THOMPSON

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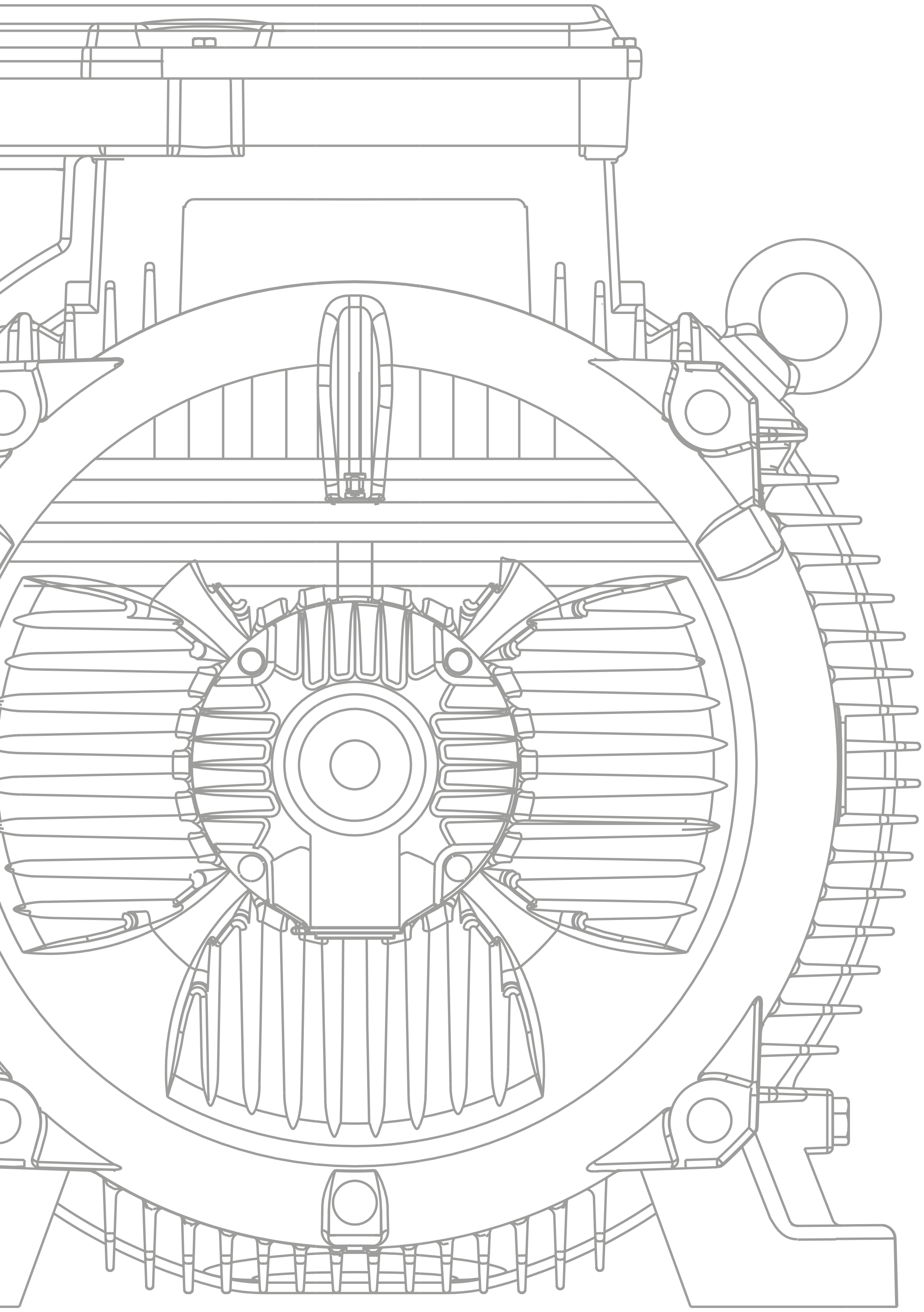
CATALOGUE

Low Voltaje
General Aplications
High Experience Electric Motors



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High Efficiency & Perfomance Reliability that Make the Difference

YL Series Dual Capacitors Single Phase Induction Motors

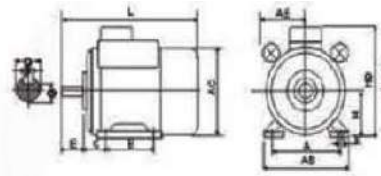
IEC/ISO/CENELEC/DIN Design
IP44 - IC411 - Insulation class B
2 capacitors = 1 (Capacitor-start) + 1 (Capacitor-run)
Housing = Cast of Iron

