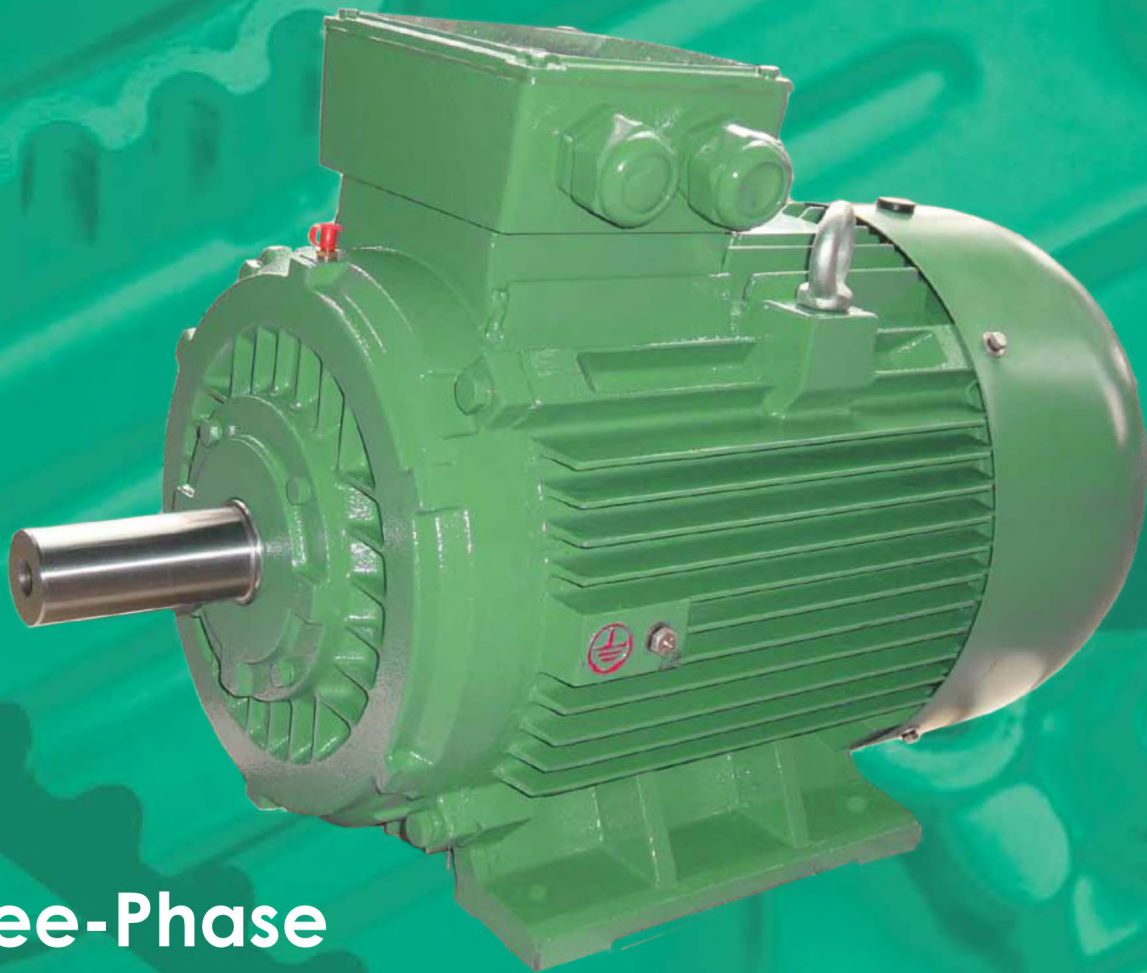




Providing You Revolutionary Solutions

WE & WEA Series



**Three-Phase
TEFC
High Efficiency Motor
IE2**

Comply with BS EN 60034-1: 2004 (Incorporating Amendment No.1) and
BS EN 60034-2: 1999, Singapore standard SS530

COMPANY PROFILE



WE series are 3-phase TEFC Cast-Iron high efficiency general purpose induction motors, which are designed to meet or exceed the requirements for energy efficiency such as: European Eff1, Australia level 1B, Cemp-eu (eff 1), SS530 and GB18613-2006.

These motors are also built to comply with the requirements for European “CE” marking and International Electrotechnical Commission – IEC 60034 (included 60034-1, 60034-5, 60034-7, 60034-8, 60034-9, 60034-11, 60034-12 and 60034-14). Compliance with IEC60034 means that these motors also complies with many standards from other countries that are based on IEC60034.

Features of WE series motors include :

European design, better structure with high strength ragged cast iron frames, Removable feet with more flexibility, suitable for the application of petroleum, chemical, metallurgy, cement and parper industries, especially suitable for the long time and at full capcity operation of the fans, pumps & compressors etc.

Standard Specification:

Item	Standard Specifications
Type of Motor	Totally-enclosed fan-cooled squirrel cage induction motor
Time duty	Maximum continuous rating, S1 duty
Cooling method	Self external fan, Cooling design IEC 34-6, IC 411
Method of starting	Full voltage direct on line starting or star-delta starting
Mounting	Horizontal foot mounting, flange mounting : B3; B5; B14; B34; B35; V1
Insulation class & Temperature rise	Adopting class F insulation and checking permissible limits of temperature rise against that of class B to improve the insulation reliability
Rotor winding	Squirrel cage, aluminium conductor with end-ring and waffer blades integrally cast
Drive method	Direct , unless otherwise specified
Direction of rotation	Bi-directional, Direction of rotation of motor can be reversed by interchanging any two of the power lines
Test procedure	IEC60034-2, GB/T1032 efficiency by summation of losses method
Shaft	Carbon steel, round shaft with key
Bearing	Grease pre-packed shielded ball bearing
Lubrication	Lithium-base grease (shell Alvania R3)
Painting	Phenolic rust-proof base plus lacquer surface finish; Painting in Green
Nameplate	Stainless steel
Grounding terminal	NE set inside the terminal box
Fan	Polypropylene plastic
Balancing	Executed with half sized key IEC 34-14 ISO 8821
Environmental conditions	Place : Non-hazardous Standard Ambient temperature : -20°C to 40° C Relative Humidity: Less than 90% RH (non-condensation) Altitude: less than 1000 metres above sea level
Certification	Comply with BS EN 60034-1:2004 (Incorporating Amendment No.1) and BS EN 60034-2: 1999 Reference: Test Report No. S09EEC02080/A/SYG/YCY dated 12 Oct 2009

