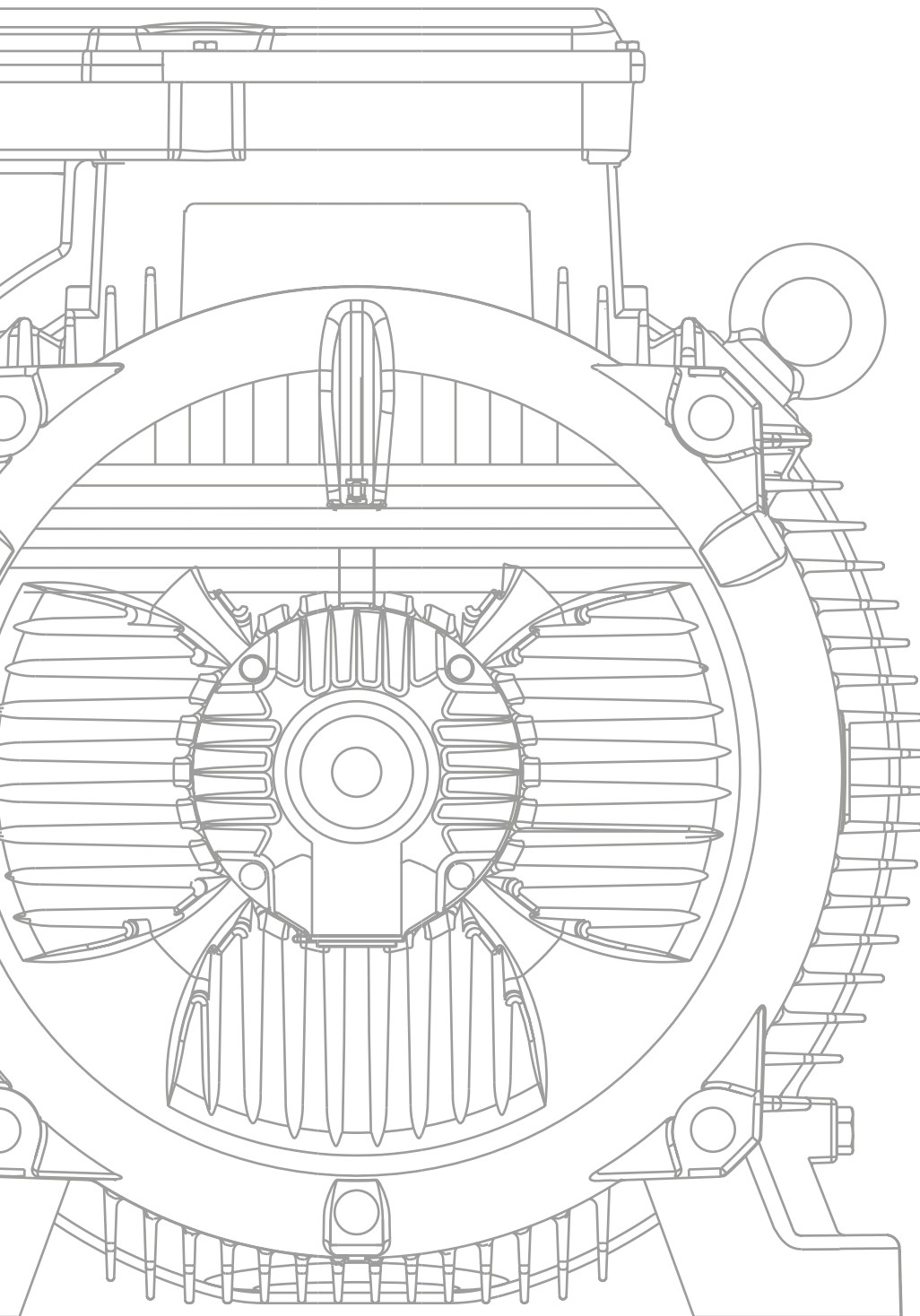




CATALOGUE
Low Voltage
General Applications
High Experience Electric Motors



YEJ2 BRAKE MOTOR



YEJ2 BRAKE MOTOR

YEJ2 Series Three Phase Brake Motor

GB/IEC/ISO/CENELEC/DIN Design
 IP54/IP55 - IC411 - Insulation class F, temperature rise class B
 Efficiency class according to IEC 60034-30: 2008
 Housing = Cast of Iron (132 frame and below can be housing of aluminum-alloy)