Model	Output		Rated Current (A)		Speed	Eff.	P. F.	Torque	Ist	Tst	Tmax	Noise	Weight
	kW	hp	110V	220V	r/min	η%	cosϕ	Nm	In	Tn	Tn	dB(A)	kg
Synchronous Speed 3600 r/min = 2-poles (60Hz)													
YL 711-2	0.37	0.5	5.46	2.73	3360	67	0.92	1.05	6.0	1.8	1.8	75	8
YL 712-2	0.55	0.75	7.76	3.88	3360	70	0.92	1.56	5.5	1.8	1.8	76	9
YL 801-2	0.75	1	10.29	5.15	3360	72	0.92	2.13	5.5	1.8	1.8	76	11
YL 802-2	1.1	1.5	14.04	7.02	3360	75	0.95	3.13	6.0	1.8	1.8	79	12
YL 90S-2	1.5	2	18.69	9.35	3384	76	0.96	4.23	6.0	1.8	1.8	83	13
YL 90L-2	2.2	3	28.23	14.12	3384	77	0.92	6.21	6.0	1.8	1.8	83	17
YL 100L-2	3	4	38.01	19.00	3420	78	0.92	8.38	6.0	1.8	1.8	87	26
Synchronous Speed 1800 r/min = 4-poles (60Hz)													
YL 711-4	0.25	0.34	3.98	1.99	1680	62	0.92	1.42	6.0	1.8	1.8	66	8
YL 712-4	0.37	0.5	5.62	2.81	1680	65	0.92	2.10	6.0	1.8	1.8	66	9
YL 801-4	0.55	0.75	7.99	4.00	1680	68	0.92	3.13	5.5	1.8	1.8	71	11
YL 802-4	0.75	1	10.44	5.22	1680	71	0.92	4.26	5.5	1.8	1.8	71	12
YL 90S-4	1.1	1.5	14.42	7.21	1704	73	0.95	6.16	5.5	1.8	1.8	74	13
YL 90L-4	1.5	2	19.14	9.57	1704	75	0.95	8.41	5.5	1.8	1.8	79	17
YL 100L1-4	2.2	3	27.70	13.85	1704	76	0.95	12.33	6.0	1.8	1.8	79	26
YL 100L2-4	3	4	37.28	18.64	1704	77	0.95	16.81	6.0	1.8	1.8	79	28
YL 112M-4	3.7	5	45.39	22.70	1728	78	0.95	20.45	6.0	1.8	1.8	87	31
YL 132S-4	5.5	7.5	65.79	32.89	1728	80	0.95	30.40	6.0	1.8	1.8	87	58
YL 132M-4	7.5	10	88.61	44.30	1740	81	0.95	41.16	6.0	1.8	1.8	87	65

YL SINGLE PHASE MOTOR (CAST IRON BODY)

INSTALLATION SIZE AND OVERALL DIMENSION

IMB3



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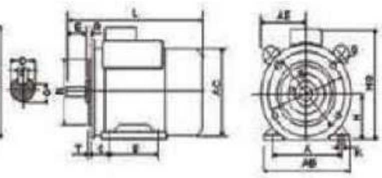

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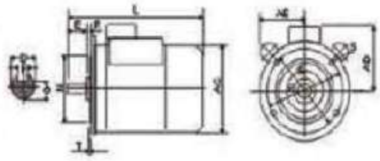

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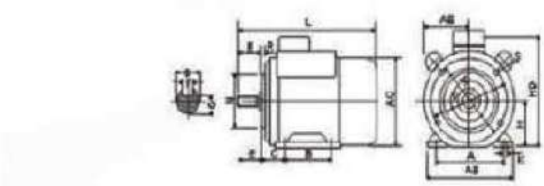

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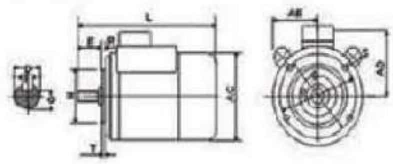


Frame Size	Mounting Dimensions (mm)																							Freme Dimensione (mm)					
	IMB									IMB14			IMB14			IMB5			IMB35										
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	AE	HD	L
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	-	-	-	-	-	-	145	145	140	105	180	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	2.5	-	-	-	-	-	-	160	165	150	120	200	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	-	-	-	-	-	-	180	185	160	130	240	370
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	-	-	-	-	-	-	180	185	160	130	240	400
100	160	140	63	28	60	8	24	100	12	-	-	-	-	-	-	215	180	250	0	15	4	205	220	180	130	260	430
112M	190	140	70	28	60	8	24	112	12	-	-	-	-	-	-	215	180	250	0	15	4	245	250	190	140	300	455
132S	216	140	89	38	80	10	33	132	12	-		-	-	-	-	265	230	300	0	15	4	280	290	210	155	350	525

High Efficiency & Perfomance Reliability that Make the Difference

YE2/ME2 Series High Efficiency IE2 Three Phase Induction Motor

IEC / CENELEC / DIN Design
IP 54/55 - IC 411 - Insulation class F, temperature rise class B
IE2 efficiency class according to IEC 60034-30; 2008
Housing = Cast of Iron (80~160 frame can be housing of aluminum-alloy)