TUV Certification



CERTIFICATIONS

ATT Service Offer

1. IP56
2. IP66
3. Class H Insulation
4. Multi-speed
5. Special paint finished
6. Special volt/hz
7. Corrosion-proof
8. PTC thermister for heater thermal protection
9. Anti-condensation heater
10. Special shaft extension
11. Inverter duty application
12. Double ended shaft
13. Grease relief for frames down to 100L
14. Sun canopy
15. Brake motor
16. TENV motors
17. Extend lead wire
18. High temp resistance



WE PERFORMANCE DATA AT 50HZ

Synchronous speed (2Pole/3000rpm, 4Pole/1500rpm, 6Pole/1000rpm, 8Pole/750rpm)

Rated Power		Pole	Frame Size	Rated Speed (RPM)	Current			Eff (%) IE2	Power Factor COSθ	Rated Torque (T _{FL}) Nm	T _{ST} / T _{FL}	T _M / T _{FL}	I _{ST} / I _{FL}	Moment of Inertia (kgm ²)	Weight (kg)
KW	HP				380V (A)	400V (A)	415V (A)								
0.55	0.75	4	80	1390	1.4	1.3	1.3	77.1	0.75	3.8	2.3	2.5	6.3	0.0021	19
		2	80	2840	1.8	1.7	1.6	77.4	0.83	2.5	2.3	2.4	6.8	0.0008	18
0.75	1.0	4	80	1390	1.8	1.8	1.7	79.6	0.75	5.2	2.3	2.6	6.5	0.0026	20
		6	90S	910	2.0	1.9	1.9	75.9	0.72	7.9	2.1	2.4	6.8	0.0032	24
		8	100L	690	2.6	2.4	2.4	66.2	0.67	10.4	2.0	2.2	3.5	0.008	30
		2	80	2840	2.4	2.3	2.2	79.6	0.83	3.7	2.3	2.6	7.3	0.0009	20
1.1	1.5	4	90S	1405	2.7	2.5	2.4	81.4	0.75	7.5	2.3	2.5	6.6	0.0026	26
		6	90L	910	2.9	2.7	2.6	78.1	0.73	11.5	2.3	2.5	5.9	0.0042	28
		8	100L	690	3.4	3.3	3.1	70.8	0.69	15.2	2.2	2.4	3.6	0.010	35
1.5	2.0	2	90S	2850	3.2	3.1	3.0	81.3	0.84	5.0	2.5	2.8	7.6	0.0012	26
		4	90L	1405	3.6	3.4	3.3	82.8	0.75	10.2	2.4	2.7	6.9	0.0031	29
		6	100L	920	3.8	3.6	3.5	79.8	0.74	15.6	2.1	2.3	6.0	0.0074	34
		8	112M	690	4.4	4.2	4.0	74.1	0.70	20.8	2.4	2.6	3.9	0.017	40
2.2	3.0	2	90L	2850	4.6	4.4	4.2	83.2	0.85	7.4	2.4	2.7	7.5	0.0014	30
		4	100L	1425	4.8	4.5	4.4	84.3	0.81	14.7	2.3	2.6	7.5	0.0073	37
		6	112M	960	5.4	5.1	5.0	81.8	0.74	22.4	2.2	2.3	6.0	0.0147	45
		8	132S	710	6.1	5.8	5.6	77.6	0.71	29.6	2.3	2.5	4.3	0.031	55
3.0	4.0	2	100L	2880	6.0	5.7	5.5	84.6	0.87	9.9	2.4	2.6	7.5	0.0040	37
		4	100L	1425	6.4	6.0	5.8	85.5	0.82	20.1	2.3	2.7	7.6	0.0073	40
		6	132S	960	7.3	6.9	6.6	83.3	0.74	29.8	2.1	2.3	6.2	0.0305	60
		8	132M	710	7.8	7.4	7.1	80.0	0.73	40.4	2.2	2.4	4.4	0.040	65
4.0	5.5	2	112M	2880	7.9	7.5	7.2	85.8	0.88	13.3	2.3	2.4	7.5	0.0057	47
		4	112M	1440	8.4	8.0	7.7	86.6	0.82	26.5	2.3	2.7	7.7	0.0099	52
		6	132M	960	9.5	9.1	8.7	84.6	0.74	39.8	2.0	2.2	6.8	0.0378	69
		8	160M	720	10.2	9.7	9.3	81.9	0.73	53.1	2.2	2.5	4.4	0.075	95
5.5	7.5	2	132S	2880	10.7	10.2	9.8	87.0	0.88	18.2	2.2	2.7	7.6	0.0112	65
		4	132S	1440	11.4	10.9	10.5	87.7	0.82	36.5	2.1	2.4	7.5	0.0223	70
		6	132M	960	12.7	12.1	11.7	86.0	0.75	54.7	2.0	2.3	7.1	0.0473	82
		8	160L	720	13.5	12.8	12.3	83.8	0.74	73.0	2.2	2.4	5.0	0.093	115
7.5	10	2	132S	290	14.3	13.6	13.1	88.1	0.89	24.7	2.3	2.3	7.2	0.0134	73
		4	132M	1445	15.2	14.5	14.0	88.7	0.83	49.6	2.2	2.5	7.4	0.0308	84
		6	160M	970	16.4	15.6	15.0	87.2	0.78	73.8	2.2	2.5	6.7	0.0924	116
		8	160L	720	17.8	16.9	16.3	85.3	0.75	99.5	2.1	2.3	5.7	0.126	125
11	15	2	160M	2910	20.8	19.7	19.0	89.4	0.89	36.1	2.2	2.3	7.3	0.0391	122
		4	160M	1460	21.6	20.5	19.8	89.8	0.85	72.0	2.3	2.6	7.5	0.0780	135
		6	160L	970	23.5	22.3	21.5	88.7	0.79	108.3	2.1	2.4	6.9	0.01218	143
		8	180L	730	25.6	24.4	23.5	86.9	0.75	143.9	2.3	2.5	5.6	0.203	180
15	20	2	160M	2930	28.0	26.6	25.7	90.3	0.89	48.9	2.2	2.3	7.5	0.0464	133
		4	160L	1460	28.9	27.4	26.4	90.6	0.86	98.1	2.2	2.4	7.5	0.0957	156
		6	180L	970	30.9	29.4	28.3	89.7	0.81	147.7	2.0	2.2	7.2	0.2174	181
		8	200L	730	34.1	32.4	31.2	88.0	0.76	196.2	2.1	2.4	5.5	0.339	220
18.5	25	2	160L	2930	34.4	32.7	31.5	90.9	0.89	60.3	2.4	2.7	7.6	0.0567	152
		4	180M	1470	35.4	33.7	32.5	91.2	0.86	120.2	2.4	2.7	7.7	0.1446	196
		6	200L	970	37.9	36.0	34.7	90.4	0.81	182.1	2.2	2.4	7.2	0.3308	230
		8	225S	730	41.7	39.7	38.2	88.6	0.76	242.0	2.2	2.6	5.6	0.491	260
22	30	2	180M	2930	40.7	38.7	37.3	91.3	0.89	71.7	2.2	2.3	7.7	0.0783	192
		4	180L	1475	42.0	39.9	38.4	91.6	0.86	142.4	2.2	2.5	7.8	0.1643	215
		6	200L	980	37.9	36.0	34.7	90.9	0.82	216.6	2.2	2.5	7.3	0.3780	239
		8	225M	740	48.1	45.7	44.0	89.1	0.78	283.9	2.1	2.4	5.4	0.547	290
30	40	2	200L	2930	55.1	52.4	50.5	92.0	0.89	97.8	2.4	2.6	7.0	0.1277	252
		4	200L	1475	56.9	54.0	52.1	92.3	0.86	194.2	2.2	2.5	7.2	0.2725	275
		6	225M	980	60.8	57.8	55.7	91.7	0.81	292.3	2.1	2.5	7.1	0.5744	301
		8	250M	740	64.3	61.0	58.8	89.8	0.79	387.2	2.2	2.5	5.3	0.830	380
37	50	2	200L	2950	67.7	64.3	62.0	92.5	0.89	119.8	2.2	2.3	7.0	0.1432	275
		4	225S	1480	69.8	66.3	63.9	92.7	0.86	238.8	2.2	2.6	7.3	0.4222	328
		6	250M	980	72.0	68.4	65.9	92.2	0.84	360.6	2.2	2.4	7.1	0.8757	387
		8	280S	740	78.8	74.9	72.2	90.3	0.79	477.5	2.3	2.7	5.6	1.390	490

