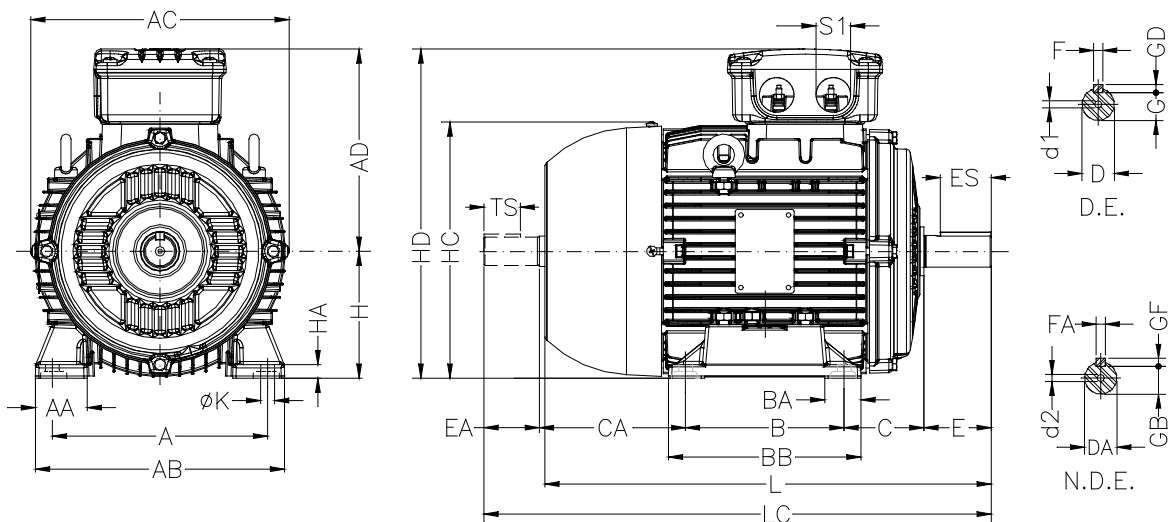


Mechanical Data

Foot Mounted Motors



Frame	A	AA	AB	AC	AD	B	BA	BB	C	CA	Shaft Dimensions												H	HA	HC	HD	K	L	LC	S1	d1	d2	Bearings	
											D	E	ES	F	G	GD	DA	EA	TS	FA	GB	GF											D.E.	N.D.E.
63	100	19	116	125	119	80	23	95	40	78	11j6	23	14	4	8.5	4	9j6	20	12	3	7.2	3	63	6	124	182	6	216	241	2xM20x1.5	EM4	EM3	6201-ZZ	
71	112	28	134	141	127	90	24.5	108	45	88	14j6	30	18	5	11	5	11j6	23	14	4	8.5	4	71	8	139	198	8	248	276		DM5	EM4	6203-ZZ	6202-ZZ
80	125	32	155	159	136	100	28	124	50	93	19j6	40	28	6	15.5	6	14j6	30	18		11	5	80	8	157	216	10	276	313		DM6	DM4	6204-ZZ	6203-ZZ
90S/L	140	35	170	179	155	125	24	146	56	129	24j6	50	36		20		16j6	40	28	5	13	5	90	9	177	245	10	330	375	2xM25x1.5	DM8	DM6	6205-ZZ	6204-ZZ
100L	160	40	196	200	165	140	30	163	63	118					24		22j6			6	18.5	6	100	10	198	265	12	376	431		DM10	DM8	6206-ZZ	6205-ZZ
112M	190	46	220	223	184	140	50	170	70	128	28j6	60	45				24j6	50	36	6	20	6	112	12	235	296	12	393	448				6307-ZZ	6206-ZZ
S132S	216	44	248	270	212	140	40	170	89	150	38k6	80	63	10	33	8	28j6	60	45		24	7	132	12	274	344	12	452	519	2xM32x1.5	DM12	DM10	6308-ZZ	6207-ZZ
132S	216	44	248	270	212	140	40	170	89	188	38k6	80	63	10	33	8	28j6	60	45	8			132	12	274	344	12	452	519				6308-ZZ	6207-ZZ
132M	216	44	248	270	212	178	32	210	89	150	38k6	80	63	10	33	8	28j6	60	45		24		132	12	274	344	12	490	557		DM12	DM10	6308-ZZ	6207-ZZ
160M/L	254	62	308	347	255	210	54	298	108	218	42k6			12	37	8	42k6	110	80	12	37	8	160	18	313	414	14.5	634	756	2xM40x1.5			6309-C3	6209-Z-C3
180M/L	279	68	350	366	274	241	54	322	121	238	48k6	110	80	14	42.5	9		110	80	14			180	20	354	454	14.5	694	820		DM16	DM16	6311-C3	6211-Z-C3
200M/L	318	73	385	386	300	267	60	370	133	260	55m6			16	49	10		110	80	14			200	25	393	500	18.5	758	880				6312-C3	6212-Z-C3