Model	Output		Rated Current (A)			Speed	Eff.	P. F.	Torque	Ist	Tst	Tmax	Noise	Weight
	kW	hp	220V	380V	440V	r/min	η%	cos φ	Nm	In	Tn	Tn	dB(A)	kg
Synchronous Speed 3600 r/min = 2-Poles (60Hz)														
YE2/ME2 801-2	0.75	1	3.06	1.77	1.53	3426	77.4	0.83	2.09	6.8	2.3	2.3	62	17
YE2/ME2 802-2	1.1	1.5	4.37	2.53	2.18	3426	79.6	0.83	3.07	7.1			62	18
YE2/ME2 90S-2	1.5	2	5.76	3.34	2.88	3450	81.3	0.84	4.15	7.3			67	22
YE2/ME2 90L-2	2.2	3	8.16	4.73	4.08	3450	83.2	0.85	6.09	7.6			67	25
YE2/ME2 100L-2	3	4	10.70	6.19	5.35	3456	84.6	0.87	8.29	7.8	2.2		74	34
YE2/ME2 112M-2	4	5.5	/	8.05	6.95	3480	85.8	0.88	11.0	8.1			77	45
YE2/ME2 132S1-2	5.5	7.5	/	10.91	9.43	3480	87	0.88	15.1	8.2			79	67
YE2/ME2 132S2-2	7.5	10	/	14.53	12.55	3480	88.1	0.89	20.6	7.8			79	72
YE2/ME2 132M-2	9	12	/	18.03	15.57	3480	88.1	0.88	25.2	7.8			79	77
YE2/ME2 160M1-2	11	15	/	21.00	18.14	3528	89.4	0.89	29.8	7.9			81	102
YE2/ME2 160M2-2	15	20	/	28.36	24.49	3528	90.3	0.89	40.6	7.9			81	114
YE2/ME2 160L-2	18.5	25	/	34.74	30.01	3528	90.9	0.89	50.1	8			81	128
YE2 180M-2	22	30	/	41.14	35.53	3546	91.3	0.89	59.2	8.1			83	166
YE2 200L1-2	30	40	/	55.67	48.08	3558	92	0.89	80.5	7.5	2		84	230
YE2 200L2-2	37	50	/	68.29	58.97	3558	92.5	0.89	99	7.5			84	244
YE2 225M-2	45	60	/	82.69	71.42	3564	92.9	0.89	121	7.5	2.2		86	286
YE2 250M-2	55	75	/	101	87.00	3570	93.2	0.89	147	7.6			89	382
YE2 280S-2	75	100	/	136	118	3570	93.8	0.89	201	6.9	1.8		91	508
YE2 280M-2	90	125	/	163	141	3570	94.1	0.89	241	6.9			91	544
YE2 315S-2	110	150	/	197	170	3576	94.3	0.9	294	7		2.2	92	868
YE2 315M-2	132	180	/	236	203	3576	94.6	0.9	353	7			92	908
YE2 315L1-2	160	220	/	282	243	3576	94.8	0.91	427	7.1			92	1014
YE2 315L2-2	200	270	/	351	304	3576	95	0.91	534	7.1			92	1168
YE2 355M1-2	220	300	/	387	334	3576	95	0.91	588	7.1	1.6		100	1640
YE2 355M2-2	250	340	/	439	379	3576	95	0.91	668	7.1			100	1682
YE2 355L1-2	280	375	/	492	425	3576	95	0.91	748	7.1			100	1768
YE2 355L2-2	315	430	/	554	478	3576	95	0.91	841	7.2			100	1818
Synchronous Speed 1800 r/min = 4-Poles (60Hz)														
YE2/ME2 802-4	0.75	1	3.25	1.88	1.63	1668	79.6	0.76	4.29	6.4	2.3	2.3	56	17
YE2/ME2 90S-4	1.1	1.5	4.61	2.67	2.30	1680	81.4	0.77	6.25	6.6			59	18
YE2/ME2 90L-4	1.5	2	6.10	3.53	3.05	1680	82.8	0.78	8.5	6.7			59	22
YE2/ME2 100L1-4	2.2	3	8.46	4.90	4.23	1716	84.3	0.81	12.2	7.3			64	30
YE2/ME2 100L2-4	3	4	11.23	6.50	5.61	1716	85.5	0.82	16.7	7.5			64	32
YE2/ME2 112M-4	4	5.5	/	8.56	7.39	1728	86.6	0.82	22.1	7.5			65	42
YE2/ME2 132S-4	5.5	7.5	/	11.62	10.04	1728	87.7	0.82	30.4	7.5	2		71	56
YE2/ME2 132M1-4	7.5	10	/	15.48	13.37	1728	88.7	0.83	41.4	7.3			71	70
YE2/ME2 132M2-4	9	12	/	18.99	16.40	1728	88.7	0.83	50.8	7.3			71	75
YE2/ME2 160M-4	11	15	/	21.90	18.91	1752	89.8	0.85	60.0	7.4			73	106

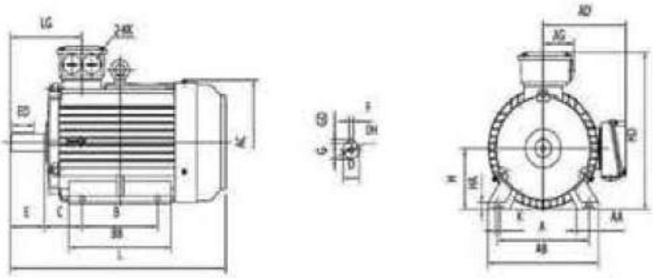
High Efficiency & Perfomance Reliability that Make the Difference