- Note: 1. IFL = Full Load Current; IST = Locked Rotor Current; TST = Locked Rotor Torque; TM = Maximum or Breakdown Torque.
 2. The data above is based on 400V design, 380V and 415V data is the reference value.
 3. Tolerance according to IEC60034-1.
 4. All technical details are subject to change without prior notice.

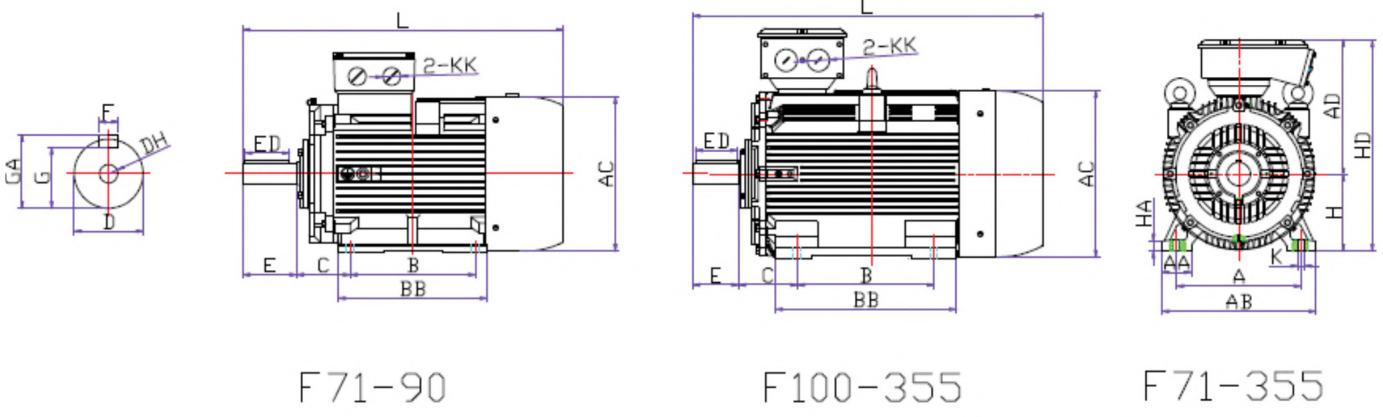
WE PERFORMANCE DATA AT 50Hz

Synchronous speed (2P/3000rpm, 4P/1500rpm, 6P/1000rpm, 8p/750rpm)