Model	Output		Rated Current (A)			Speed r/min	Eff. η%	P. F. cos φ	Torque N.m	Tst Tn	Ist In	Tmax Tn	Excitation Voltage V	Energizing power W	No-load brake lag (Time) S	Weight kg
	kW	hp	220V	380V	440V											
Synchronous Speed 3600 r/min = 2-Poles (60Hz)																
YEJ2 63M1-2	0.18	0.25	0.91	0.50	0.45	3264	65	0.80	4	2.2	5.5	2.2	99	18	0.2	12
YEJ2 63M2-2	0.25	0.34	1.19	0.68	0.60	3264	68	0.81	4	2.2	5.5	2.2	99	18	0.2	13
YEJ2 71M1-2	0.37	0.5	1.71	0.94	0.86	3288	70	0.81	4	2.2	6.1	2.2	99	18	0.2	14
YEJ2 71M2-2	0.55	0.75	2.41	1.33	1.21	3288	73	0.82	4	2.2	6.1	2.2	99	18	0.2	15
YEJ2 80M1-2	0.75	1	3.16	1.74	1.59	3414	75	0.83	8	2.2	7	2.3	99	30	0.2	19
YEJ2 80M2-2	1.1	1.5	4.48	2.45	2.23	3408	77	0.84	8	2.2	7	2.3	99	30	0.2	20
YEJ2 90S-2	1.5	2	5.93	3.26	2.97	3408	79	0.84	15	2.2	7	2.3	99	50	0.2	25
YEJ2 90L-2	2.2	3	8.39	4.61	4.19	3408	81	0.85	15	2.2	7.5	2.3	99	50	0.2	29
YEJ2 100L-2	3	4	10.00	6.00	5.45	3432	83	0.87	30	2.2	7.5	2.3	99	65	0.2	38
YEJ2 112M-2	4	5.5	14.03	7.72	7.02	3456	85	0.88	40	2.2	7.5	2.3	170	90	0.25	50
YEJ2 132S1-2	5.5	7.5	19.07	10.49	9.54	3480	86	0.88	75	2.2	7.5	2.3	170	90	0.25	74
YEJ2 132S2-2	7.5	10	25.71	14.14	12.85	3480	87	0.88	75	2.2	7.5	2.3	170	90	0.25	80
YEJ2 132M-2	9	15	30.65	16.97	15.43	3480	87	0.88	75	2.2	7.5	2.3	170	90	0.25	84
YEJ2 160M1-2	11	20	38.86	20.27	18.43	3516	88	0.89	150	2.2	7.5	2.3	170	150	0.35	134
YEJ2 160M2-2	15	20	49.70	27.33	24.85	3516	89	0.89	150	2.2	7.5	2.3	170	150	0.35	141
YEJ2 160L-2	18.5	25	59.94	32.97	29.97	3516	90	0.90	150	2.2	7.5	2.3	170	150	0.35	164
YEJ2 180M-2	22	30	71.28	39.20	35.64	3528	90	0.90	200	2	7.5	2.3	170	200	0.35	209
YEJ2 200L1-2	30	40	95.92	52.75	47.96	3540	91.2	0.90	300	2	7.5	2.3	170	200	0.45	285
YEJ2 200L2-2	37	45	131.57	72.36	65.79	3540	82	0.90	300	2	7.5	2.3	170	200	0.45	300
YEJ2 225M-2	45	60	142.83	78.44	71.31	3540	92	0.90	450	2	7.5	2.3	170	200	0.45	362

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 Housing = Cast of Iron (132 frame and below can be housing of aluminum-alloy)