YE2/ME2 160L-4	15	20	/	29.25	25.26	1752	90.6	0.86	81.8	7.5			76	130
YE2 180M-4	18.5	25	/	35.84	30.95	1764	91.2	0.86	100	7.6			76	162
YE2 180L-4	22	30	/	42.43	36.65	1764	91.6	0.86	119	7.7			76	180
YE2 200L-4	30	40	/	57.42	49.59	1764	92.3	0.86	162	7.1	2.1		78	234
YE2 225S-4	37	50	/	70.51	60.90	1776	92.7	0.86	199	7.3			78	278
YE2 225M-4	45	60	/	85.39	73.75	1776	93.1	0.86	242	7.3			79	314
YE2 250M-4	55	75	/	104	89.75	1776	93.5	0.86	296	7.3	2.2		80	406
YE2 280S-4	75	100	/	138	119	1776	94	0.88	403	6.8			80	512
YE2 280M-4	90	125	/	165	142	1788	94.2	0.88	481	6.9			88	516
YE2 315S-4	110	150	/	199	172	1788	94.5	0.89	588	6.9			88	898
YE2 315M-4	132	180	/	238	206	1788	94.7	0.89	705	6.9	2.1		88	956
YE2 315L1-4	160	220	/	285	246	1788	94.9	0.9	855	6.9			88	1064
YE2 315L2-4	200	270	/	355	307	1788	95.1	0.9	1068	6.9		2.2	88	1212
YE2 355M1-4	220	300	/	391	337	1788	95.1	0.9	1175	6.9			95	1640
YE2 355M2-4	250	340	/	444	383	1788	95.1	0.9	1335	6.9	2		95	1682
YE2 355L1-4	280	375	/	497	429	1788	95.1	0.9	1496	6.9			95	1768
YE2 355L2-4	315	430	/	559	483	1788	95.1	0.9	1682	6.9			95	1818
Synchronous Speed 1200 r/min = 4-Poles (60Hz)														
YE2/ME2 90S-6	0.75	1	3.60	2.09	1.80	1092	75.9	0.72	6.56	5.8			57	20
YE2/ME2 90L-6	1.1	1.5	5.06	2.93	2.53	1092	78.1	0.73	9.6	5.9	2		57	22
YE2/ME2 100L-6	1.5	2	6.67	3.86	3.33	1128	79.8	0.74	12.7	5.9			61	28
YE2/ME2 112M-6	2.2	3	9.54	5.52	4.77	1128	81.8	0.74	18.6	6.2			65	38
YE2/ME2 132S-6	3	4	12.77	7.39	6.39	1152	83.3	0.74	24.9	6.4			69	58
YE2/ME2 132M1-6	4	5.5	/	9.71	8.38	1152	84.6	0.74	33.2	6.6	2.1		69	68
YE2/ME2 132M2-6	5.5	7.5	/	12.96	11.19	1152	86	0.75	45.6	6.8		2	69	76
YE2/ME2 160M-6	7.5	10	/	16.75	14.47	1164	87.2	0.78	61.5	6.8			73	106
YE2/ME2 160L-6	11	15	/	23.85	20.60	1164	88.7	0.79	90	6.9	2		73	130
YE2 180L-6	15	20	/	30.98	26.76	1164	89.7	0.82	123	7.3			73	176
YE2 200L1-6	18.5	25	/	38.39	33.15	1164	90.4	0.81	152	7.2	2.1		73	216
YE2 200L2-6	22	30	/	44.84	38.73	1164	90.9	0.82	180	7.3			73	226
YE2 225M-6	30	40	/	60.62	52.35	1176	91.7	0.82	244	6.8	2		74	292
YE2 250M-6	37	50	/	72.59	62.69	1176	92.2	0.84	300	7			76	364
YE2 280S-6	45	60	/	85.76	74.07	1176	92.7	0.86	365	7.2	2.1		78	472
YE2 280M-6	55	75	/	104	90.14	1176	93.1	0.86	447	7.2			78	512
YE2 315S-6	75	100	/	143	124	1188	93.7	0.85	603	6.5			83	806
YE2 315M-6	90	125	/	171	148	1188	94	0.85	723	6.6	2		83	958
YE2 315L1-6	110	150	/	209	180	1188	94.3	0.85	884	6.6			83	990
YE2 315L2-6	132	180	/	247	213	1188	94.6	0.86	1061	6.6			83	1050
YE2 355M1-6	160	220	/	295	255	1188	94.8	0.87	1286	6.7		2	85	1634
YE2 355M2-6	185	250	/	344	297	1188	95	0.86	1487	6.7			85	1680
YE2 355M3-6	200	270	/	368	318	1188	95	0.87	1608	6.8	1.9		85	1735
YE2 355L1-6	220	300	/	404	349	1188	95	0.87	1769	6.8			85	1800
YE2 355L2-6	250	340	/	460	397	1188	95	0.87	2010	6.8			85	1850
YE2 355L3-6	280	375	/	515	445	1188	95	0.87	2251	6.8			85	1900

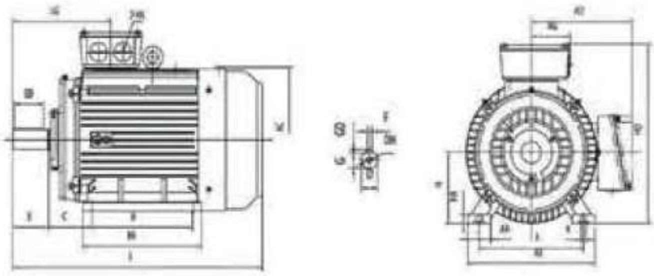
High Efficiency & Perfomance Reliability that Make the Difference

