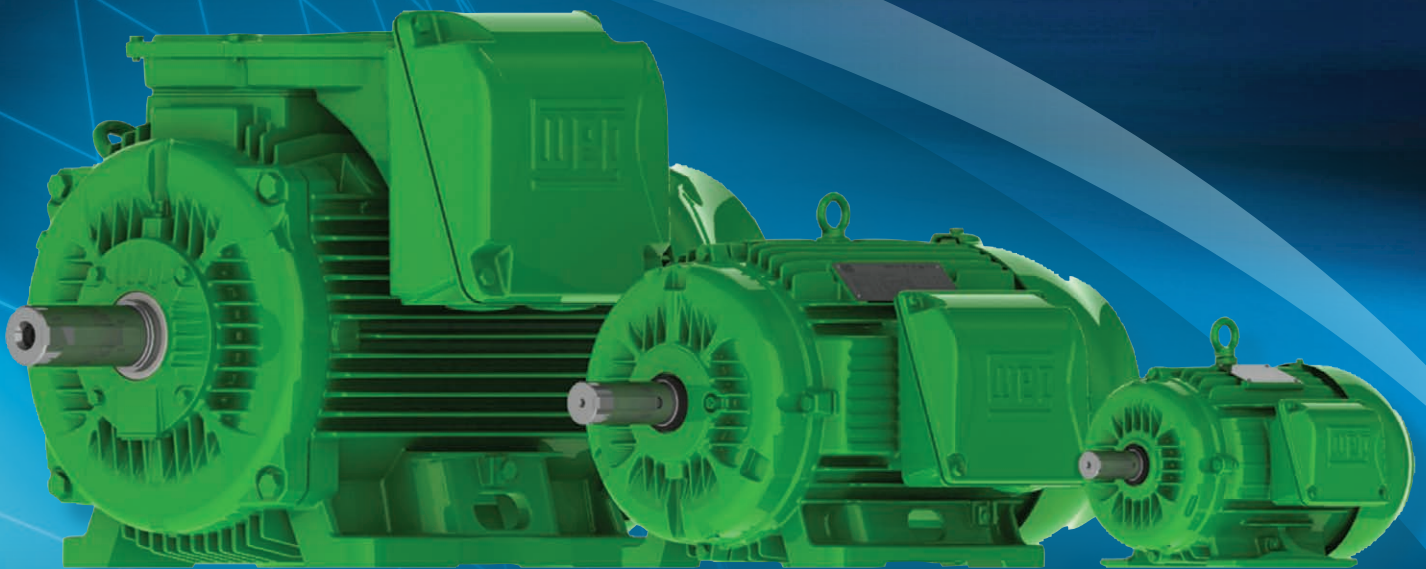


TECHNICAL CATALOGUE

THREE PHASE MOTOR



Rated Output kW	Frame	Full Load Torque (Nm)	Locked Rotor Current l/In	Locked Rotor Torque Tl/Tn	Break- down Torque Tb/Tn	Inertia J (kgm2)	Allowable locked rotor time (s)		Weight (kg)	Sound dB(A)	400 V							
							Hot	Cold			Rated speed (rpm)	% of full load						Full load current In (A)
												Efficiency			Power Factor			
												50	75	100	50	75	100	