Rated Power		Pole	Frame Size	Rated Speed (RPM)	Current			Eff (%)	Power Factor COS ϕ	Rated Torque (T _{FL}) Nm	T _{ST} / T _{FL}	T _M / T _{FL}	I _{ST} / I _{FL}	Moment of Inertia (kgm ²)	Weight (kg)
KW	HP				380V	400V	415V								
					(A)	(A)	(A)	IE2							
45	60	2	225M	2970	82.0	77.9	75.1	92.9	0.89	144.7	2.2	2.3	7.1	0.2400	315
		4	225M	1480	84.7	80.4	77.5	93.1	0.86	290.4	2.2	2.4	7.4	0.4878	355
		6	280S	980	85.0	80.8	77.9	92.7	0.86	438.5	2.0	2.1	7.2	1.4700	501
		8	280M	740	95.4	90.7	87.4	90.7	0.79	580.7	2.1	2.8	5.2	1.650	530
55	75	2	250M	2970	99.9	94.9	91.5	93.2	0.89	176.9	2.2	2.3	7.1	0.3214	417
		4	250M	1480	103.2	98.0	94.5	93.5	0.86	354.9	2.2	2.7	7.4	0.6864	453
		6	280M	980	103.6	98.4	94.9	93.1	0.86	536.0	2.0	2.1	7.2	1.7325	547
		8	315S	740	113.4	107.7	103.8	91.0	0.81	709.8	1.9	2.5	5.7	4.790	770
75	100	2	280S	2970	135.3	128.6	123.9	93.8	0.89	241.2	2.0	2.3	6.5	0.5964	571
		4	280S	1480	136.7	129.9	125.2	94.0	0.88	484.0	2.3	2.5	6.7	1.1648	596
		6	315S	990	142.3	135.2	130.3	93.7	0.85	723.5	2.0	2.3	6.7	4.3155	976
		8	315M	740	153.6	145.9	140.6	91.6	0.81	967.9	2.1	2.8	5.9	5.580	990
90	125	2	280M	2970	161.7	153.6	148.1	94.1	0.89	289.4	2.1	2.4	6.8	0.6953	607
		4	280M	1480	163.6	155.4	149.8	94.2	0.88	580.7	2.3	2.5	6.9	1.5184	693
		6	315M	990	172.3	163.7	157.7	94.0	0.84	868.2	2.0	2.3	6.7	4.4940	1007
		8	315L	740	181.5	172.4	166.2	91.9	0.82	1161.5	2.3	2.9	6.2	6.370	1020
110	150	2	315S	2980	194.7	184.9	178.2	94.3	0.90	352.5	2.0	2.4	7.0	1.2154	965
		4	315S	1480	199.1	189.1	182.3	94.5	0.88	709.8	2.2	2.6	6.9	3.2344	1012
		6	315L	990	207.0	196.6	189.5	94.3	0.85	1061.1	2.0	2.3	6.7	5.7225	1097
		8	315L	740	220.8	209.8	202.2	92.3	0.82	1419.6	2.2	2.8	6.0	7.230	1120
132	180	2	315M	2980	233.6	221.9	213.9	94.6	0.90	423.0	2.2	2.6	7.0	1.5965	1067
		4	315M	1480	238.9	227.0	218.7	94.7	0.88	851.8	2.3	2.7	6.9	3.4216	1147
		6	315L	990	245.5	233.2	224.8	94.6	0.86	1273.3	2.0	2.3	6.7	6.4260	1168
		8	355M	740	264.1	251.0	241.9	92.6	0.82	1704	1.6	2.0	5.2	7.600	1556
160	215	2	315L	2980	280.0	266.0	256.4	94.8	0.91	512.8	2.1	2.4	6.8	1.8128	1151
		4	315L	1480	286.3	272.0	262.2	94.9	0.89	1032.4	2.2	2.6	6.9	3.9416	1224
		6	355M	990	294.1	279.4	269.3	94.8	0.87	1543.4	2.0	2.2	6.7	9.2925	1554
		8	355M	740	318.8	302.8	291.9	93.0	0.82	2066	1.6	2.0	5.2	11.700	1680
185	250	2	315L	2980	325.8	309.5	298.3	94.8	0.91	592.9	1.8	2.2	7.1	2.3872	1100
		4	315L	1485	329.1	312.6	301.3	94.9	0.90	1189.7	2.1	2.2	6.9	4.9270	1090
		6	355M	990	344.8	327.5	315.7	94.8	0.86	1784.6	2.0	2.2	6.8	10.500	1600
		8	355L	740	366.6	348.3	335.7	93.0	0.82	2388	1.6	2.0	5.2	12.500	1760
200	270	2	315L	2980	350.0	332.5	320.5	95.0	0.91	640.9	2.3	2.7	7.2	2.0806	1253
		4	315L	1485	358.0	340.0	327.7	95.1	0.89	1286.2	2.3	2.4	6.9	4.6696	1331
		6	355M	990	367.7	349.3	336.7	95.0	0.87	1929.3	2.0	2.2	6.7	10.028	1768
		8	355L	740	396.4	376.5	363.0	93.5	0.82	2582	1.6	2.0	5.2	12.900	1850
220	300	2	355M	2980	386.7	367.3	354.0	95.0	0.91	705.0	1.6	2.2	7.1	3.200	1560
		4	355M	1490	390.5	371.0	357.6	95.1	0.90	1410.1	2.0	2.2	6.9	7.600	1600
		6	355L	990	409.1	388.7	374.6	95.0	0.86	2122.2	2.0	2.2	6.8	12.900	1730
		8	355	740	436.0	414.2	399.2	93.5	0.82	2839	1.6	2.0	5.2	13.900	2336
250	340	2	355M	2980	437.1	415.2	400.2	95.0	0.91	801.2	2.0	2.2	7.1	3.6668	1638
		4	355M	1490	441.0	418.5	403.4	95.1	0.90	1602.3	2.2	2.4	6.9	5.8968	1650
		6	355L	990	459.6	436.6	420.8	95.0	0.87	2411.6	2.0	2.2	6.7	10.815	1902
		8	355	740	495.5	470.7	453.6	93.5	0.82	3226	1.6	2.0	5.2	14.200	2380
280	380	2	355L	2980	492.1	467.5	450.6	95.0	0.91	897.3	1.6	2.2	7.2	4.400	1720
		4	355L	1490	497.1	472.2	455.1	95.1	0.90	1794.6	2.0	2.2	6.9	9.200	1750
		6	355	990	520.7	494.7	476.8	95.0	0.86	2701.0	2.0	2.2	6.8	13.900	2260
315	430	2	355L	2980	549.0	521.5	502.7	95.0	0.91	1009.5	2.0	2.2	7.1	4.223	1834
		4	355L	1490	555.1	527.3	508.3	95.1	0.90	2019.0	2.2	2.3	6.9	6.9264	1804
		6	355	990	585.8	556.5	536.4	95.0	0.86	3038.6	2.0	2.2	6.8	14.300	2350