IMB3

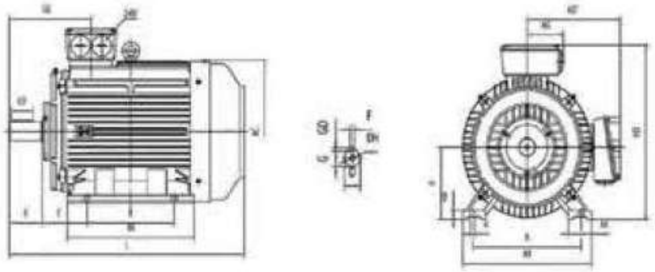
YE2-80~132



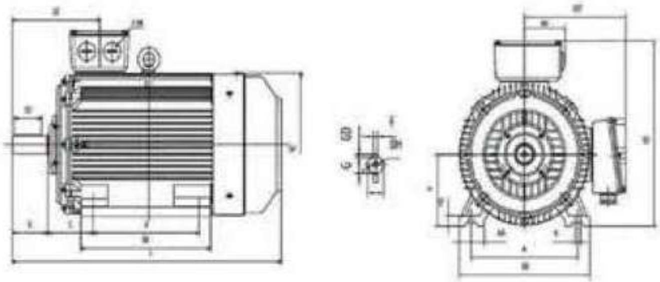
YE2-160~200



YE2-225~280



YE2-315~355



YE2 IE2 MOTOR

High Efficiency & Perfomance Reliability that Make the Difference

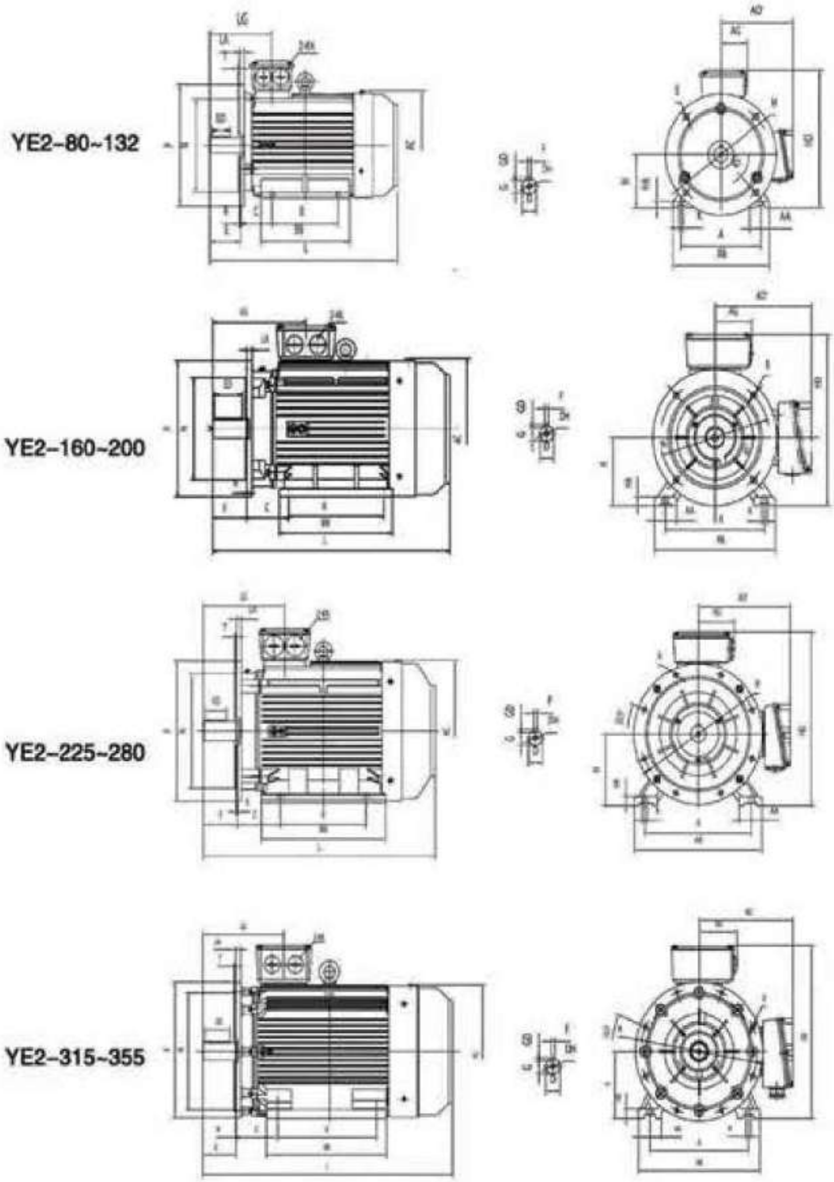
IMB3 DIMENSIONS (MM)

机座号	A	AA	AB	AC	AD	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	KK	L	LG
80	125	34	165	175	140	100	142	50	19	40	22	6	15.5	6	80	10	220	10	M24X1.5	301	112
90S	140	36	180	195	150	100	180	56	24	50	32	8	20	7	90	12.5	260	10	M24X1.5	360	126
90 L	140	36	180	195	150	125	210	56	24	50	32	8	20	7	90	12.5	260	10	M24X1.5	390	126
100L	160	40	205	215	160	140	233	63	28	60	40	8	24	7	100	14	275	12	M24X1.5	435	153
112M	190	45	230	240	185	140	252	70	28	60	40	8	24	7	112	14	310	12	M30X2	480	144
132S	216	52	270	275	205	140	220	89	38	80	56	10	33	8	132	16	345	12	M30X2	510	167
132M	216	52	270	275	205	178	258	89	38	80	56	10	33	8	132	16	345	12	M30X2	550	167
160M	254	65	320	330	250	210	305	108	42	110	80	12	37	8	160	19	425	14.5	M36X2	667	270
160L	254	65	320	330	250	254	325	108	42	110	80	12	37	8	160	19	425	14.5	M36X2	689	270
180M	279	74	350	380	270	241	330	121	48	110	80	14	42.5	9	180	22	460	14.5	M36X2	732	277
180L	279	74	350	380	270	279	370	121	48	110	80	14	42.5	9	180	22	460	14.5	M36X2	780	277
200L	318	85	395	420	325	305	370	133	55	110	90	16	49	10	200	25	475	18.5	M48X2	779	298
225S(4-8P)	356	80	436	465	335	286	355	149	60	140	100	18	53	11	225	28	560	18.5	M48X2	836	340
225M(2P)	356	80	436	465	335	311	380	149	55	110	80	16	49	10	225	28	560	18.5	M48X2	831	310
225M(4-8P)	356	80	436	465	335	311	380	149	60	140	100	18	53	11	225	28	560	18.5	M48X2	866	340
250M(2P)	406	88	495	520	370	349	440	168	60	140	100	18	53	11	250	33	620	24	M64X2	936	360
250M(4-8P)	406	88	495	520	370	349	440	168	65	140	100	18	58	11	250	33	620	24	M64X2	942	360
280S(2P)	457	90	550	570	395	368	495	190	65	140	100	18	58	11	280	35	685	24	M64X2	970	350
280S(4-8P)	457	90	550	570	395	368	495	190	75	140	100	20	67.5	12	280	35	685	24	M64X2	975	350
280M(2P)	457	90	550	570	395	419	535	190	65	140	100	18	58	11	280	35	685	24	M64X2	1020	350
280M(4-8P)	457	90	550	570	395	419	535	190	75	140	100	20	67.5	12	280	35	685	24	M64X2	1015	350
315S(2P)	508	120	635	650	495	406	565	216	65	140	100	18	58	11	315	45	820	28	M64X2	1160	387
315M(2P)	508	120	635	650	495	457	675	216	65	140	100	18	58	11	315	45	820	28	M64X2	1270	387
315L(2P)	508	120	635	650	495	508	675	216	65	140	100	18	58	11	315	45	820	28	M64X2	1270	387
315S(4-10P)	508	120	635	650	495	406	515	216	80	170	130	22	71	14	315	45	820	28	M64X2	1207	417
315M(4-10P)	508	120	635	650	495	457	625	216	80	170	130	22	71	14	315	45	820	28	M64X2	1317	417
315L(4-10P)	508	120	635	650	495	508	625	216	80	170	130	22	71	14	315	45	820	28	M64X2	1317	417
355M(2P)	610	125	735	735	650	560	775	254	75	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	420
355L(2P)	610	125	735	735	650	630	775	254	75	140	110	20	67.5	12	355	49	1000	28	M72X2	1500	420
355M(4-10P)	610	125	735	735	650	560	775	254	95	170	140	25	86	14	355	49	1000	28	M72X2	1530	450
355L(4-10P)	610	125	735	735	650	630	875	254	95	170	140	25	86	14	355	49	1000	28	M72X2	1630	450

