZZ/C3
H-IE3-132M8	3.0	4	12.6	7.2	4.20	715	3.60	7.2	858	83.1	83.2	81.3	0.72	40.1	6.0	1.8	2.0	64	55.0	6308ZZ/C3	6308ZZ/C3
H-IE3-160MA8	4.0	5.5	16.5	9.5	5.49	725	4.80	9.5	870	84.7	84.9	83.0	0.72	52.7	6.0	2.0	2.1	67	88.0	6309ZZ/C3	6309ZZ/C3
H-IE3-160MB8	5.5	7.5	21.9	12.6	7.31	725	6.60	12.6	870	86.3	86.4	84.7	0.73	72.4	6.0	2.0	2.1	67	97.0	6309ZZ/C3	6309ZZ/C3
H-IE3-160L8	7.5	10	29.4	16.9	9.80	725	9.00	16.9	870	87.7	88.0	85.9	0.73	98.8	6.0	2.0	2.1	67	105	6309ZZ/C3	6309ZZ/C3

FRAME SIZE 63~71 – B3 MOUNTING DIMENSIONS (IE1 EFFICIENCY) – ALUMINIUM HOUSING

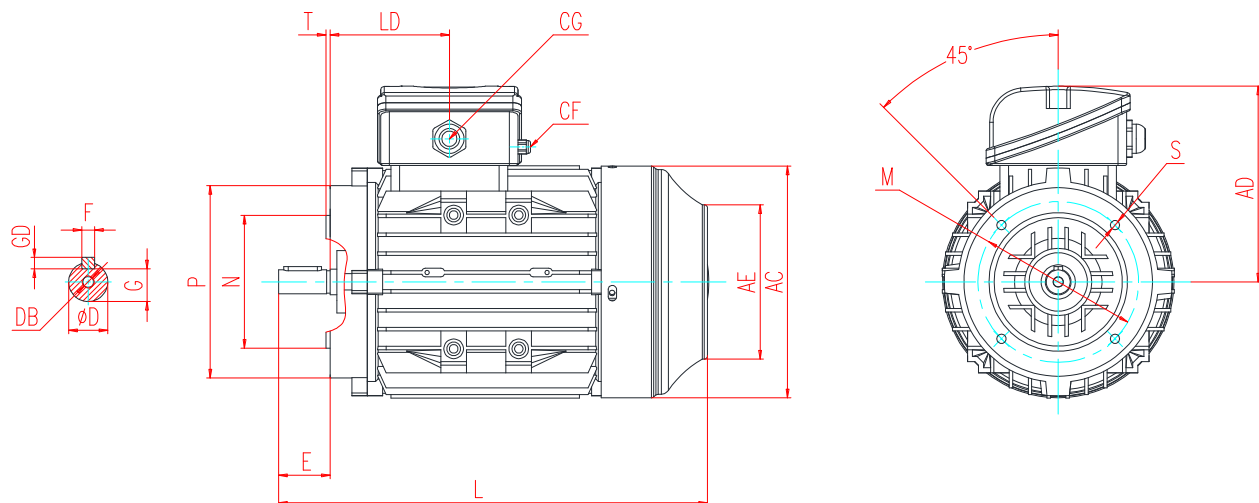


Frame size 63~71 (B3)

Frame Size	B3 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
63	100	80	40	Φ11	23	4	8.5	63	9.5	7	/	/	/	/	/	4	M4x12
71	112	90	45	Φ14	30	5	11	71	11	7	/	/	/	/	/	5	M5x20

Frame Size	Cable Gland		B3 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
63	1-M16x1.5	1-M12x1.5	123	Φ90	Φ119	68	/	9	102	230
71	1-M16x1.5	1-M12x1.5	141	Φ90	Φ135	68.5	/	11	114	255

FRAME SIZE 63~71 – B14 MOUNTING DIMENSIONS (IE1 EFFICIENCY) – ALUMINIUM HOUSING

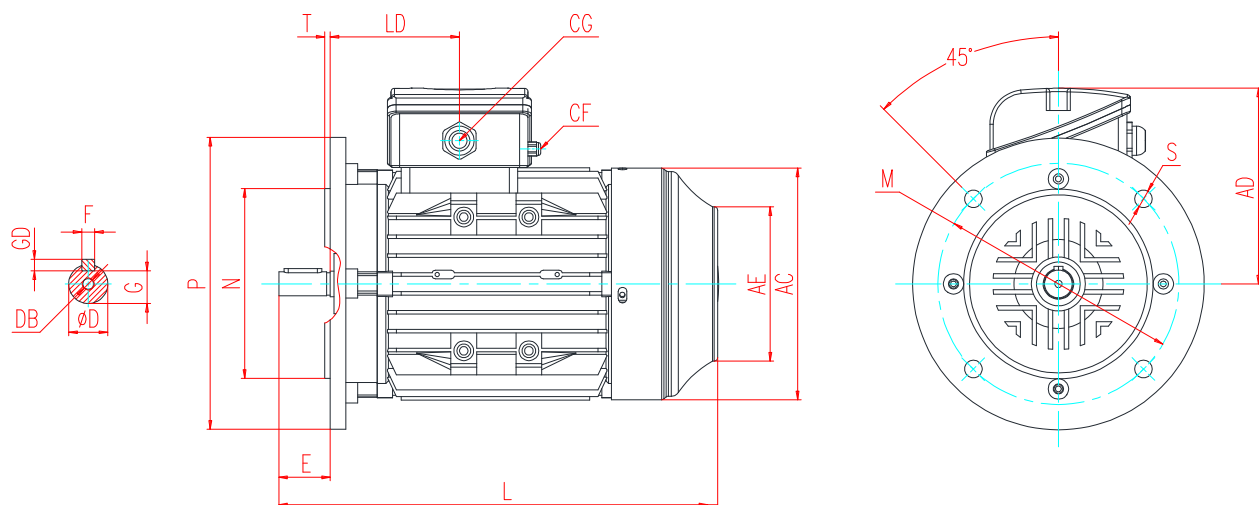


Frame size 63~71 (B14)