- Note:
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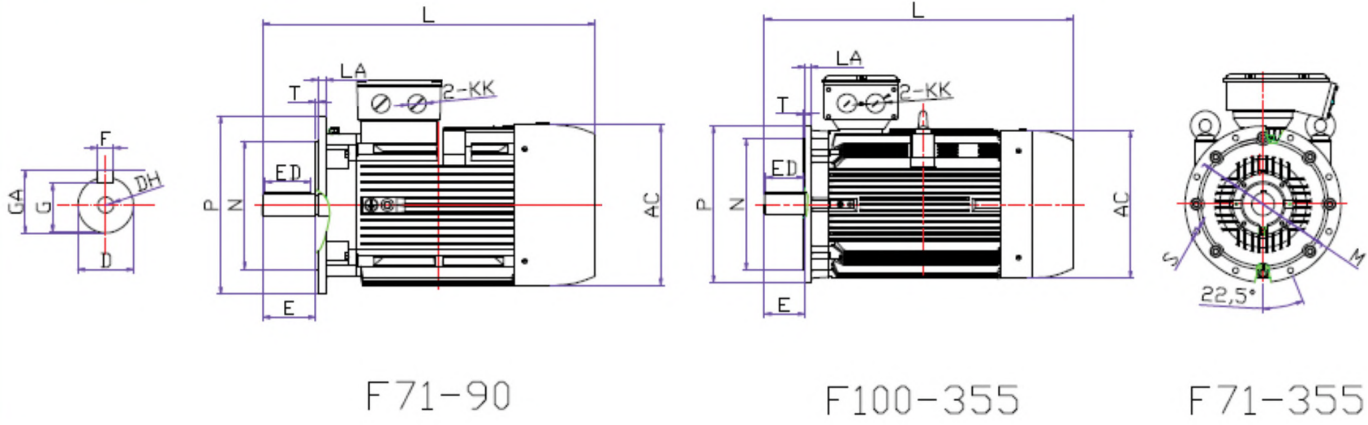
B3



B3 Mounting and Overall Dimensions

Frame Size	Poles	Mounting Dimensions (mm)										Overall Dimensions (mm)										
		A	B	C	D	E	F	G	H	K	DH	GA	AA	AB	AC	AD	BB	KK	ED	HA	HD	L
80	2,4,6,8	125	100	50	19j6	40	6	15.5	80	10	M6X16	21.5	35	160	160	145	130	M25X1.5	25	12	225	280
90S	2,4,6,8	140	100	56	24j6	50	8	20	90	10	M8X19	27	36	180	180	155	140	M25X1.5	40	12	245	315
90L	2,4,6,8	140	125	56	24j6	50	8	20	90	10	M8X19	27	36	180	180	155	165	M25X1.5	40	12	245	340
100L	2,4,6,8	160	140	63	28j6	60	8	24	100	12	M10X22	31	40	200	220	190	175	M25X1.5	45	14	295	435
112M	2,4,6,8	190	140	70	28j6	60	8	24	112	12	M10X22	31	45	230	220	190	180	M32X1.5	45	15	305	450
132S	2,4,6,8	216	140	89	38k6	80	10	33	132	12	M12X28	41	55	265	260	220	190	M32X1.5	63	18	355	465
132M	2,4,6,8	216	178	89	38k6	80	10	33	132	12	M12X28	41	55	265	260	220	230	M32X1.5	63	18	355	505
160M	2,4,6,8	254	210	108	42k6	110	12	37	160	14.5	M16X36	45	65	320	330	255	305	M40X1.5	90	19	425	655
160L	2,4,6,8	254	254	108	42k6	110	12	37	160	14.5	M16X36	45	65	320	330	255	325	M40X1.5	90	19	425	675
180M	2,4,6,8	279	241	121	48k6	110	14	42.5	180	14.5	M16X36	51.5	74	350	380	270	330	M40X1.5	90	22	620	720
180L	2,4,6,8	279	279	121	48k6	110	14	42.5	180	14.5	M16X36	51.5	74	350	380	270	370	M40X1.5	90	22	620	768
200L	2,4,6,8	318	305	133	55m6	110	16	49	200	18.5	M20X42	59	80	395	420	325	370	M50X1.5	90	25	475	775
225S	4,8	356	286	149	60m6	140	18	53	225	18.5	M20X42	64	80	436	465	335	355	M50X1.5	110	28	515	825
225M	2	356	311	149	55m6	110	16	49	225	18.5	M20X42	59	80	436	465	335	380	M50X1.5	90	28	515	850
225M	4,6,8	356	311	149	60m6	140	18	53	225	18.5	M20X42	64	80	436	465	335	380	M50X1.5	110	28	515	850
250M	2	406	349	168	60m6	140	18	53	250	24	M20X42	64	88	495	520	370	440	M63X1.5	110	33	480	935
250M	4,6,8	406	349	168	65m6	140	18	58	250	24	M20X42	69	88	495	520	370	440	M63X1.5	110	33	480	935
280S	2	457	368	190	65m6	140	18	58	280	24	M20X42	69	109	550	570	395	535	M63X1.5	110	35	640	1010
280S	4,6,8	457	368	190	75m6	140	20	67.5	280	24	M20X42	79.5	109	550	570	395	535	M63X1.5	110	35	640	1010
280M	2	457	419	190	65m6	140	18	58	280	24	M20X42	69	109	550	570	395	535	M63X1.5	110	35	640	1010
280M	4,6,8	457	419	190	75m6	140	20	67.5	280	24	M20X42	79.5	109	550	570	395	535	M63X1.5	110	35	640	1010
315S	2	508	406	216	65m6	140	18	58	315	28	M20X42	69	120	635	650	495	565	M63X1.5	110	45	750	1160
315S	4,6,8	508	406	216	80m6	170	22	71	315	28	M20X42	85	120	635	650	495	565	M63X1.5	140	45	750	1190
315M	2	508	457	216	65m6	140	18	58	315	28	M20X42	69	120	635	650	495	675	M63X1.5	110	45	750	1270
315M	4,6,8	508	457	216	80m6	170	22	71	315	28	M20X42	85	120	635	650	495	675	M63X1.5	140	45	750	1300
315L	2	508	508	216	65m6	140	18	58	315	28	M20X42	69	120	635	650	495	675	M63X1.5	110	45	750	1270
315L	4,6,8	508	508	216	80m6	170	22	71	315	28	M20X42	85	120	635	650	495	675	M63X1.5	140	45	750	1300
355M	2	610	560	254	75m6	140	20	67.5	355	28	M20X50	79.5	125	735	735	640	775	M63X1.5	110	49	1000	1500
355M	4,6,8	610	560	254	95m6	170	25	86	355	28	M20X50	100	125	735	735	640	775	M63X1.5	140	49	1000	1530
355L	2	610	630	254	75m6	140	20	67.5	355	28	M20X50	79.5	125	735	735	640	775	M63X1.5	110	49	1000	1500
355L	4,6,8	610	630	254	95m6	170	25	86	355	28	M20X50	100	125	735	735	640	875	M63X1.5	140	49	1000	1630