YE2 IE2 MOTOR

High Efficiency & Perfomance Reliability that Make the Difference

IMB35



High Efficiency & Perfomance Reliability that Make the Difference

IMB35 DIMENSIONS (MM)

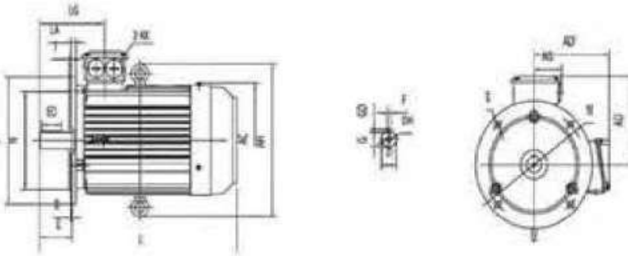
机座号	A	AA	AB	AC	AD	B	BB	C	D	E	ED	F	G	GD	H	HA	HD	K	L	LA	LG	M	N	P	S	T	KK
80	125	34	160	175	140	100	130	50	19	40	22	6	15.5	6	80	10	220	10	301	14	112	165	130	200	12	3.5	M24X1.5
90S	140	36	180	190	150	100	160	56	24	50	32	8	20	7	90	12.5	260	10	360	12	126	165	130	200	12	3.5	M24X1.5
90L	140	36	180	190	150	125	160	56	24	50	32	8	20	7	90	12.5	260	10	390	12	126	165	130	200	12	3.5	M24X1.5
100L	160	40	200	215	160	140	182	63	28	60	40	8	24	7	100	14	270	12	435	14	153	215	180	250	14.5	4	M24X1.5
112M	190	45	230	236	185	140	195	70	28	60	40	3	24	7	112	14	300	12	480	12	144	215	180	250	14.5	4	M30X2
132S	216	52	265	275	205	140	205	89	38	80	56	10	33	8	132	16	345	12	510	13	167	265	230	300	14.5	4	M30X2
132M	216	52	265	275	205	178	245	89	38	80	56	10	33	8	132	16	345	12	550	13	167	265	230	300	14.5	4	M30X2
160M	254	67	320	330	250	210	305	108	42	110	80	12	37	8	160	19	420	14.5	667	15	267.5	300	250	350	18.5	5	M36X2
160L	254	67	320	330	250	254	325	108	42	110	80	12	37	8	160	19	420	14.5	689	15	267.5	300	250	350	18.5	5	M36X2
180M	279	74	350	380	270	241	330	121	48	110	80	14	42.5	9	180	22	430	14.5	732	15	277	300	250	350	18.5	5	M36X2
180L	279	74	350	380	270	279	370	121	48	110	80	14	42.5	9	180	22	430	14.5	780	15	277	300	250	350	18.5	5	M36X2
200L	318	85	395	420	325	305	370	133	55	110	90	16	49	10	200	25	475	18.5	779	17	300	350	300	400	18.5	5	M48X2
225S(4-8P)	356	80	436	465	335	286	355	149	60	140	100	18	53	11	225	28	560	18.5	836	19	340	400	350	450	18.5	5	M48X2
225M(2P)	356	80	436	465	335	311	380	149	55	110	80	16	49	10	225	28	560	18.5	831	19	310	400	350	450	18.5	5	M48X2
225M(4-8P)	356	80	436	465	335	311	380	149	60	140	100	18	53	11	225	28	560	18.5	866	19	340	400	350	450	18.5	5	M48X2
250M(2P)	406	88	495	520	370	349	440	168	60	140	100	18	53	11	250	33	620	24	936	20	360	500	450	550	18.5	5	M64X2
250M(4-8P)	406	88	495	520	370	349	440	168	65	140	100	18	58	11	250	33	620	24	942	20	360	500	450	550	18.5	5	M64X2
280S(2P)	457	90	550	570	395	368	495	190	65	140	100	18	58	11	280	35	685	24	970	22	350	500	450	550	18.5	5	M64X2
280S(4-8P)	457	90	550	570	395	368	495	190	75	140	100	20	67.5	12	280	35	685	24	975	22	350	500	450	550	18.5	5	M64X2
280M(2P)	457	90	550	570	395	419	535	190	65	140	100	18	58	11	280	35	685	24	1020	22	350	500	450	550	18.5	5	M64X2
280 M (4-8P)	457	90	550	570	395	419	535	190	75	140	100	20	67.5	12	280	35	685	24	1015	22	350	500	450	550	18.5	5	M64X2
315S(2P)	508	120	635	650	495	406	515	216	65	140	100	18	58	11	315	45	820	28	1160	24	387	600	550	660	24	6	M64X2
315M(2P)	508	120	635	650	495	457	625	216	65	140	100	18	58	11	315	45	820	28	1270	24	387	600	550	660	24	6	M64X2
315L(2P)	508	120	635	650	495	508	625	216	65	140	100	18	58	11	315	45	820	28	1270	24	387	600	550	660	24	6	M64X2
315S(4-10P)	508	120	635	650	495	406	515	216	80	170	130	22	71	14	315	45	820	28	1207	24	417	600	550	660	24	6	M64X2
315M(4-10P)	508	120	635	650	495	457	625	216	80	170	130	22	71	14	315	45	820	28	1317	24	417	600	550	660	24	6	M64X2
315L(4-10P)	508	120	635	650	495	508	625	216	80	170	130	22	71	14	315	45	820	28	1317	24	417	600	550	660	24	6	M64X2
355M(2P)	610	125	735	735	650	560	775	254	75	140	110	20	67.5	12	355	49	1000	28	1500	25	420	740	680	800	24	6	M72X2
355L(2P)	610	125	735	735	650	630	775	254	75	140	110	20	67.5	12	355	49	1000	28	1500	25	420	740	680	800	24	6	M72X2
355M(4-10P)	610	125	735	735	650	560	775	254	95	170	140	25	86	14	355	49	1000	28	1530	25	450	740	680	800	24	6	M72X2
355L(4-10P)	610	125	735	735	650	630	875	254	95	170	140	25	86	14	355	49	1000	28	1630	25	450	740	680	800	24	6	M72X2