Frame Size	B14 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
63	/	/	/	Φ11	23	4	8.5	/	/	/	Φ75	Φ60	Φ90	4-M5	2.5	4	M4x12
71	/	/	/	Φ14	30	5	11	/	/	/	Φ85	Φ70	Φ105	4-M6	2.5	5	M5x20

Frame Size	Cable Gland		B14 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
63	1-M16x1.5	1-M12x1.5	/	Φ90	Φ119	68	/	/	102	230
71	1-M16x1.5	1-M12x1.5	/	Φ90	Φ135	68.5	/	/	114	255

FRAME SIZE 63~71 – B5 MOUNTING DIMENSIONS (IE1 EFFICIENCY) – ALUMINIUM HOUSING

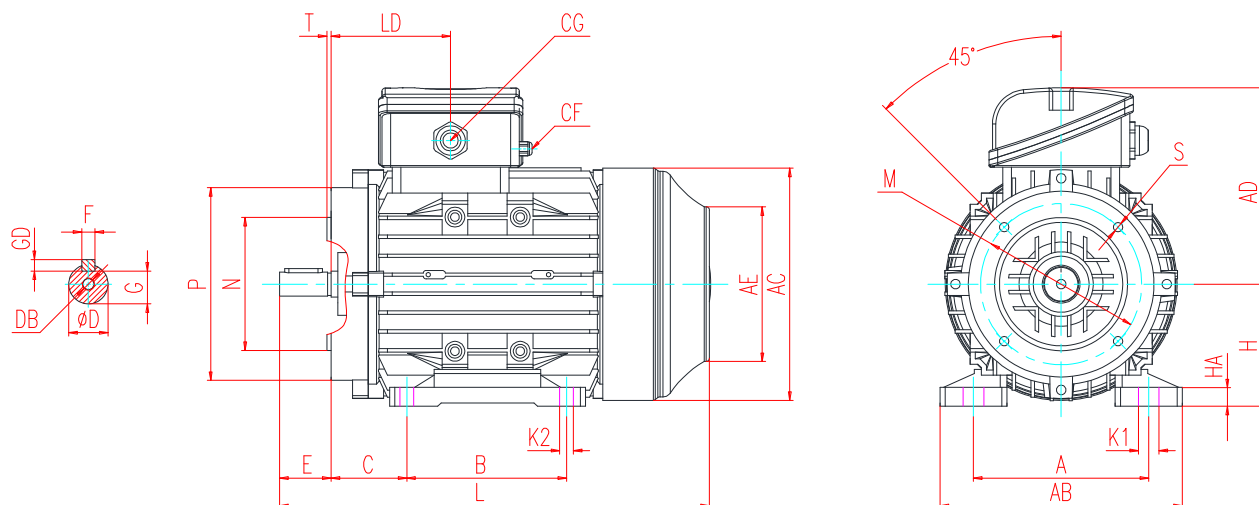


Frame size 63~71 (B5)

Frame Size	B5 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
63	/	/	/	$\phi 11$	23	4	8.5	/	/	/	$\phi 115$	$\phi 95$	$\phi 140$	4- $\phi 10$	2.5	4	M4x12
71	/	/	/	$\phi 14$	30	5	11	/	/	/	$\phi 130$	$\phi 110$	$\phi 160$	4- $\phi 10$	2.5	5	M5x20

Frame Size	Cable Gland		B5 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
63	1-M16x1.5	1-M12x1.5	/	$\phi 90$	$\phi 119$	68	/	/	102	230
71	1-M16x1.5	1-M12x1.5	/	$\phi 90$	$\phi 135$	68.5	/	/	114	255

FRAME SIZE 63~71 – B34 MOUNTING DIMENSIONS (IE1 EFFICIENCY) – ALUMINIUM HOUSING

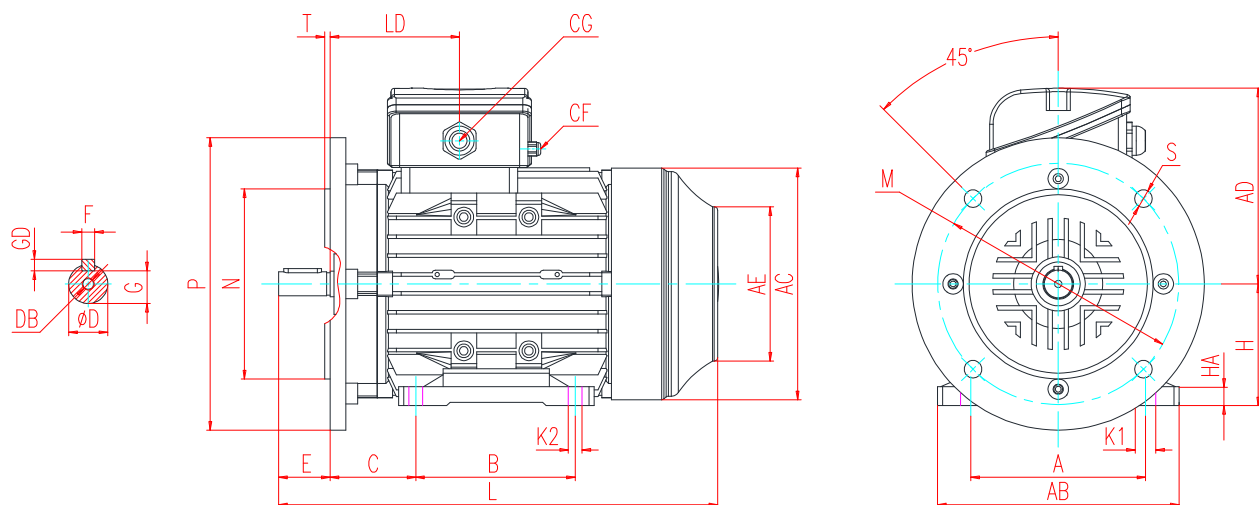


Frame size 63~71 (B34)

Frame Size	B34 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
63	100	80	40	$\phi 11$	23	4	8.5	63	9.5	7	$\phi 75$	$\phi 60$	$\phi 90$	4-M5	2.5	4	M4x12
71	112	90	45	$\phi 14$	30	5	11	71	11	7	$\phi 85$	$\phi 70$	$\phi 105$	4-M6	2.5	5	M5x20