2 Pole - 3000 rpm - 50 Hz

0.25	63	0.852	5.5	3.2	3.2	0.0002	27	59	7.2	52	2805	65	70	72	0.54	0.68	0.77	0.651
0.37	71	1.27	6.3	2.5	2.5	0.0004	12	26	7.5	56	2790	74	76	76	0.66	0.79	0.85	0.827
0.55	71	1.9	5.9	3	3	0.00047	18	40	8.5	56	2770	76	77	77.5	0.68	0.81	0.86	1.19
0.75	80	2.54	7.5	3.5	3.5	0.00076	28	62	13.5	59	2825	81	83	83.4	0.63	0.76	0.82	1.58
1.1	80	3.71	7.4	3.6	3.6	0.00093	23	51	15	59	2830	82	84	84.6	0.63	0.76	0.82	2.29
1.5	90S	4.99	7.6	3.3	3.3	0.00198	15	33	18.5	62	2875	84	86	86.5	0.64	0.76	0.83	3.02
2.2	90L	7.32	7.5	3.4	3.5	0.00255	12	26	23.5	62	2870	86.5	87	87.7	0.65	0.77	0.83	4.36
3	100L	9.85	8.5	3.4	3.4	0.00641	15	33	32	67	2910	86.5	87.8	88.7	0.69	0.81	0.86	5.68
4*	100L	13.2	8.1	3.1	3.4	0.00647	10	22	32	67	2900	87.2	87.6	87.6	0.68	0.82	0.87	7.58
4	112M	13.2	7.7	2.9	3.5	0.00803	22	48	41	64	2900	88.1	89.1	89.6	0.69	0.8	0.86	7.49
5.5*	112M	18.2	8	3	3.4	0.00949	14	31	43	64	2895	88	88.6	88.6	0.7	0.81	0.86	10.4
5.5	132S	17.9	8	2.7	2.9	0.01889	19	42	65	67	2935	88.9	90.4	90.5	0.72	0.82	0.87	10.1
7.5	132S	24.4	8.5	3	3.4	0.02518	17	37	69	67	2935	89.4	90.8	91.2	0.69	0.8	0.86	13.8
11*	132M	35.9	8.2	2.7	3	0.03058	11	24	78	67	2925	90.8	91.2	91.2	0.75	0.85	0.89	19.6
11	160M	35.6	8	2.7	3.5	0.05541	17	37	115	67	2950	91	92.3	92.7	0.71	0.81	0.85	20.1
15	160M	48.6	8	2.6	3.3	0.06246	12	26	119	67	2950	91.5	92.5	92.9	0.71	0.81	0.86	27.1
18.5	160L	59.9	8.4	2.8	3.6	0.07348	8	18	136	67	2950	92	92.9	93.2	0.7	0.8	0.86	33.3
22	180M	71.1	8.6	2.7	3.3	0.10838	14	31	176	67	2950	92.8	93.8	94	0.76	0.84	0.87	38.8
30	200L	96.7	7.4	2.7	2.8	0.18647	31	68	244	72	2960	93.2	94.1	94.4	0.76	0.83	0.86	53.3
37	200L	119	7.3	2.6	2.9	0.2119	17	37	265	72	2965	93.3	94	94.6	0.73	0.82	0.86	65.6
45	225S/M	145	8.9	2.8	3.2	0.3380	12	26	416	74	2975	94.3	95.1	95.1	0.77	0.85	0.88	77.6
55	250S/M	177	7.9	2.8	2.9	0.4924	14	31	485	74	2965	94.9	95.3	95.4	0.8	0.86	0.89	93.5
75	250S/M	242	7.9	3	2.8	0.5132	11	24	500	74	2965	95	95.3	95.4	0.83	0.87	0.89	127
90	280S/M	289	7.4	2.2	2.8	1.3408	30	66	762	77	2980	94.8	95.6	95.8	0.84	0.89	0.9	151
110	280S/M	353	7.9	2.3	2.9	1.5553	21	46	819	77	2980	94.8	95.7	96	0.82	0.88	0.9	184
132	315S/M	423	7.5	2.1	2.8	2.5569	30	66	1048	77	2980	95.2	95.9	96.3	0.83	0.89	0.9	220
150	315S/M	481	7.5	2.4	2.8	2.8288	32	70	1070	77	2980	95.3	96	96.4	0.84	0.88	0.9	250
160	315S/M	513	7.9	2.3	2.8	2.9929	24	53	1129	77	2980	95.6	96.2	96.6	0.83	0.89	0.91	263
185	315S/M	593	7.8	2.4	2.7	3.2010	22	48	1197	77	2980	95.7	96.4	96.6	0.83	0.89	0.9	307
200	315S/M	641	8.2	2.6	2.8	3.4243	17	37	1305	77	2980	96	96.5	96.7	0.83	0.89	0.9	332
220	355M/L	704	7.7	2	2.7	4.6110	22	48	1585	80	2985	95.8	96.5	96.7	0.85	0.88	0.9	365
250	355M/L	800	7.7	2.1	2.8	5.0400	22	48	1665	80	2985	96	96.7	96.8	0.86	0.9	0.91	410
260	355M/L	832	7.7	2.1	2.8	5.0400	22	48	1665	80	2985	96	96.7	96.8	0.86	0.9	0.91	426
280	355M/L	898	7.5	2	2.4	5.5761	20	44	1751	80	2980	96.2	96.7	96.8	0.88	0.9	0.91	459
315*	355M/L	1010	7.7	2.1	2.5	6.0051	18	40	1838	80	2980	96.4	96.8	96.9	0.87	0.9	0.91	516
400	355A/B	1280	7.6	2.4	2.8	6.7600	31	68	2043	83	2985	95.6	96	96.2	0.85	0.89	0.91	660
450	355A/B	1440	7.5	2.5	2.7	7.4000	31	68	2160	83	2985	95.6	96	96.4	0.85	0.9	0.91	740

* Complies with MEPS, does not meet E3.