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B5/V1 Mounting and Overall Dimensions

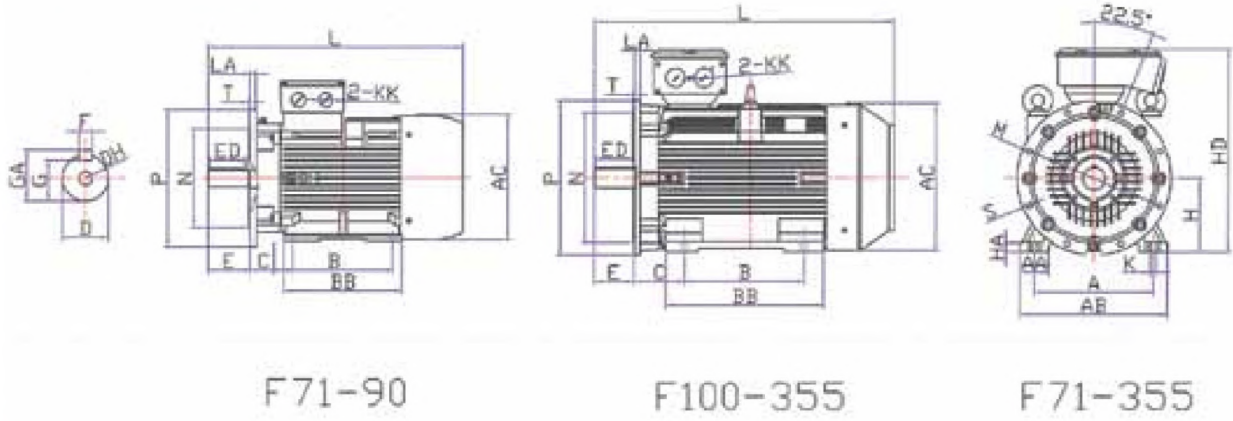
Frame Size	Poles	Mounting dimensions (mm)											Overall Dimensions (mm)				
		D	E	F	G	M	N	P	S	T	DH	GA	AC	ED	KK	LA	L
80	2,4,6	19j6	40	6	15.5	165	130	200	4-ø12	4	M6X16	21.5	160	25	M25X1.5	12	280
90S	2,4,6	24j6	50	8	20	165	130	200	4-ø12	4	M8X20	27	180	40	M25X1.5	12	315
90L	2,4,6	24j6	50	8	20	165	130	200	4-ø12	4	M8X20	27	180	40	M25X1.5	12	340
100L	2,4,6	28j6	60	8	24	215	180	250	4-ø15	4	M10X25	31	220	45	M25X1.5	13	435
112M	2,4,6	28j6	60	8	24	215	180	250	4-ø15	4	M10X25	31	220	45	M32X1.5	14	450
132S	2,4,6	38k6	80	10	33	265	230	300	4-ø14.5	4	M12X30	41	260	63	M32X1.5	14	465
132M	2,4,6	38k6	80	10	33	265	230	300	4-ø14.5	4	M12X30	41	260	63	M32X1.5	14	505
160M	2,4,6,8	42k6	110	12	37	300	250	350	4-ø18.5	5	M16X36	46	315	90	M40X1.5	15	650
160L	2,4,6,8	42k6	110	12	37	300	250	350	4-ø18.5	5	M16X36	46	315	90	M40X1.5	15	690
180M	2,4	48k6	110	14	42.5	300	250	350	4-ø18.5	5	M16X36	51.5	380	90	M40X1.5	15	720
180L	4,6,8	48k6	110	14	42.5	300	250	350	4-ø18.5	5	M16X36	51.5	380	90	M40X1.5	15	768
200L	2,4,6,8	55m6	110	16	49	350	300	400	4-ø18.5	5	M20X42	59	420	90	M50X1.5	17	775
225S	4,8	60m6	140	18	53	400	350	450	4-ø18.5	5	M20X42	64	465	110	M50X1.5	19	825
225M	2	55m6	110	16	49	400	350	450	4-ø18.5	5	M20X42	59	465	90	M50X1.5	19	850
225M	4,6,8	60m6	140	18	53	400	350	450	4-ø18.5	5	M20X42	64	465	110	M50X1.5	19	850
250M	2	60m6	140	18	53	500	450	550	4-ø18.5	5	M20X42	64	520	110	M63X1.5	20	935
250M	4,6,8	65m6	140	18	58	500	450	550	4-ø18.5	5	M20X42	69	520	110	M63X1.5	20	935
280S	2	65m6	140	18	58	500	450	550	4-ø18.5	5	M20X42	69	570	110	M63X1.5	22	1010
280S	4,6,8	75m6	140	20	67.5	500	450	550	4-ø18.5	5	M20X42	79.5	570	110	M63X1.5	22	1010
280M	2	65m6	140	18	58	500	450	550	4-ø18.5	5	M20X42	69	570	110	M63X1.5	22	1010
280M	4,6,8	75m6	140	20	67.5	500	450	550	4-ø18.5	5	M20X42	79.5	570	110	M63X1.5	22	1010
315S	2	65m6	140	18	58	600	550	660	8-ø24	6	M20X42	69	650	110	M63X1.5	24	1160
315S	4,6,8	80m6	170	22	71	600	550	660	8-ø24	6	M20X42	85	650	140	M63X1.5	24	1190
315M	2	65m6	140	18	58	600	550	660	8-ø24	6	M20X42	69	650	110	M63X1.5	24	1270
315M	4,6,8	80m6	170	22	71	600	550	660	8-ø24	6	M20X42	85	650	140	M63X1.5	24	1300
315L	2	65m6	140	18	58	600	550	660	8-ø24	6	M20X42	69	650	110	M63X1.5	24	1270
315L	4,6,8	80m6	170	22	71	600	550	660	8-ø24	6	M20X42	85	650	140	M63X1.5	24	1300
355M	2	75m6	140	20	67.5	740	680	800	8-ø24	6	M20X50	79.5	735	110	M63X1.5	25	1500
355M	4,6,8	95m6	170	25	86	740	680	800	8-ø24	6	M20X50	100	735	140	M63X1.5	25	1530
355L	2	75m6	140	20	67.5	740	680	800	8-ø24	6	M20X50	79.5	735	110	M63X1.5	25	1500
355L	4,6,8	95m6	170	25	86	740	680	800	8-ø24	6	M20X50	100	735	140	M63X1.5	25	1630