Frame Size	Cable Gland		B34 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
63	1-M16x1.5	1-M12x1.5	123	$\phi 90$	$\phi 119$	68	/	9	102	230
71	1-M16x1.5	1-M12x1.5	141	$\phi 90$	$\phi 135$	68.5	/	11	114	255

FRAME SIZE 63~71 – B35 MOUNTING DIMENSIONS (IE1 EFFICIENCY) – ALUMINIUM HOUSING

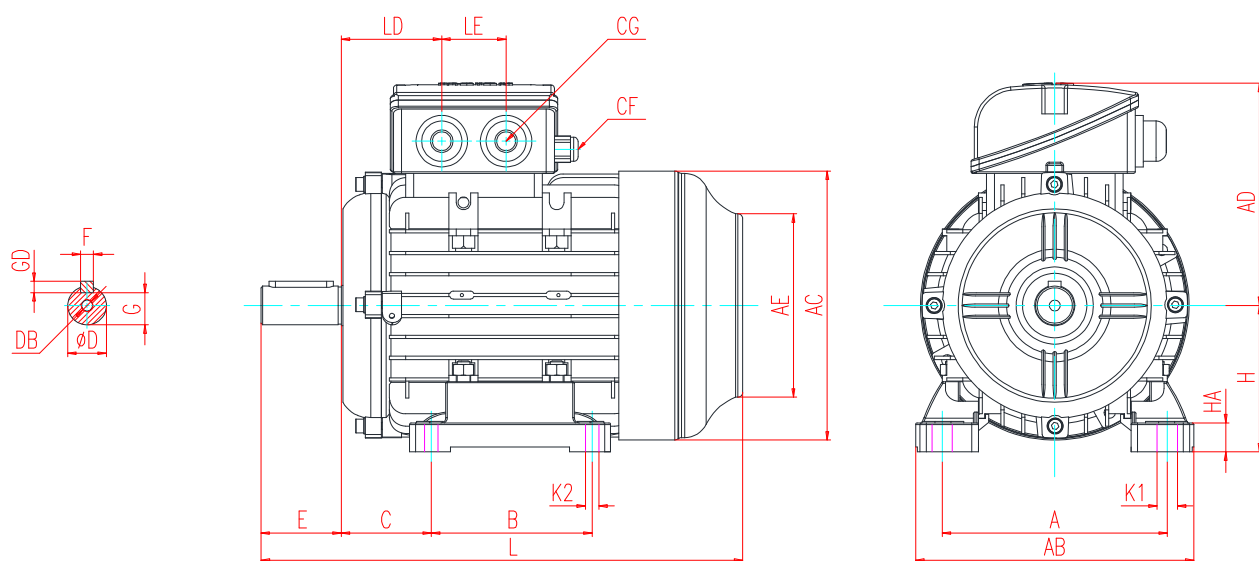


Frame size 63~71 (B35)

Frame Size	B35 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
63	100	80	40	Φ11	23	4	8.5	63	9.5	7	Φ115	Φ95	Φ140	4-Φ10	2.5	4	M4x12
71	112	90	45	Φ14	30	5	11	71	11	7	Φ130	Φ110	Φ160	4-Φ10	2.5	5	M5x20

Frame Size	Cable Gland		B35 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
63	1-M16x1.5	1-M12x1.5	123	Φ90	Φ119	68	/	9	102	230
71	1-M16x1.5	1-M12x1.5	141	Φ90	Φ135	68.5	/	11	114	255

FRAME SIZE 80~132 – B3 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

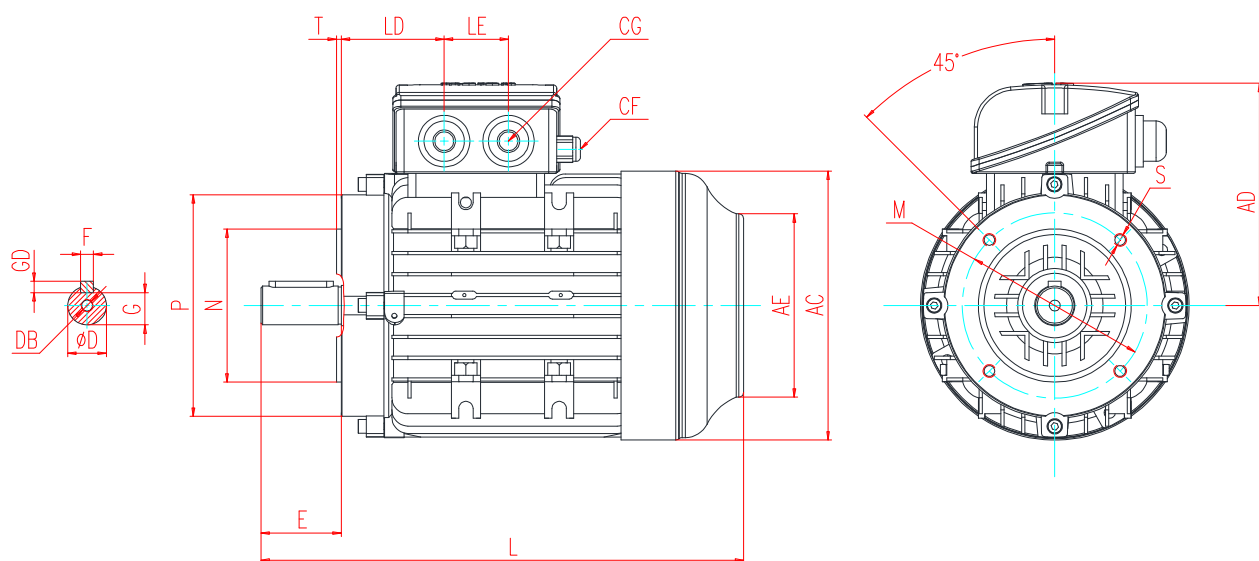


Frame size 80~132 (B3)