4 Pole - 1500 rpm - 50 Hz

0.18	63	1.23	4.6	2.4	2.5	0.0006	27	59	7.2	44	1400	62	64	67.5	0.46	0.57	0.68	0.566
0.25	71	1.74	4.8	2.1	2.3	0.0003	65	143	8	43	1370	69	71	72.5	0.52	0.65	0.74	0.673
0.37	71	2.58	4.8	2.6	2.6	0.0008	56	123	9.5	43	1370	71	74	75.5	0.51	0.64	0.73	0.969
0.55	80	3.7	6.3	2.9	3.2	0.0026	30	66	12.5	44	1420	77	79	80	0.61	0.74	0.8	1.24
0.70	80	4.73	7.2	3	3.1	0.0037	26	57	13.5	44	1415	80	82.6	83.2	0.6	0.73	0.81	1.54
1.1	L90S	7.2	8.2	2.7	3.1	0.0063	12	26	23	49	1460	85	85.9	85.9	0.62	0.74	0.8	2.31
1.5	L90L	9.85	7.9	2.8	3.4	0.0071	13	29	24	49	1455	85	86.5	87.1	0.56	0.7	0.78	3.19
2.2	L100L	14.6	8.1	3.9	3.6	0.0108	19	42	35	53	1440	87.2	88.2	88.5	0.6	0.73	0.8	4.49
3	L100L	19.9	7.5	3.5	3.3	0.0120	17	37	37.5	53	1440	87.5	88.5	89.1	0.6	0.73	0.8	6.07
4	112M	26.4	7.5	2.3	3.1	0.0182	15	33	44	56	1450	88.8	89.9	90.1	0.6	0.72	0.79	8.11
5.5	132S	35.9	8.2	2.4	3.4	0.0528	16	35	69	56	1465	90	90.7	91	0.67	0.79	0.85	10.3
7.5	132M	48.9	8.2	2.5	3.4	0.0642	13	29	78	56	1465	91	91.5	91.6	0.68	0.79	0.84	13.9
9.2*	132M/L	60	8.3	2.8	3.5	0.0681	10	22	82	56	1465	90.3	91	91	0.64	0.76	0.82	17.4
11	160M	71.5	7	2.5	3	0.1397	17	37	123	61	1470	91	91.8	92.2	0.65	0.76	0.83	20.7
15	160L	97.5	7.3	2.7	3.2	0.1743	10	22	145	61	1470	91.8	92.5	93	0.65	0.76	0.82	28.4
18.5	180M	120	8	2.9	2.9	0.1914	12	26	180	61	1470	91.7	93.1	93.5	0.65	0.76	0.82	34.8
22	180L	143	7.9	2.8	2.9	0.2272	16	35	198	61	1475	92.5	93.5	93.7	0.71	0.81	0.86	39.4
30	200L	194	7.3	2.5	3	0.3469	16	35	243	63	1480	93	94	94.2	0.64	0.75	0.82	56.1
37	225S/M	239	7.8	2.7	3	0.6388	14	31	392	63	1480	94	94.6	94.6	0.72	0.81	0.86	65.6
45	225S/M	291	7.9	2.8	3.2	0.6903	13	29	420	63	1480	94.2	94.8	94.8	0.7	0.8	0.85	79.4
55	250S/M	355	7.9	2.8	3.3	1.1093	14	31	507	64	1480	94.6	95	95.3	0.71	0.81	0.86	96.9
75	250S/M	484	8.4	2.8	3.3	2.1680	8	18	531	64	1480	95.2	95.5	95.5	0.73	0.83	0.87	130
90	280S/M	579	7.4	2.3	2.8	2.5518	25	55	777	69	1485	95	95.5	95.8	0.74	0.82	0.86	158
110	280S/M	708	7.6	2.4	2.8	3.2477	24	53	884	69	1485	95.4	95.8	96	0.74	0.83	0.87	190
132	315S/M	846	7.6	2.9	3	4.2189	26	57	1095	71	1490	95.5	96	96.4	0.75	0.83	0.86	230
150	315S/M	962	7	2.5	2.5	4.4205	26	57	1110	71	1490	95.5	96.3	96.4	0.76	0.84	0.86	261
160	315S/M	1026	7.6	2.6	2.6	4.6522	22	48	1152	71	1490	95.7	96.2	96.5	0.75	0.83	0.87	275
185	315S/M	1186	7.6	2.5	2.5	4.9730	18	40	1222	71	1490	95.8	96.3	96.5	0.74	0.83	0.87	318
200	315S/M	1283	7.6	2.5	2.5	5.3046	20	44	1332	71	1490	96.1	96.5	96.7	0.74	0.83	0.87	343
220	355M/L	1411	7.4	2.4	2.5	7.5171	20	44	1554	74	1490	96	96.6	96.8	0.72	0.8	0.85	386
250	355M/L	1603	7.3	2.3	2.4	8.5910	16	35	1621	74	1490	96.2	96.6	96.9	0.73	0.82	0.85	438
260	355M/L	1667	7.3	2.3	2.4	8.5910	16	35	1621	74	1490	96.2	96.6	96.9	0.73	0.82	0.85	456
280	355M/L	1796	7.3	2.3	2.4	9.6649	20	44	1695	74	1490	96.3	96.7	96.9	0.74	0.83	0.86	485
300	355M/L	1924	7.3	2.3	2.5	10.3596	20	44	1815	74	1490	96.4	96.7	96.9	0.74	0.83	0.86	520
315	355M/L	2020	7.3	2.3	2.4	10.7168	22	48	1772	74	1490	96.4	96.7	96.9	0.71	0.81	0.85	552
330	355M/L	2116	7.3	2.3	2.5	11.0740	15	33	1865	74	1490	96.5	96.8	96.9	0.74	0.83	0.86	572
355	355M/L	2277	7.2	2.4	2.5	11.5861	15	33	1878	74	1490	96.5	96.8	96.9	0.74	0.83	0.86	615
450	355A/B	2886	7.4	2.5	2.8	13.2200	20	44	2089	76	1490	94.5	95	95.5	0.69	0.8	0.84	810
500	355A/B	3206	7.3	2.4	2.7	14.6200	17	37	2246	76	1490	94.5	95	95.5	0.72	0.81	0.85	889