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Frame Size	Driving End		Non-driving End	
	2 pole	4, 6, 8 pole	2 pole	4, 6, 8 pole
80	6204-ZZ-C3	6204-ZZ-C3	6204-ZZ-C3	6204-ZZ-C3
90	6205-ZZ-C3	6205-ZZ-C3	6205-ZZ-C3	6205-ZZ-C3
100	6206-ZZ-C3	6206-ZZ-C3	6206-ZZ-C3	6206-ZZ-C3
112	6306-ZZ-C3	6306-ZZ-C3	6306-ZZ-C3	6306-ZZ-C3
132	6308-ZZ-C3	6308-ZZ-C3	6308-ZZ-C3	6308-ZZ-C3
160	6309-ZZ-C3	6309-ZZ-C3	6309-ZZ-C3	6309-ZZ-C3
180	6311-C3	6311-C3	6311-C3	6311-C3
200	6312-C3	6312-C3	6312-C3	6312-C3
225	6313-C3	6313-C3	6313-C3	6313-C3
250	6314-C3	6314-C3	6314-C3	6314-C3
280	6314-C3	6316-C3	6314-C3	6316-C3
315	6316-C3	6319-C3	6316-C3/7316(V1)	6319-C3/7319(V1)
355	6319-C3	6322-C3	6319-C3/7319(V1)	6322-C3/7322(V1)