Frame Size	B3 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
80M	125	100	50	Φ19	40	6	15.5	80	14	10	/	/	/	/	/	6	M6x16
90S	140	100	56	Φ24	50	8	20	90	14	10	/	/	/	/	/	7	M8x19
90L	140	125	56	Φ24	50	8	20	90	14	10	/	/	/	/	/	7	M8x19
100L	160	140	63	Φ28	60	8	24	100	20	12	/	/	/	/	/	7	M10x22
112M	190	140	70	Φ28	60	8	24	112	20	12	/	/	/	/	/	7	M10x22
132S	216	140	89	Φ38	80	10	33	132	20	12	/	/	/	/	/	8	M12x28
132M	216	178	89	Φ38	80	10	33	132	20	12	/	/	/	/	/	8	M12x28

Frame Size	Cable Gland		B3 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
80M	2-M25x1.5	1-M12x1.5	162	Φ107	Φ158	80	40	12.5	135	270
90S	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	300
90L	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	325
100L	2-M32x1.5	1-M12x1.5	203	Φ132	Φ194	71	40	16	153	374
112M	2-M32x1.5	1-M12x1.5	227	Φ136	Φ218	72	40	18	169	394
132S	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	465
132M	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	505

FRAME SIZE 80~132 – B14 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

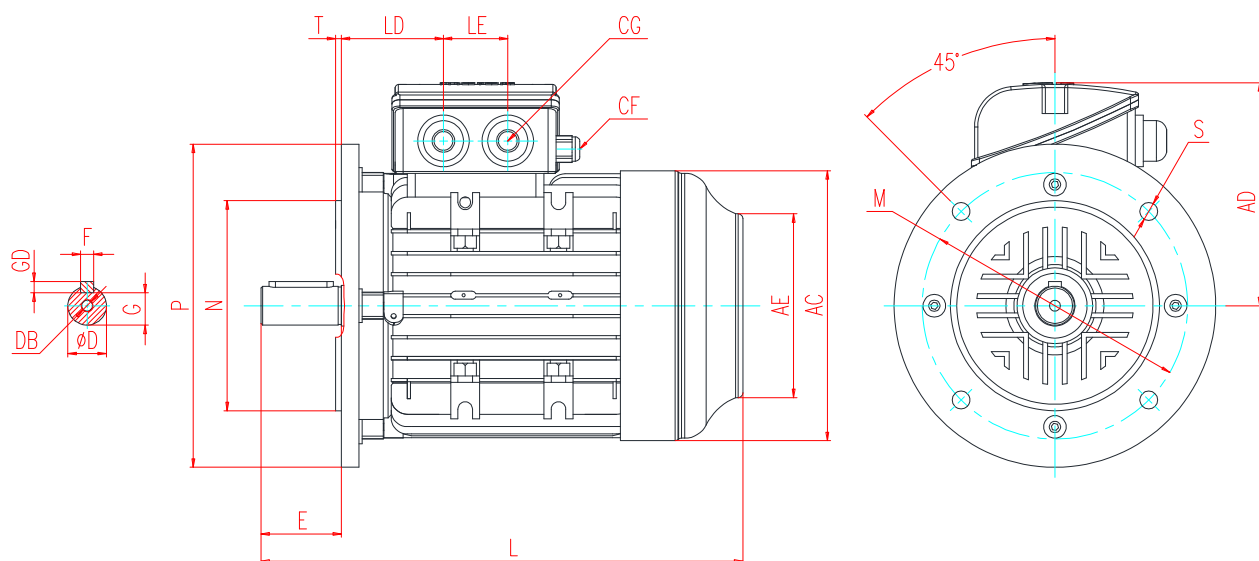


Frame size 80~132 (B14)

Frame Size	B14 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
80M	/	/	/	Φ19	40	6	15.5	/	/	/	Φ100	Φ80	Φ120	4–M6	3	6	M6x16
90S	/	/	/	Φ24	50	8	20	/	/	/	Φ115	Φ95	Φ140	4–M8	3	7	M8x19
90L	/	/	/	Φ24	50	8	20	/	/	/	Φ115	Φ95	Φ140	4–M8	3	7	M8x19
100L	/	/	/	Φ28	60	8	24	/	/	/	Φ130	Φ110	Φ160	4–M8	4	7	M10x22
112M	/	/	/	Φ28	60	8	24	/	/	/	Φ130	Φ110	Φ160	4–M8	4	7	M10x22
132S	/	/	/	Φ38	80	10	33	/	/	/	Φ165	Φ130	Φ200	4–M10	4	8	M12x28
132M	/	/	/	Φ38	80	10	33	/	/	/	Φ165	Φ130	Φ200	4–M10	4	8	M12x28

Frame Size	Cable Gland		B14 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
80M	2-M25x1.5	1-M12x1.5	/	Φ107	Φ158	80	40	/	135	270
90S	2-M25x1.5	1-M12x1.5	/	Φ114	Φ167	64	40	/	138	300
90L	2-M25x1.5	1-M12x1.5	/	Φ114	Φ167	64	40	/	138	325
100L	2-M32x1.5	1-M12x1.5	/	Φ132	Φ194	71	40	/	153	374
112M	2-M32x1.5	1-M12x1.5	/	Φ136	Φ218	72	40	/	169	394
132S	2-M32x1.5	1-M12x1.5	/	Φ156	Φ256	72	40	/	190	465
132M	2-M32x1.5	1-M12x1.5	/	Φ156	Φ256	72	40	/	190	505