*The following motors have longer lamination core length, and consequently, a larger frame.

Standard frames:

L90S/L (IE2 – 2.2 kW, 2 poles) - L dimension is 360 mm and LC dimension is 405 mm

L90S/L (IE2 – 1.5 kW, 4 poles) - L dimension is 360 mm and LC dimension is 405 mm

L100L (IE2 – 3 kW, 4 poles) - L dimension is 420 mm and LC dimension is 475 mm

L112M (IE2 – 4 kW, 4 poles) - L dimension is 425 mm and LC dimension is 480 mm

L100L (IE3 – 3.0 kW, 4 poles) - L dimension is 420 mm and LC dimension is 475 mm

Optional frames:

80 (IE2 – 1.1 kW, 4 poles) - L dimension is 325 mm and LC dimension is 362 mm

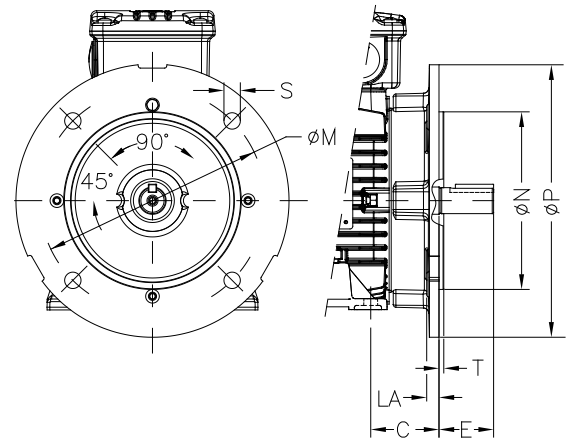
90S/L (IE2 – 3.0 kW, 2 poles and IE2 – 2.2 kW, 4 poles) - dimension is 360 mm and LC dimension is 406 mm

112M (IE2 – 7.5 kW, 2 poles and 5.5 kW, 4 poles) - L dimension is 423 mm and LC dimension is 478 mm

Flange mounted motors

“FF” Flange

Frame	"FF" Flange Dimensions									N° of Holes
	Flange	C	LA	M	N	P	T	S	a	
63	FF-115	40	9	115	95	140	3	10	45°	4
71	FF-130	45		130	110	160	3.5			
80	FF-165	50	10	165	130	200		12		
90S/L		56								
100L	FF-215	63	11	215	180	250	4	15		
112M		70								
S132S	FF-265	89	12	265	230	300	5	19		
132S/M	FF-265	89	12	265	230	300				
160M/L	FF-300	108	18	300	250	350				
180M/L		121								
200M/L	FF-350	133		350	300	400				



“C-DIN” Flange

Frame	"C" DIN Flange Dimensions							N° of Holes
	Flange	C	M	N	P	S	T	
63	C-90	40	75	60	90	M5	2.5	4
71	C-105	45	85	70	105	M6		
80	C-120	50	100	80	120		3	
90S/L	C-140	56	115	95	140	M8		
100L	C-160	63	130	110	160		3.5	
112M		70						
S132S	C-200	89	165	130	200	M10		
132S/M	C-200	89	165	130	200	M10		