Synchronous Speed 1800 r/min = 4-Poles (60Hz)																
YEJ2 63M1-4	0.12	0.16	0.77	0.42	0.38	1572	57	0.72	4	2.1	4.4	2.2	99	18	0.2	13
YEJ2 63M2-4	0.18	0.25	1.08	0.59	0.54	1572	60	0.73	4	2.1	4.4	2.2	99	18	0.2	14
YEJ2 71M1-4	0.25	0.34	1.38	0.75	0.68	1596	65	0.74	4	2.1	5.2	2.2	99	18	0.2	15
YEJ2 71M2-4	0.37	0.5	1.93	1.06	0.97	1596	67	0.75	4	2.1	5.2	2.2	99	18	0.2	16
YEJ2 80M1-4	0.55	0.75	2.71	1.49	1.36	1668	71	0.75	8	2.4	5.2	2	99	30	0.2	19
YEJ2 80M2-4	0.75	1	3.55	1.95	1.77	1668	73	0.76	8	2.3	6	2	99	30	0.2	20
YEJ2 90S-4	1.1	1.5	5.00	2.75	2.50	1656	75	0.77	15	2.3	6	2	99	50	0.2	26
YEJ2 90L-4	1.5	2	6.39	3.51	3.19	1668	78	0.79	15	2.3	6	2	99	50	0.2	31
YEJ2 100L-4	2.2	3	8.91	4.90	4.45	1668	80	0.81	30	2.3	7	2	99	65	0.2	39
YEJ2 100L2-4	3	4	11.71	6.44	5.85	1692	82	0.82	30	2.3	7	2	99	80	0.2	43
YEJ2 112M-4	4	5.5	15.24	8.38	7.62	1692	84	0.82	40	2.3	7	2	170	90	0.25	50
YEJ2 132S-4	5.5	7.5	20.46	11.25	10.23	1722	85	0.83	75	2.3	7	2	170	90	0.25	78
YEJ2 132M1-4	7.5	10	26.93	14.81	13.47	1728	87	0.84	75	2.3	7	2	170	150	0.25	91
YEJ2 132M2-4	9	15	32.32	17.76	16.16	1728	87	0.84	75	2.3	7	2	170	150	0.25	93
YEJ2 180M-4	11	20	39.05	21.46	19.53	1728	88	0.84	150	2.2	7	2	170	150	0.35	140
YEJ2 160L-4	15	20	52.04	28.62	26.02	1752	89	0.85	150	2.2	7	2	170	150	0.35	161
YEJ2 180M-4	18.5	25	62.38	34.31	31.19	1764	90.5	0.86	200	2.2	7.5	2	170	150	0.35	210
YEJ2 180L-4	22	30	73.77	40.56	36.89	1764	91	0.86	200	2.2	7.5	2	170	150	0.35	218
YEJ2 200L-4	30	40	99.51	54.73	49.75	1764	92	0.86	300	2.2	7.2	2	170	200	0.45	315
YEJ2 225S-4	37	45	120.66	66.36	60.33	1776	92.5	0.87	450	2.2	7.2	2	170	200	0.45	337
YEJ2 225M-4	45	60	146.27	80.45	73.14	1776	92.8	0.87	450	2.2	7.2	2	170	200	0.45	345
Synchronous Speed 1200 r/min = 6-Poles (60Hz)																
YEJ2 71M1-6	0.18	0.25	1.28	0.70	0.64	1020	56	0.66	4	1.9	4	2	99	18	0.2	9.5
YEJ2 71M2-6	0.25	0.34	1.64	0.90	0.82	1020	58	0.68	4	1.9	4	2	99	18	0.2	11
YEJ2 80M1-6	0.37	0.5	2.24	1.23	1.12	1062	62	0.70	8	1.9	4.7	2	99	30	0.2	20
YEJ2 80M2-6	0.55	0.75	3.08	1.70	1.54	1062	65	0.72	8	1.9	4.7	2.1	99	30	0.2	21
YEJ2 90S-6	0.75	1	3.96	2.18	1.98	1092	69	0.72	15	2	5.5	2.1	99	50	0.2	27
YEJ2 90L-6	1.1	1.5	5.49	3.02	2.75	1092	72	0.73	15	2	5.5	2.1	99	50	0.2	29
YEJ2 100L-6	1.5	2	6.91	3.80	3.45	1104	76	0.75	30	2	6.5	2.1	99	65	0.2	36