FRAME SIZE 80~132 – B5 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

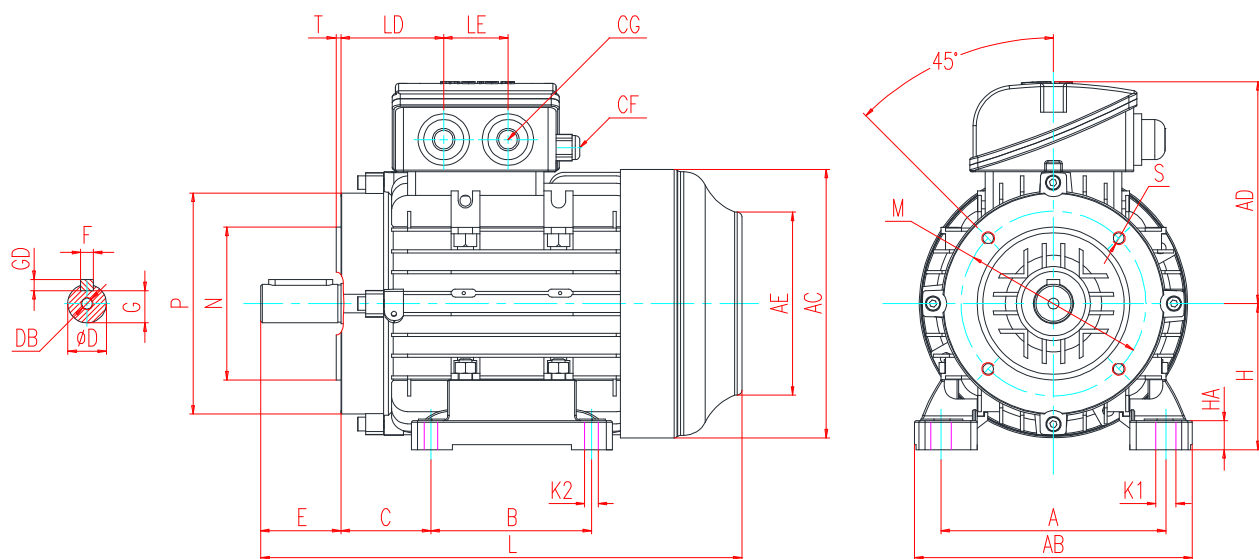


Frame size 80~132 (B5)

Frame Size	B5 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
80M	/	/	/	Φ19	40	6	15.5	/	/	/	Φ165	Φ130	Φ200	4-Φ11	3	6	M6x16
90S	/	/	/	Φ24	50	8	20	/	/	/	Φ165	Φ130	Φ200	4-Φ11	3	7	M8x19
90L	/	/	/	Φ24	50	8	20	/	/	/	Φ165	Φ130	Φ200	4-Φ11	3	7	M8x19
100L	/	/	/	Φ28	60	8	24	/	/	/	Φ215	Φ180	Φ250	4-Φ15	4	7	M10x22
112M	/	/	/	Φ28	60	8	24	/	/	/	Φ215	Φ180	Φ250	4-Φ15	4	7	M10x22
132S	/	/	/	Φ38	80	10	33	/	/	/	Φ265	Φ230	Φ300	4-Φ15	4	8	M12x28
132M	/	/	/	Φ38	80	10	33	/	/	/	Φ265	Φ230	Φ300	4-Φ15	4	8	M12x28

Frame Size	Cable Gland		B5 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
80M	2-M25x1.5	1-M12x1.5	/	Φ107	Φ158	80	40	/	135	270
90S	2-M25x1.5	1-M12x1.5	/	Φ114	Φ167	64	40	/	138	300
90L	2-M25x1.5	1-M12x1.5	/	Φ114	Φ167	64	40	/	138	325
100L	2-M32x1.5	1-M12x1.5	/	Φ132	Φ194	71	40	/	153	374
112M	2-M32x1.5	1-M12x1.5	/	Φ136	Φ218	72	40	/	169	394
132S	2-M32x1.5	1-M12x1.5	/	Φ156	Φ256	72	40	/	190	465
132M	2-M32x1.5	1-M12x1.5	/	Φ156	Φ256	72	40	/	190	505

FRAME SIZE 80~132 – B34 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

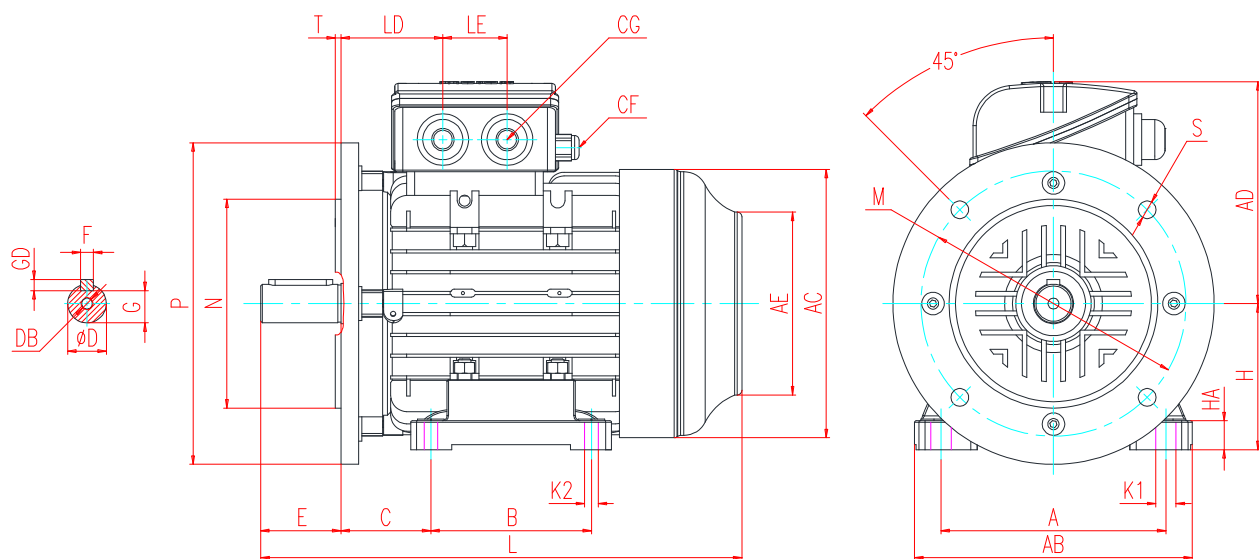


Frame size 80~132 (B34)