Rated Output kW	Frame	Full Load Torque (Nm)	Locked Rotor Current I/In	Locked Rotor Torque Tl/Tn	Break-down Torque Tb/Tn	Inertia J (kgm2)	Allowable locked rotor time (s)		Weight (kg)	Sound dB(A)	400 V							
							Hot	Cold			Rated speed (rpm)	% of full load						Full load current In (A)
												Efficiency			Power Factor			
												50	75	100	50	75	100	

6 Pole - 1000 rpm - 50 Hz

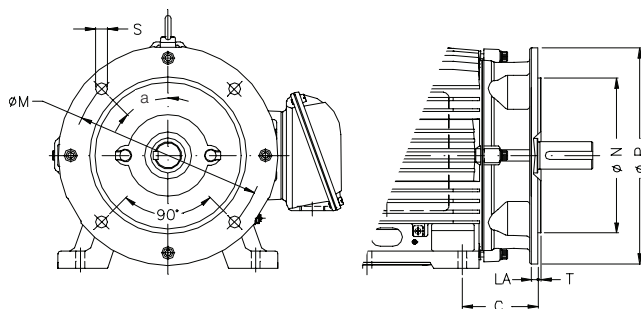
0.25	71	2.71	3.2	2	2	0.0008	89	196	11.5	43	880	58	62.8	63.8	0.39	0.51	0.6	0.898
0.37	80	3.82	4.7	2.1	2.2	0.0024	14	31	12.5	43	925	63	67.5	70	0.48	0.61	0.7	1.09
0.55	80	5.68	4.8	2.2	2.2	0.0034	20	44	14.5	43	925	68	72.5	73	0.5	0.64	0.75	1.45
0.75	L90S	7.58	5.2	2.5	2.8	0.0066	31	68	22	45	945	78	80.1	80.6	0.5	0.62	0.71	1.89
1.1	L90L	11.4	5	2.2	2.2	0.0077	10	22	25	45	920	72	77.7	79.9	0.48	0.61	0.71	2.8
1.5	100L	15.1	5.5	2.3	2.8	0.0143	30	66	32	44	950	82	83	84.1	0.49	0.62	0.71	3.63
2.2	112M	22.1	6	2.5	2.6	0.0257	26	57	42	52	950	84	85.5	85.6	0.53	0.64	0.72	5.15
3	132S	29.9	6.4	2	2.3	0.0453	38	84	61	53	960	86	87	87.1	0.52	0.65	0.73	6.81
4	132M	39.8	6.5	2.2	2.5	0.0566	32	70	66	53	960	87	88	88	0.53	0.66	0.74	8.87
5.5	132M/L	54.5	7	2.5	2.8	0.0755	26	57	80	53	965	87.5	88.5	89.1	0.5	0.64	0.72	12.4
7.5	160M	73.5	6.5	2.3	2.9	0.1492	20	44	122	56	975	89.3	90.3	90.7	0.63	0.74	0.81	14.7
11	160L	108	6.5	2.4	3	0.2112	16	35	143	56	975	90	90.8	91.2	0.62	0.74	0.81	21.5
15	180L	147	8	2.6	3.2	0.3240	10	22	193	56	975	91.3	91.7	92	0.65	0.78	0.84	28
18.5	200L	180	6.2	2.2	2.8	0.3861	19	42	223	60	980	91.7	92.3	92.5	0.65	0.76	0.82	35.2
22	200L	215	6.3	2.3	2.9	0.4563	18	40	240	60	980	92	92.6	92.9	0.65	0.76	0.82	41.7
30	225S/M	291	7.4	2.3	2.8	0.9559	17	37	401	63	985	93.7	94	94	0.7	0.8	0.85	54.2
37	250S/M	359	7.4	2.3	2.7	1.4240	17	37	486	64	985	94	94.4	94.4	0.72	0.81	0.85	66.6
45	250S/M	434	8	2.8	2.8	1.6077	10	22	550	64	990	93.5	94.5	94.5	0.7	0.8	0.85	80.8
55	280S/M	531	6.7	2.2	2.7	3.2495	28	62	723	65	990	94.5	95	95.3	0.67	0.77	0.82	102
75	280S/M	724	8	3	3.5	4.4820	8	18	725	65	990	94.8	95.3	95.5	0.63	0.75	0.8	142
90	315S/M	869	6.7	2.2	2.5	6.5094	34	75	1048	67	990	95.3	95.8	96.1	0.67	0.78	0.83	163
110	315S/M	1062	6.8	2.4	2.6	7.2367	32	70	1106	67	992	95.5	96	96.2	0.67	0.78	0.83	199
132	315S/M	1274	7.2	2.5	2.7	8.3176	26	57	1190	67	990	95.6	96.1	96.3	0.67	0.77	0.82	241
150	355M/L	1448	6	1.9	2.2	8.7819	81	178	1500	73	990	94.1	95.6	96.2	0.65	0.75	0.8	281
160	355M/L	1544	6.5	2.1	2.3	10.1881	33	73	1594	73	990	94.9	95.8	96	0.63	0.74	0.79	305
185	355M/L	1786	6.6	2.2	2.4	11.1142	34	75	1666	73	990	94.9	95.6	95.8	0.64	0.74	0.79	353
200	355M/L	1921	6.5	2.1	2.3	12.0404	40	88	1739	73	995	95.4	96	96.2	0.64	0.75	0.8	375
220	355M/L	2113	6.5	2.2	2.3	13.4040	36	79	1854	73	995	95.5	96.1	96.3	0.64	0.75	0.8	412
250	355M/L	2401	6.5	2.3	2.4	14.0217	38	84	1970	73	995	95.5	96.1	96.3	0.64	0.75	0.8	468
260	355M/L	2497	6.5	2.3	2.4	15.0217	38	84	1970	73	995	95.5	96.1	96.3	0.64	0.75	0.8	487
280	355M/L	2689	5.5	2	2.4	15.0217	38	84	1970	73	995	95.1	95.7	96.3	0.64	0.75	0.8	525
300	355M/L	2881	6.4	2.1	2.4	14.9929	30	66	1970	73	995	94.9	95.9	96.3	0.63	0.73	0.79	569
355	355A/B	3426	6.2	2	2.3	17.1000	29	64	2200	73	990	95.1	95.5	95.6	0.63	0.74	0.79	678
400	355A/B	3861	6.1	2	2.3	18.9200	29	64	2346	73	990	95.2	95.6	95.7	0.63	0.74	0.79	764