YEJ2 BRAKE MOTOR



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YEJ2 112M-6	2.2	3	9.82	5.29	4.81	1122	79	0.76	40	2	6.5	2.1	99	90	0.25	52
YEJ2 132S-6	3	4	12.79	7.03	6.39	1152	81	0.76	75	2.1	6.5	2.1	99	90	0.25	73
YEJ2 132M1-6	4	5.5	16.84	9.26	8.42	1152	82	0.76	75	2.1	6.5	2.1	170	90	0.25	83
YEJ2 132M2-6	5.5	7.5	22.32	12.27	11.16	1152	84	0.77	75	2.1	6.5	2.1	170	90	0.25	94
YEJ2 160M-6	7.5	10	29.72	16.35	14.86	1164	86	0.77	150	2.1	6.5	2.1	170	150	0.35	135
YEJ2 160L-6	11	15	42.54	23.40	21.27	1164	87	0.78	150	2.1	6.5	2.1	170	150	0.35	163
YEJ2 180L-6	15	20	54.61	30.03	27.30	1164	89	0.81	200	2.1	7	2.1	170	150	0.35	223
YEJ2 200L1-6	18.5	25	64.99	35.75	32.50	1164	90	0.83	300	2.1	7	2.1	170	200	0.45	277
YEJ2 200L2-6	22	30	76.37	42.00	38.16	1164	90	0.84	300	2.1	7	2.1	170	200	0.45	295
YEJ2 225M-6	30	40	100.05	55.03	50.03	1176	91.5	0.86	450	2	7	2.1	170	200	0.45	345
Synchronous Speed 900 r/min = 6-Poles (60Hz)																
YEJ2 80M1-8	0.18	0.25	1.52	0.84	0.76	774	51	0.61	8	1.8	3.3	1.9	99	30	0.2	19
YEJ2 80M2-8	0.25	0.34	1.99	1.10	1.00	774	54	0.61	8	1.8	3.3	1.9	99	50	0.2	21
YEJ2 90S-8	0.37	0.5	2.57	1.41	1.28	804	62	0.61	15	1.8	4	1.9	99	50	0.2	25
YEJ2 90L-8	0.55	0.75	3.76	2.07	1.88	804	63	0.61	15	1.8	4	2	99	50	0.2	27
YEJ2 100L-8	0.75	1	4.14	2.28	2.07	816	71	0.67	30	1.8	4	2	99	65	0.2	32
YEJ2 100L2-8	1.1	1.5	5.73	3.15	2.87	816	73	0.69	30	1.8	5	2	99	65	0.2	39
YEJ2 112M-8	1.5	2	7.61	4.18	3.80	828	75	0.69	40	1.8	5	2	99	90	0.25	50
YEJ2 132S-8	2.2	3	10.43	5.73	5.21	846	78	0.71	75	1.8	6	2	99	90	0.25	73
YEJ2 132M-8	3	4	13.65	7.51	6.83	846	79	0.73	75	1.8	6	2	99	90	0.25	79
YEJ2 160M1-8	4	5.5	17.75	9.76	8.88	864	81	0.73	150	1.8	6	2	170	150	0.35	134
YEJ2 160M2-8	5.5	7.5	23.50	12.93	11.75	864	83	0.74	150	2	6	2	170	150	0.35	140
YEJ2 160L-8	7.5	10	30.69	16.88	15.35	864	85.5	0.75	150	2	6	2	170	150	0.35	164
YEJ2 180L-8	11	15	43.41	23.88	21.70	876	87.5	0.76	200	2	6.6	2	170	150	0.35	212
YEJ2 200L-8	15	20	58.86	32.37	29.43	876	88	0.76	300	2	6.6	2	170	200	0.45	295
YEJ2 225S-8	18.5	25	70.96	39.04	35.49	876	90	0.76	450	1.9	6.6	2	170	200	0.45	319
YEJ2 225M-8	22	30	81.79	44.98	40.89	888	90.5	0.76	450	1.9	6.6	2	170	200	0.45	345