Frame Size	B34 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
80M	125	100	50	Φ19	40	6	15.5	80	14	10	Φ100	Φ80	Φ120	4-M6	3	6	M6x16
90S	140	100	56	Φ24	50	8	20	90	14	10	Φ115	Φ95	Φ140	4-M8	3	7	M8x19
90L	140	125	56	Φ24	50	8	20	90	14	10	Φ115	Φ95	Φ140	4-M8	3	7	M8x19
100L	160	140	63	Φ28	60	8	24	100	20	12	Φ130	Φ110	Φ160	4-M8	4	7	M10x22
112M	190	140	70	Φ28	60	8	24	112	20	12	Φ130	Φ110	Φ160	4-M8	4	7	M10x22
132S	216	140	89	Φ38	80	10	33	132	20	12	Φ165	Φ130	Φ200	4-M10	4	8	M12x28
132M	216	178	89	Φ38	80	10	33	132	20	12	Φ165	Φ130	Φ200	4-M10	4	8	M12x28

Frame Size	Cable Gland		B34 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
80M	2-M25x1.5	1-M12x1.5	162	Φ107	Φ158	80	40	12.5	135	270
90S	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	300
90L	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	325
100L	2-M32x1.5	1-M12x1.5	203	Φ132	Φ194	71	40	16	153	374
112M	2-M32x1.5	1-M12x1.5	227	Φ136	Φ218	72	40	18	169	394
132S	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	465
132M	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	505

FRAME SIZE 80~132 – B35 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

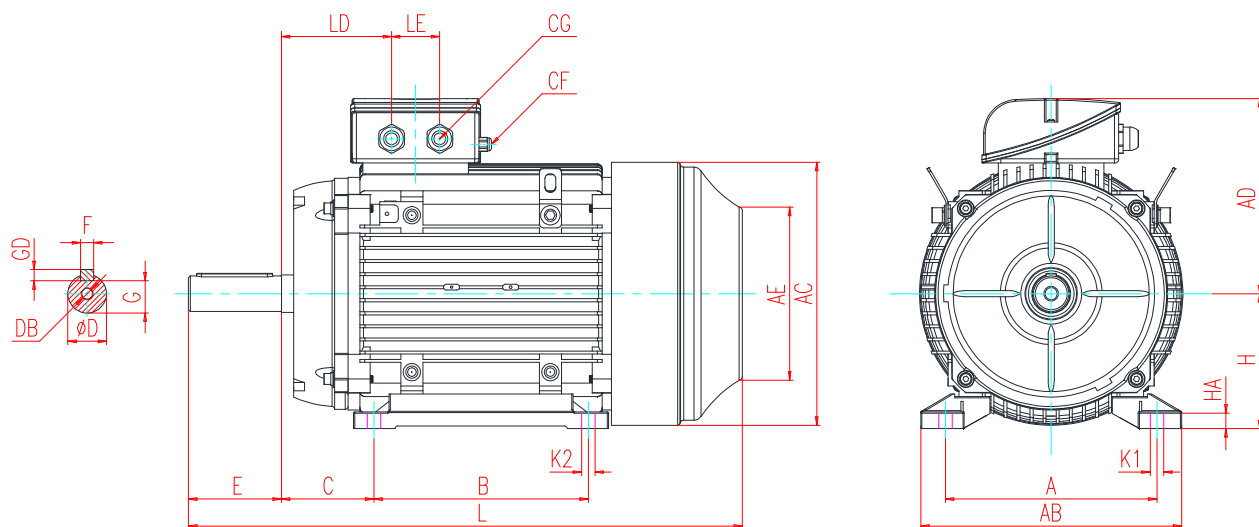


Frame size 80~132 (B35)

Frame Size	B35 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
80M	125	100	50	Φ19	40	6	15.5	80	14	10	Φ165	Φ130	Φ200	4-Φ11	3	6	M6x16
90S	140	100	56	Φ24	50	8	20	90	14	10	Φ165	Φ130	Φ200	4-Φ11	3	7	M8x19
90L	140	125	56	Φ24	50	8	20	90	14	10	Φ165	Φ130	Φ200	4-Φ11	3	7	M8x19
100L	160	140	63	Φ28	60	8	24	100	20	12	Φ215	Φ180	Φ250	4-Φ15	4	7	M10x22
112M	190	140	70	Φ28	60	8	24	112	20	12	Φ215	Φ180	Φ250	4-Φ15	4	7	M10x22
132S	216	140	89	Φ38	80	10	33	132	20	12	Φ265	Φ230	Φ300	4-Φ15	4	8	M12x28
132M	216	178	89	Φ38	80	10	33	132	20	12	Φ265	Φ230	Φ300	4-Φ15	4	8	M12x28

Frame Size	Cable Gland		B35 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
80M	2-M25x1.5	1-M12x1.5	162	Φ107	Φ158	80	40	12.5	135	270
90S	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	300
90L	2-M25x1.5	1-M12x1.5	174	Φ114	Φ167	64	40	18	138	325
100L	2-M32x1.5	1-M12x1.5	203	Φ132	Φ194	71	40	16	153	374
112M	2-M32x1.5	1-M12x1.5	227	Φ136	Φ218	72	40	18	169	394
132S	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	465
132M	2-M32x1.5	1-M12x1.5	257	Φ156	Φ256	72	40	20	190	505

FRAME SIZE 160 – B3 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

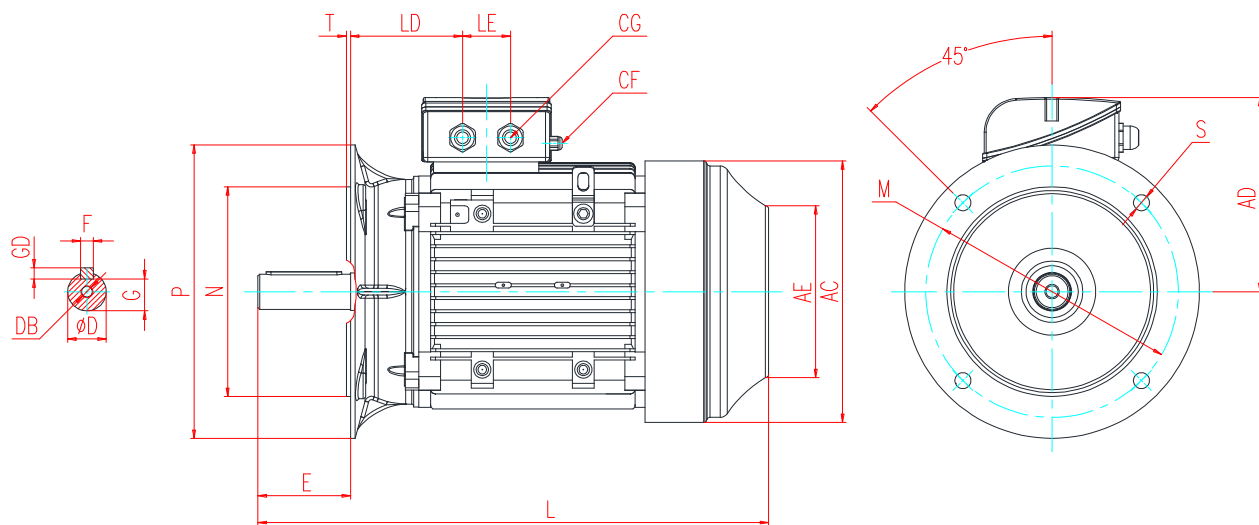


Frame size 160 (B3)