8 Pole - 750 rpm - 50 Hz

0.25	80	3.51	3.3	2	2.2	0.0034	49	108	14.8	42	680	53	58	60	0.45	0.56	0.66	0.911
0.37	90S	5.12	3.7	2.1	2.4	0.0055	53	117	19	43	690	61	66	66	0.41	0.53	0.62	1.31
0.55	90L	7.67	3.2	1.6	2	0.0066	41	90	23	43	680	67	67.5	68	0.46	0.59	0.69	1.5
0.75	100L	10.1	4.6	1.9	2.3	0.0127	51	112	30.5	50	710	74	77	77	0.41	0.53	0.62	2.27
1.1	100L	14.9	4.6	2.1	2.4	0.0143	36	79	33	50	705	75	79	79.6	0.41	0.53	0.62	3.22
1.5	112M	20.3	5	2.5	2.8	0.0238	36	79	43	46	705	79	80.5	81.2	0.45	0.59	0.68	3.92
2.2	132S	29.6	6.2	2.3	2.5	0.0690	27	59	69	48	710	82.8	83	83.6	0.51	0.65	0.72	5.28
3	132M	40.4	6.4	2.4	2.6	0.0838	21	46	75	48	710	84.1	84.9	85.2	0.51	0.64	0.72	7.06
4	160M	52.7	5	2.1	2.3	0.1229	34	75	114	51	725	85	86.8	86.6	0.52	0.65	0.72	9.26
5.5	160M	72.5	5	2.1	2.3	0.1492	28	62	123	51	725	86	87.3	87.7	0.52	0.65	0.73	12.4
7.5	160L	98.8	5.3	2.2	2.5	0.2199	22	48	145	51	730	87	88.3	88.9	0.52	0.65	0.73	16.7
11	180L	145	6.5	2.3	2.7	0.2846	12	26	185	51	725	89.5	90	90.3	0.55	0.68	0.76	23.1
15	200L	196	4.9	1.9	2.1	0.4571	34	75	235	56	730	90	91	91.4	0.56	0.68	0.74	32
18.5	225S/M	241	6.5	1.7	2.5	0.5219	28	62	377	56	735	93	93	92.7	0.63	0.75	0.81	35.6
22	225S/M	286	6.5	1.8	2.5	0.9574	22	48	402	56	735	93	93.1	93	0.63	0.75	0.81	42.2
30	250S/M	390	7.4	1.9	2.8	1.4281	18	40	490	56	735	93.3	93.3	93.2	0.66	0.77	0.83	56
37	250S/M	481	8	2.2	3	1.6608	32	70	673	56	735	93.3	93.5	93.5	0.63	0.75	0.81	70.5
45	280S/M	581	6	1.8	2.2	3.4896	30	66	741	59	740	94	94.5	94.5	0.61	0.71	0.76	90.4
55	280S/M	710	7	2.3	2.5	3.9398	18	40	830	59	740	94	94.6	94.6	0.55	0.68	0.75	112
75	315S/M	968	6	1.8	2.2	6.5627	40	88	1049	62	740	94.6	95.1	95.2	0.65	0.75	0.8	142
90	315S/M	1162	6	1.9	2.2	7.8388	40	88	1149	62	740	94.9	95.3	95.5	0.65	0.75	0.8	170
110	355M/L	1411	6.2	1.3	2.3	12.5604	56	123	1484	70	745	94.7	95.8	95.8	0.62	0.74	0.79	210
132	355M/L	1693	6.2	1.3	2.3	17.7009	48	106	1587	70	745	95.4	96.1	96.1	0.64	0.74	0.79	251
150	355M/L	1924	6.8	1.6	2.3	16.7846	50	110	1747	70	745	95.5	96.3	96.3	0.64	0.75	0.79	285
160	355M/L	2052	6.4	1.3	2.3	17.2706	56	123	1747	70	745	95.4	95.9	96.3	0.64	0.75	0.8	300
185	355M/L	2373	6.3	1.3	2.3	18.9208	56	123	1819	70	745	95.5	95.9	96.3	0.64	0.75	0.8	347
200	355M/L	2565	6.2	1.5	2.3	19.7827	56	123	1891	70	745	95.5	95.9	96.3	0.65	0.76	0.8	375
220	355M/L	2822	8	2.2	3	19.8363	56	123	1891	70	745	95.3	95.8	96.3	0.6	0.73	0.78	423
250	355A/B	3206	6.2	1.5	2.4	21.6700	47	103	2092	70	745	95.3	95.8	96.3	0.62	0.73	0.79	474
280	355A/B	3591	7.5	2	2.8	25.0300	44	97	2279	70	745	95.3	95.8	96.3	0.61	0.73	0.79	531

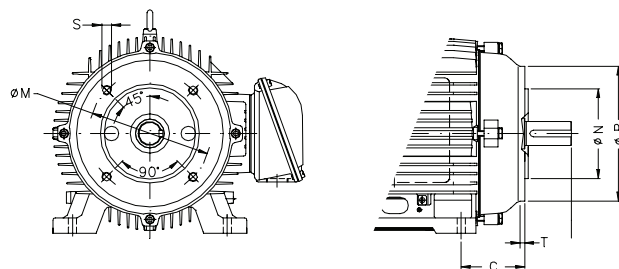
Due to a continuous improvement policy the data contained in this publication is subject to change without notice. Certified values and dimension for installation are available through your normal WEG Motor supplier or sales office.