YE2 IE2 MOTOR

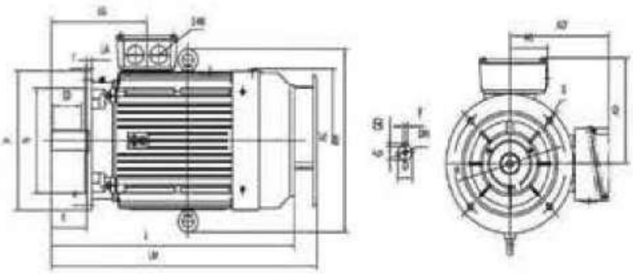
High Efficiency & Perfomance Reliability that Make the Difference

IMB5, V1

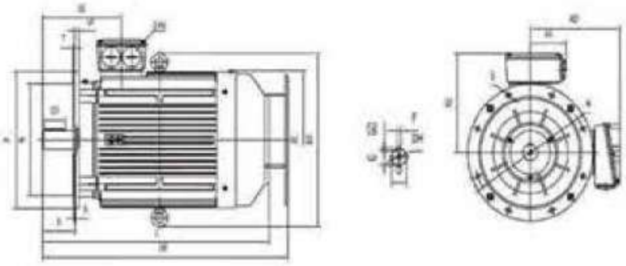
YE2-80~132



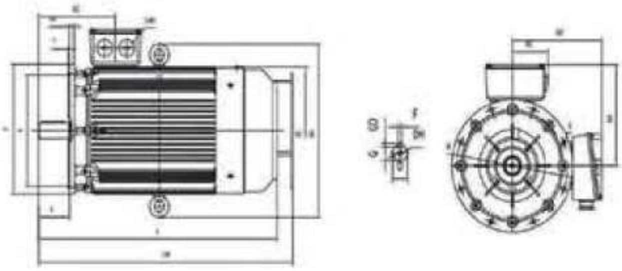
YE2-160~200



YE2-225~280



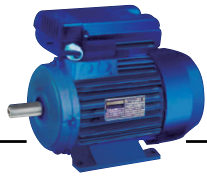
YE2-315~355V1



High Efficiency & Perfomance Reliability that Make the Difference

IMB5, V1 DIMENSIONS (MM)

机座号	AC	D	AD	AD	E	ED	F	G	GD	R	L	LA	LG	LM	M	N	P	S	T	KK
80	175	19	145	140	40	22	6	15.5	6	0	301	14	112	-	165	130	200	12	3.5	M24X1.5
90S	195	24	165	150	50	32	8	20	7	0	360	12	126	-	165	130	200	12	3.5	M24X1.5
90 L	195	24	165	150	50	32	8	20	7	0	390	12	126	-	165	130	200	12	3.5	M24X1.5
100L	215	28	180	160	60	40	8	24	7	0	435	14	153	-	215	180	250	14.5	4	M24X1.5
112M	240	28	190	185	60	40	8	24	7	0	480	12	144	-	215	180	250	14.5	4	M30X2
132S	275	38	210	205	80	56	10	33	8	0	510	13	167	-	265	230	300	14.5	4	M30X2
132M	275	38	210	205	80	56	10	33	8	0	550	13	167	-	265	230	300	14.5	4	M30X2
160M	330	42	255	250	110	80	12	37	8	0	667	15	267.5	732	300	250	350	18.5	5	M36X2
160L	330	42	255	250	110	80	12	37	8	0	689	15	267.5	754	300	250	350	18.5	5	M36X2
180M	380	48	270	270	110	80	14	42.5	9	0	732	15	277	807	300	250	350	18.5	5	M36X2
180L	380	48	270	270	110	80	14	42.5	9	0	780	15	277	855	300	250	350	18.5	5	M36X2
200L	420	55	325	325	110	90	16	49	10	0	779	17	300	864	350	300	400	18.5	5	M48X2
225S(4-8P)	465	60	335	335	140	100	18	53	11	0	836	19	340	905	400	350	450	18.5	5	M48X2
225M(2P)	465	55	335	335	110	80	16	49	10	0	831	19	310	900	400	350	450	18.5	5	M48X2
225M(4-8P)	465	60	335	335	140	100	18	53	11	0	866	19	340	935	400	350	450	18.5	5	M48X2
250M(2P)	520	60	370	370	140	100	18	53	11	0	936	20	360	1062	500	450	550	18.5	5	M64X2
250M(4-8P)	520	65	370	370	140	100	18	58	11	0	942	20	360	1068	500	450	550	18.5	5	M64X2
280S(2P)	570	65	395	395	140	100	18	58	11	0	970	22	350	1100	500	450	550	18.5	5	M64X2
280S(4-8P)	570	75	395	395	140	100	20	67.5	12	0	975	22	350	1090	500	450	550	18.5	5	M64X2
280M(2P)	570	65	395	395	140	100	18	58	11	0	1020	22	350	1100	500	450	550	18.5	5	M64X2
280M(4-8P)	570	75	395	395	140	100	20	67.5	12	0	1015	22	350	1090	500	450	550	18.5	5	M64X2
315S(2P)	650	65	495	495	140	100	18	58	11	0	1160	24	387	1258	600	550	660	24	6	M64X2
315M(2P)	650	65	495	495	140	100	18	58	11	0	-	24	387	1368	600	550	660	24	6	M64X2
315L(2P)	650	65	495	495	140	100	18	58	11	0	-	24	387	1368	600	550	660	24	6	M64X2
315S(4-10P)	650	80	495	495	170	130	22	71	14	0	-	24	417	1288	600	550	660	24	6	M64X2
315M(4-10P)	650	80	495	495	170	130	22	71	14	0	-	24	417	1398	600	550	660	24	6	M64X2
315L(4-10P)	650	80	495	495	170	130	22	71	14	0	-	24	417	1398	600	550	660	24	6	M64X2
355M(2P)V1	735	75	645	650	140	110	20	67.5	12	0	-	25	420	1590	740	680	800	24	6	M72X2
355L(2P)V1	735	75	645	650	140	110	20	67.5	12	0	-	25	420	1590	740	680	800	24	6	M72X2
355M(4-10P)V1	735	95	645	650	170	140	25	86	14	0	-	25	450	1620	740	680	800	24	6	M72X2
355L(4-10P)V1	735	95	645	650	170	140	25	86	14	0	-	25	450	1720	740	680	800	24	6	M72X2