Frame Size	B3 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
160M	254	210	108	Φ42	110	12	37	160	17	14	/	/	/	/	/	8	M16x40
160L	254	254	108	Φ42	110	12	37	160	17	14	/	/	/	/	/	8	M16x40

Frame Size	Cable Gland		B3 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
160M	2-M40x1.5	1-M12x1.5	309	Φ260	Φ311	130	57	20	231	613
160L	2-M40x1.5	1-M12x1.5	309	Φ260	Φ311	130	57	20	231	656

FRAME SIZE 160 – B5 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

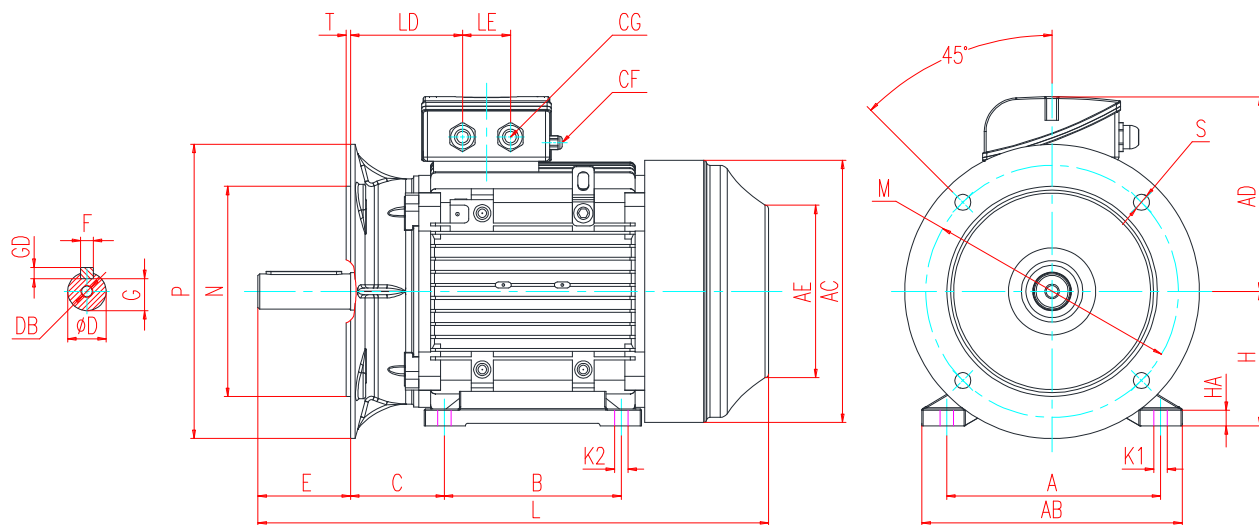


Frame size 160 (B5)

Frame Size	B5 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
160M	/	/	/	Φ42	110	12	37	/	/	/	Φ300	Φ250	Φ350	4-Φ19	5	8	M16x40
160L	/	/	/	Φ42	110	12	37	/	/	/	Φ300	Φ250	Φ350	4-Φ19	5	8	M16x40

Frame Size	Cable Gland		B5 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
160M	2-M40x1.5	1-M12x1.5	/	Φ260	Φ311	130	57	/	231	613
160L	2-M40x1.5	1-M12x1.5	/	Φ260	Φ311	130	57	/	231	656