"A" (FF) Flange Frame 63-355



Frame	"A" (FF) FLANGE DIMENSIONS (DIN 42948)									No. 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		
90		56								
100	FF-215	63	11	215	180	250	4	15		
112		70								
132	FF-265	89	12	265	230	300	5	19	22°30°	8
160	FF-300	108	18	300	250	350				
180		121								
200	FF-350	133		350	300	400				
225	FF-400	149		400	350	450				
250	FF-500	168		500	450	550				
280		190								
315	FF-600	216	22	600	550	660	6	24		
355	FF-740	254		740	680	800				















"C" Flange Frames 63-160



Frame	"C" DIN FLANGE DIMENSIONS (DIN 42677)							No. 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	M8	3	
90	C-140	56	115	95	140			
100	C-160	63	130	110	160	M10	3.5	
112		70						
132	C-200	89	165	130	200			
160	C-250	108	215	180	250			

Frame	"B14B" DIN FLANGE DIMENSIONS (DIN 42677)							No. of Holes
	Flange	C	M	N	P	S	T	
63	FG 063CD120GG	40	100	80	120	M6	3	4
71	FG 071CD140GG	45	115	95	140	M8		
80	FG 080CD160GG	50	130	110	160		3.5	
90	FG 090CD160GG	56						
100	FG 100CD200GG	63	165	130	200	M10		
112	FG 112CD200GG	70						

STANDARD MOUNTING CONFIGURATION AND SYMBOLS

						
B 3 R with feet	B 5 R without feet	B 35 R with feet	B 14 R without feet	B 34 R with feet	V 6 with feet	V 5 with feet
						
V 1 without feet	V 3 without feet	V 15 with feet	V 36 with feet	V 18 without feet	V 19 without feet	B 8 R with feet

NOTE: The terminal box can be supplied on the top, right or left side viewing the motor from the D.E. shaft. This information must be given when placing an order or when enquiring about special motors.