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B35



B35 Mounting and Overall Dimensions

Frame Size	Poles	Mounting Dimensions (mm)													Overall Dimensions (mm)												
		A	B	C	D	E	F	G	H	K	M	N	P	nXS	T	AA	AB	AC	LA	KK	BB	ED	DH	GA	HA	HD	L
71	2,4,6	112	90	45	14j6	30	5	11	71	7	130	110	160	4-ø9	3.5	32	144	145	8	M20X1.5	120	20	M4X10	16	8	210	260
80	2,4,6,8	125	100	50	19j6	40	6	15.5	80	10	165	130	200	4-ø12	3.5	35	160	160	12	M25X1.5	130	25	M6X16	21.5	12	225	280
90S	2,4,6,8	140	100	56	24j6	50	8	20	90	10	165	130	200	4-ø12	3.5	36	180	180	12	M25X1.5	140	40	M8X19	27	12	245	315
90L	2,4,6,8	140	125	56	24j6	50	8	20	90	10	165	130	200	4-ø12	3.5	36	180	180	12	M25X1.5	165	40	M8X19	27	12	245	340
100	2,4,6,8	160	140	63	28j6	60	8	24	100	12	215	180	250	4-ø14.5	4	40	200	220	14	M25X1.5	175	45	M10X22	31	14	295	435
112	2,4,6,8	190	140	70	28j6	60	8	24	112	12	215	180	250	4-ø14.5	4	45	230	220	14	M32X1.5	180	45	M10X22	31	15	305	450
132S	2,4,6,8	216	140	89	38k6	80	10	33	132	12	265	230	300	4-ø14.5	4	55	265	260	14	M32X1.5	190	63	M12X28	41	18	355	465
132M	2,4,6,8	216	178	89	38k6	80	10	33	132	12	265	230	300	4-ø14.5	4	55	265	260	14	M32X1.5	230	63	M12X28	41	18	355	505
160M	2,4,6,8	254	210	108	42k6	110	12	37	160	14.5	300	250	350	4-ø18.5	5	65	320	330	15	M40X1.5	305	90	M16X36	45	19	425	655
160L	2,4,6,8	254	254	108	42k6	110	12	37	160	14.5	300	250	350	4-ø18.5	5	65	320	330	15	M40X1.5	325	90	M16X36	45	19	425	675
180M	2,4,6,8	279	241	121	48k6	110	14	42.5	180	14.5	300	250	350	4-ø18.5	5	74	350	380	15	M40X1.5	330	90	M16X36	51.5	22	620	720
180L	2,4,6,8	279	279	121	48k6	110	14	42.5	180	14.5	300	250	350	4-ø18.5	5	74	350	380	15	M40X1.5	370	90	M16X36	51.5	22	620	768
200	2,4,6,8	318	305	133	55m6	110	16	49	200	18.5	350	300	400	4-ø18.5	5	80	395	420	17	M50X1.5	370	90	M20X42	59	25	475	775
225S	4,6,8	356	286	149	60m6	140	18	53	225	18.5	400	350	450	8-ø18.5	5	80	436	465	19	M50X1.5	355	110	M20X42	64	28	515	825
225M	2	356	311	149	55m6	110	16	49	225	18.5	400	350	450	8-ø18.5	5	80	436	465	19	M50X1.5	380	90	M20X42	59	28	515	850
225M	4,6,8	356	311	149	60m6	140	18	53	225	18.5	400	350	450	8-ø18.5	5	80	436	465	19	M50X1.5	380	110	M20X42	64	28	515	850
250M	2	406	349	168	60m6	140	18	53	250	24	500	450	550	8-ø18.5	5	88	495	520	20	M63X 1.5	440	110	M20X42	64	33	480	935
250M	4,6,8	406	349	168	65m6	140	18	58	250	24	500	450	550	8-ø18.5	5	88	495	520	20	M63X 1.5	440	110	M20X42	69	33	480	935
280S	2	457	368	190	65m6	140	18	58	280	24	500	450	550	8-ø18.5	5	109	550	570	22	M63X 1.5	535	110	M20X42	69	35	640	1010
280S	4,6,8	457	368	190	75m6	140	20	67.5	280	24	500	450	550	8-ø18.5	5	109	550	570	22	M63X 1.5	535	110	M20X42	79.5	35	640	1010
280M	2	457	419	190	65m6	140	18	58	280	24	500	450	550	8-ø18.5	5	109	550	570	22	M63X 1.5	535	110	M20X42	69	35	640	1010
280M	4,6,8	457	419	190	75m6	140	20	67.5	280	24	500	450	550	8-ø18.5	5	109	550	570	22	M63X 1.5	535	110	M20X42	79.5	35	640	1010
315S	2	508	406	216	65m6	140	18	58	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	565	110	M20X42	69	45	750	1160
315S	4,6,8	508	406	216	80m6	170	22	71	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	565	140	M20X42	85	45	750	1190
315M	2	508	457	216	65m6	140	18	58	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	675	110	M20X42	69	45	750	1270
315M	4,6,8	508	457	216	80m6	170	22	71	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	675	140	M20X42	85	45	750	1300
315L	2	508	508	216	65m6	140	18	58	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	675	110	M20X42	69	45	750	1270
315L	4,6,8	508	508	216	80m6	170	22	71	315	28	600	550	660	8-ø24	6	120	635	650	24	M63X 1.5	675	140	M20X42	85	45	750	1300
355M	2	610	560	254	75m6	140	20	67.5	355	28	740	680	800	8-ø24	6	125	735	735	25	M63X 1.5	775	110	M24X50	79.5	49	1000	1500
355M	4,6,8	610	560	254	95m6	170	25	86	355	28	740	680	800	8-ø24	6	125	735	735	25	M63X 1.5	775	140	M24X50	100	49	1000	1530
355L	2	610	630	254	75m6	140	20	67.5	355	28	740	680	800	8-ø24	6	125	735	735	25	M63X 1.5	775	110	M24X50	79.5	49	1000	1500
355L	4,6,8	610	630	254	95m6	170	25	86	355	28	740	680	800	8-ø24	6	125	735	735	25	M63X 1.5	875	140	M24X50	100	49	1000	1630

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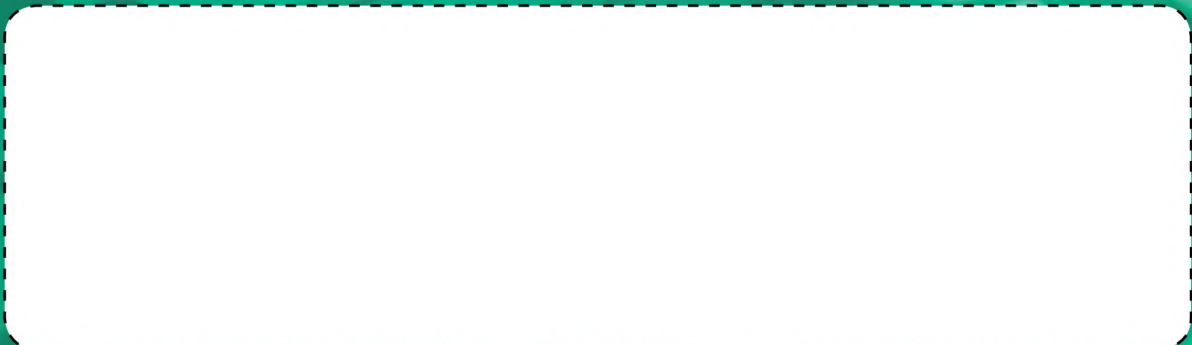
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