FRAME SIZE 160 – B35 MOUNTING DIMENSIONS (IE2 / IE3 EFFICIENCY) – ALUMINIUM HOUSING

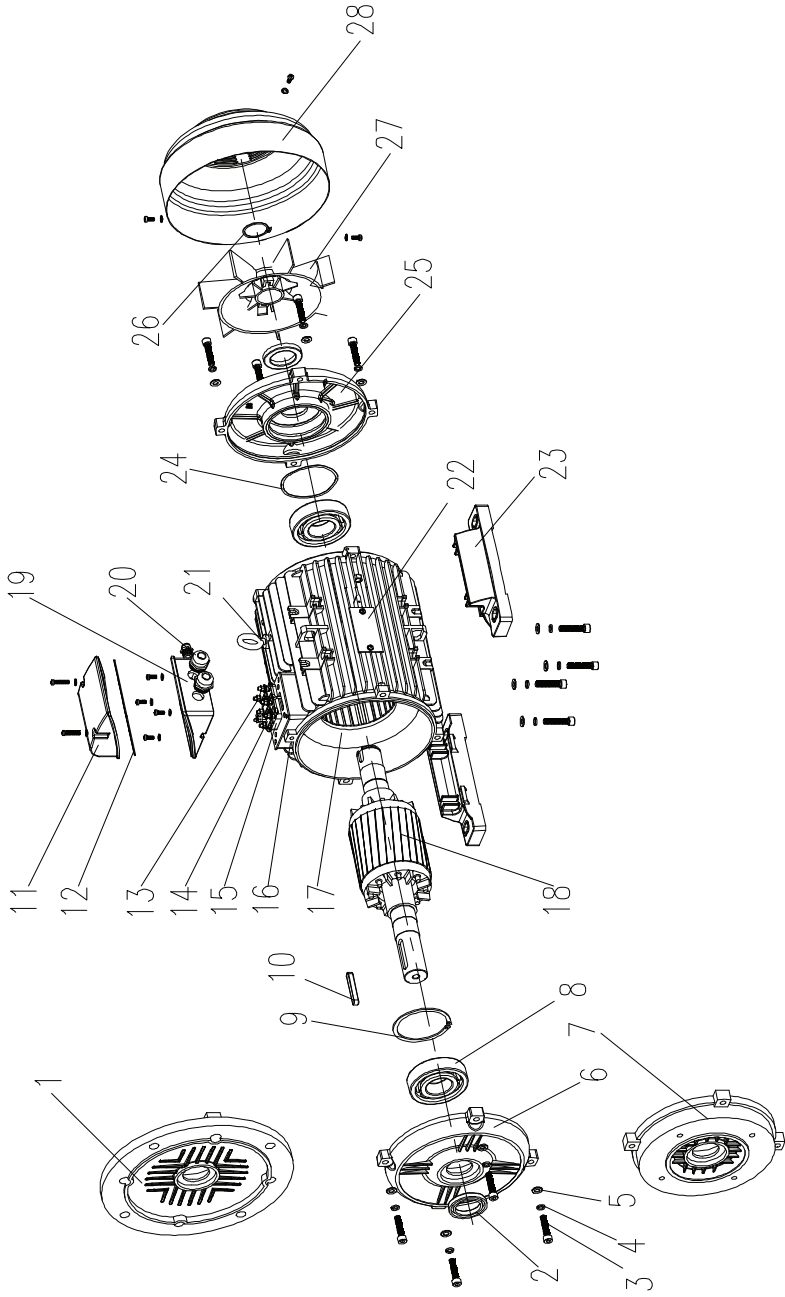


Frame size 160 (B35)

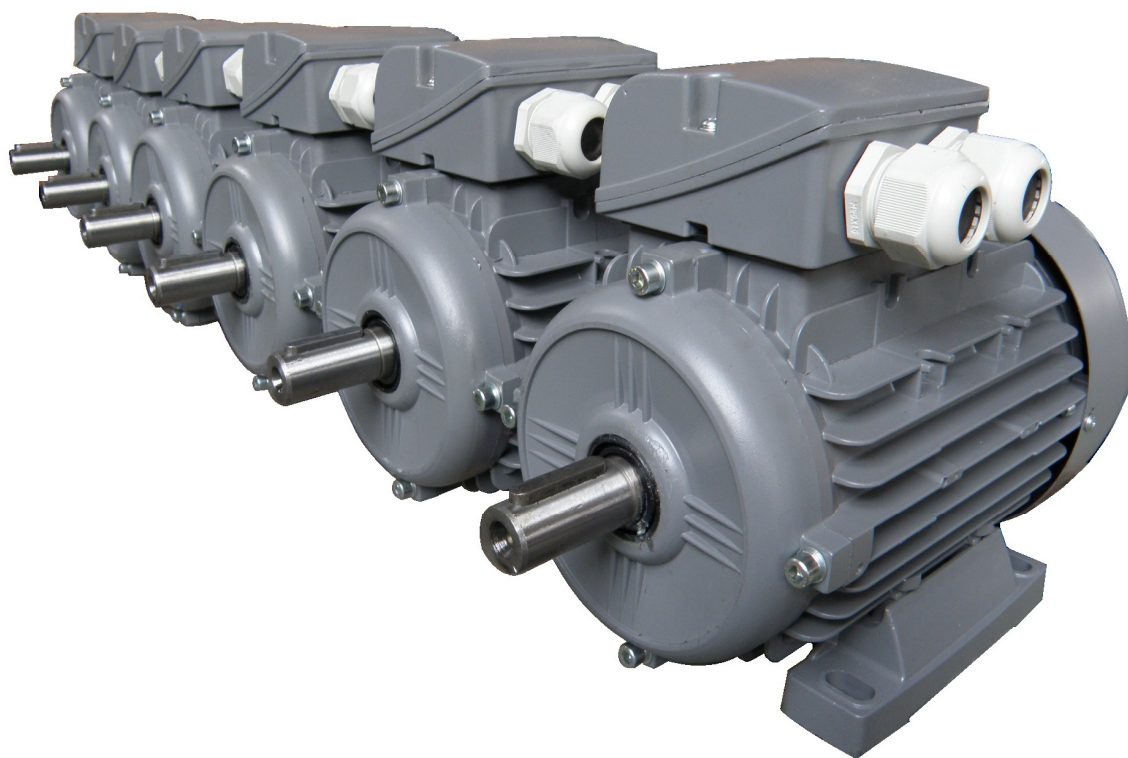
Frame Size	B35 Mounting Dimensions (mm)																
	A	B	C	D	E	F	G	H	K1	K2	M	N	P	S	T	GD	DB
160M	254	210	108	$\phi 42$	110	12	37	160	17	14	$\phi 300$	$\phi 250$	$\phi 350$	4- $\phi 19$	5	8	M16x40
160L	254	254	108	$\phi 42$	110	12	37	160	17	14	$\phi 300$	$\phi 250$	$\phi 350$	4- $\phi 19$	5	8	M16x40

Frame Size	Cable Gland		B35 Outline Dimensions (mm)							
	CG	CF	AB	AE	AC	LD	LE	HA	AD	L
160M	2-M40x1.5	1-M12x1.5	309	$\phi 260$	311	130	57	20	231	613
160L	2-M40x1.5	1-M12x1.5	309	$\phi 260$	311	130	57	20	231	656

EXPLODED ALUMINIUM HOUSING MOTOR (H-IE1/IE2/IE3-63~160)



1. B5 Flange	2. Oil Seal	3. Bolt	4. Spring Washer	5. Flat Washer	6. Front Endshield	7. B14 Flange
8. Bearing	9. Bearing Clamp	10. Key	11. Terminal Box Lid	12. Gasket	13. Brass Lug	14. Brass Lug
15. Terminal Board	16. Aluminium Frame	17. Stator	18. Rotor	19. Terminal Box Base	20. Cable Gland	21. Eye Bolt
22. Nameplate	23. Removable Feet	24. Wave Washer	25. Rear Endshield	26. Fan Clamp	27. Fan	28. Fan Cowl



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