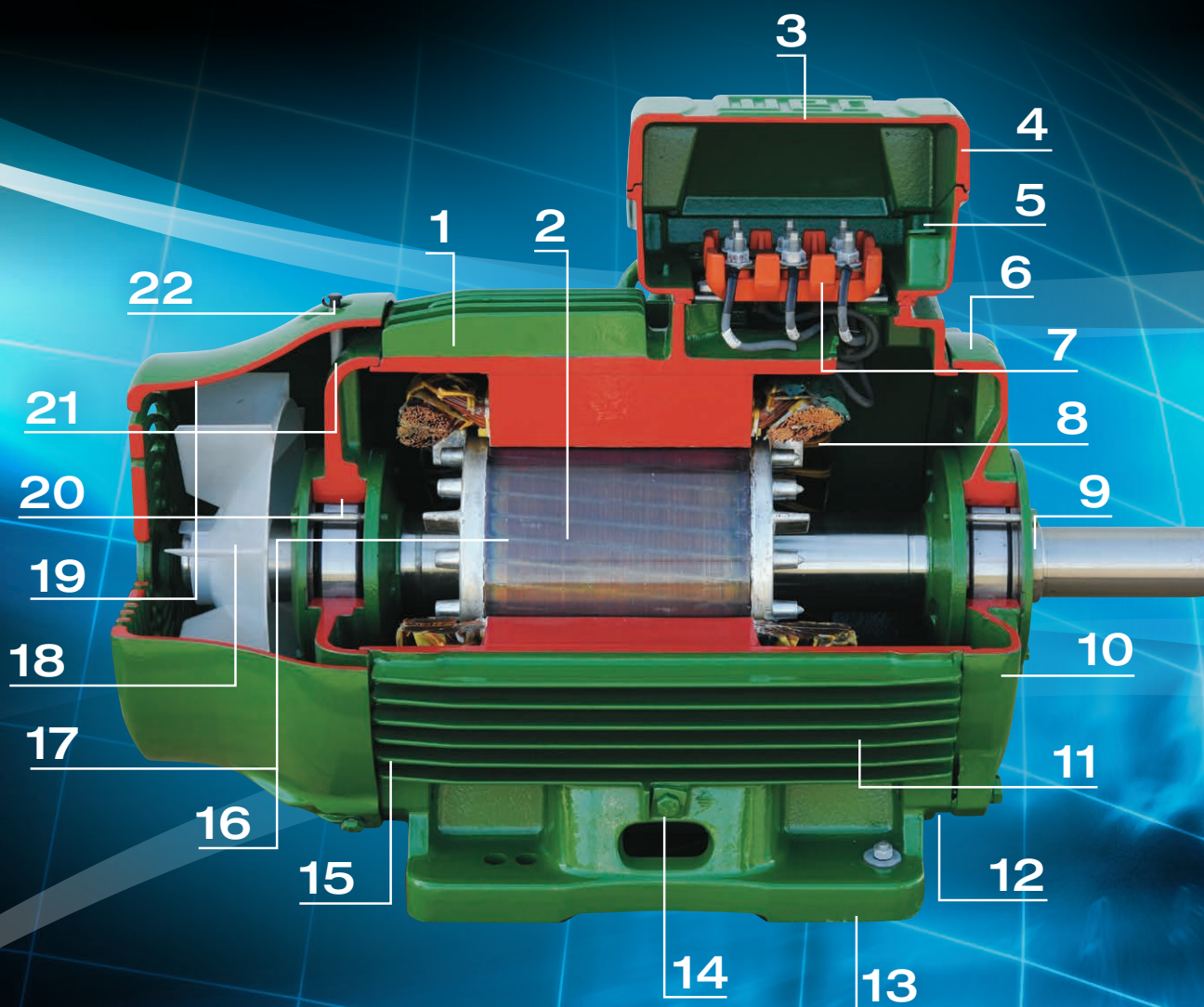
STANDARD FEATURES

- Supply
 - Up to 100 frame (inclusive)
 - 50Hz**
 - Δ - 220-240V
 - Y - 380-415V
 - From 112 frame on:
 - Δ - 380-415V
 - Y - 660-690V
 - 60Hz**
 - 254-276V
 - 440-480V
 - 440-480V
 - 760-830V
- Efficiency: Premium High Efficiency E3
- Degree of Protection: IP66
- Insulation: "H" Insulation with B class Temperature Rise
- Thermistors: Type PTC - 160-200 Frames - 1 per phase
 - 225 Frame and above - 1 x alarm 160°C - 1x trip 180°C
- IEC Frames 63-355M/L
- Suitable for Continuous Duty (S1)
- High Density FC 200 Cast Iron Frame
- Sealed for Life Bearings from 63 -132 Frames
- Regreasing System 160-355 Frames (inclusive)
- Flange Mounted Motors with Oil Seal
- Manufactured and Tested According to IEC & AS Standards
- Paint: Colour RAL 6002 (Green)
- B3R Mounting Configuration
- WISE® Insulation System: Reliable, Long-Lasting Operation with VSDs

OPTIONAL FEATURES

- Roller and Angular Contact Bearings
- Insulated Bearings
- Shaft Earthed Brush
- Forced Cooling Kit
- Double Shaft End
- Anti Condensation Heaters
- Cable Glands
- Oversized and Undersized Flanges
- NEMA Frames and Flanges
- Top Mounted Terminal Box Motors
- Bearing Thermistors or RTDs
- 1000V Motors
- Special Paint for Aggressive Ambient
- Other Colours
- Special Electrical and Mechanical Characteristics upon request

W22 Three Phase Motor



- 1** **MAXIMUM HEAT DISSIPATION**
The cooler the motor the longer the life