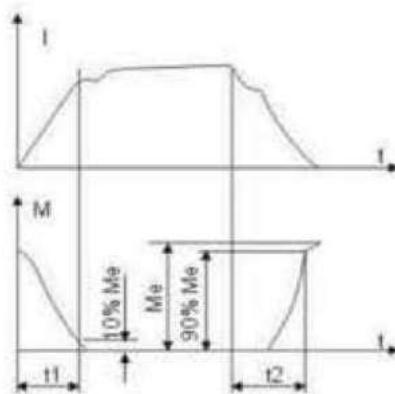
High Efficiency & Performance Reliability that Make the Difference

CONDITION

- Altitude: Above seal level, not exceeding 1000m.
- Ambient temperature: it varies with seasons but not exceeding + 40

APPLICATION

Suitable for any kind of machine which is required to stop quickly, located accurately, rotating and brake frequently. Such as: machine tools, packing machinery, wood worker, machinery, food processing machinery, chemical engineering machinery, textile machinery, construction machinery, gear reducer and so on.



BRAKE CURVES

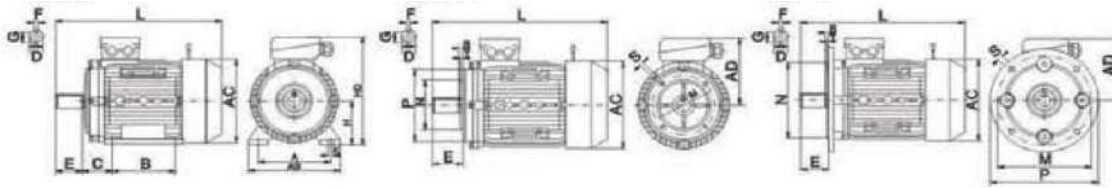


High Efficiency & Performance Reliability that Make the Difference

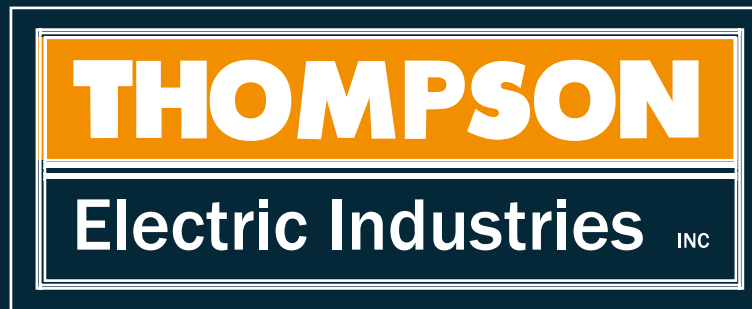
IMB3

IMB14

IMB5



MOUNTING AND OVERALL DIMENSIONS (MM)																										
FRAME	IMB3									IMB14					IMB5					OVERALL						
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	115	95	140	0	10	3.0	130	130	115	165	252
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	185	291
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3.0	165	130	200	0	12	3.5	160	165	135	215	340
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	235	384
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3.0	165	130	200	0	12	3.5	180	185	145	235	384
100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4.0	205	215	170	255	444
112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	3.5	215	180	250	0	15	4.0	245	240	180	285	453
132S	216	140	89	38	80	10	33	132	12	165	130	200	0	M10	4.0	265	230	300	0	15	4.0	280	275	195	325	576
132M	216	178	89	38	80	10	33	132	12	165	130	200	0	M10	4.0	265	230	300	0	15	4.0	280	275	195	325	576
160M	254	210	108	43	110	12	37	160	15	215	180	250	0	M12	4.0	300	250	350	0	15	5.0	320	330	255	420	742
160L	254	254	108	42	110	12	37	160	15	215	180	250	0	M12	4.0	300	250	350	0	15	5.0	320	330	255	420	742
180M	279	241	121	48	110	14	42.5	180	15	265	230	300	0	M15	4.0	300	250	350	0	19	5.0	355	380	280	455	820
180L	279	279	121	48	110	14	42.5	180	15	265	230	300	0	M15	4.0	300	250	350	0	19	5.0	355	380	285	455	820



Thompson Electric Industries

**343 Sn 183 Terrale
Pembroke Pines,
Miami Fl 33029**

Email: sales@thompsonelectricindustries.com

www.thompsonelectricindustries.com