- 2** **FLAT EFFICIENCY CURVE**
For maximum energy savings
- 3** **OVERSIZE TERMINAL BOX EASIER AND SAFER CONNECTION**
- 4** **FLEXIBLE TERMINAL BOX MOUNTING POSITION**
- 5** **NEW CONNECTOR FOR FAST ACCESSORIES CONNECTION**
- 6** **OPTIMISED COOLING SYSTEM**
The cooler the motor the longer the life
- 7** **TERMINAL BLOCK DESIGN**
Prevents rotation assuring protection between terminals
- 8** **WISE INSULATION VSD COMPATIBLE**

- 9** **NEW WSEAL**
Higher protection against contaminants
- 10** **DRIVE END SHIELD**
Designed for maximum heat dissipation increasing bearing life
- 11** **REDUCED NOISE PRESSURE LEVELS**
- 12** **NEW EFFECTIVE DRAIN PLUG**
Allowing easy conversion from IP55 to IP66
- 13** **SOLID INTEGRATED FEET**
Increased rigidity and easier installation
- 14** **TWO EARTH TERMINALS EACH SIDE**
For flexibility of installation
- 15** **NEW FRAME RANGE**
With extended outputs
- 16** **TOP PREMIUM RATINGS**
In same frame size for complete interchangeability

- 17** **PREMIUM EFFICIENCY DESIGNS**
Exceeding MEPS efficiency levels reducing power costs
- 18** **STANDARD FLAT SURFACES**
For consistent vibration analysis
- 19** **INCREASED IMPACT RESISTANT FAN COVER**
- 20** **ELECTRICALLY INSULATED BEARING HUB**
Reducing bearing cost
- 21** **EFFICIENT GREASE PATH TO AND FROM BEARING**
Increasing bearing life
- 22** **EXTENDED LUBRICATION INTERVALS**
Less intervention leads to less maintenance costs