THOMPSON
Electric Industries INC

High Efficiency & Perfomance Reliability that Make the Difference

ML Series Dual Capacitors Single Phase Induction Motors

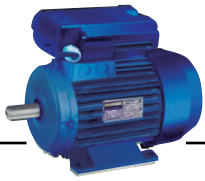
IEC/ISO/CENELEC/DIN Design

IP54/IP55 - IC411 - Insulation class F, temperature rise class B

2 capacitors = 1 (Capacitor-start) + 1 (Capacitor-run)

Housing = Aluminum-alloy

Model	Output		Rated Current (A		Speed	Eff.	P. F.	Torque	Ist	Tst	Tmax	Noise	Weight
	kW	hp	110V	220V	r/min	η%	cosφ	Nm	In	Tn	Tn	dB(A)	kg
Synchronous Speed 3600 r/min = 2-poles (60Hz)													
ML 631-2	0.18	0.25	2.89	1.44	3252	63	0.9	0.53	5.8	2.5	1.6	70	4
ML 632-2	0.25	0.34	3.95	1.97	3252	64	0.9	0.73	5.3	2.5	1.6	73	4.5
ML 711-2	0.37	0.5	5.56	2.78	3336	65	0.93	1.06	5.6	2.5	1.8	75	6.1
ML 712-2	0.55	0.75	7.91	3.95	3348	68	0.93	1.57	5.3	2.5	1.8	76	6.5
ML 801-2	0.75	1	10.18	5.09	3360	72	0.93	2.13	6.2	2.5	1.8	76	9
ML 802-2	1.1	1.5	14.73	7.36	3372	73	0.93	3.12	5.7	2.5	1.8	79	10
ML 90S-2	1.5	2	19.81	9.91	3372	74	0.93	4.25	5.8	2.5	1.8	84	13
ML 90L-2	2.2	3	28.37	14.18	3372	75	0.94	6.23	5.5	2.5	1.8	84	14
ML 100L-2	3	4	37.28	18.64	3396	77	0.95	8.44	6.2	2.5	1.7	88	24
ML 112M-2	4	5.5	46.38	23.19	3420	80	0.98	11.17	6.8	2.5	1.7	90	34
Synchronous Speed 1800 r/min = 4-poles (60Hz)													
ML 631-4	0.12	0.16	2.20	1.10	1620	55	0.9	0.71	5.7	2.5	1.6	64	4
ML 632-4	0.18	0.25	3.25	1.62	1620	56	0.9	1.06	5.5	2.5	1.6	64	4.5
ML 711-4	0.25	0.34	4.21	2.10	1656	60	0.9	1.44	5.0	2.5	1.7	66	6.1
ML 712-4	0.37	0.5	5.93	2.97	1656	63	0.9	2.13	5.3	2.5	1.7	68	6.5
ML 801-4	0.55	0.75	8.42	4.21	1680	66	0.9	3.13	5.0	2.5	1.8	71	9.5
ML 802-4	0.75	1	10.98	5.49	1692	69	0.9	4.23	5.7	2.5	1.8	71	10.5
ML 90S-4	1.1	1.5	15.14	7.57	1692	71	0.93	6.21	5.5	2.5	1.8	74	13.5
ML 90L-4	1.5	2	20.09	10.04	1680	73	0.93	8.53	5.7	2.5	1.8	79	14.5
ML 100L1-4	2.2	3	29.06	14.53	1716	74	0.93	12.24	5.4	2.5	1.8	79	24
ML 100L2-4	3	4	39.10	19.55	1728	75	0.93	16.58	5.9	2.5	1.8	83	28.5
ML 112M1-4	3.75	5	46.60	23.30	1728	77	0.95	20.72	6.3	2.5	1.7	86	32
ML 112M2-4	4	5.5	46.86	23.43	1728	80	0.97	22.11	6.7	2.5	1.7	86	33

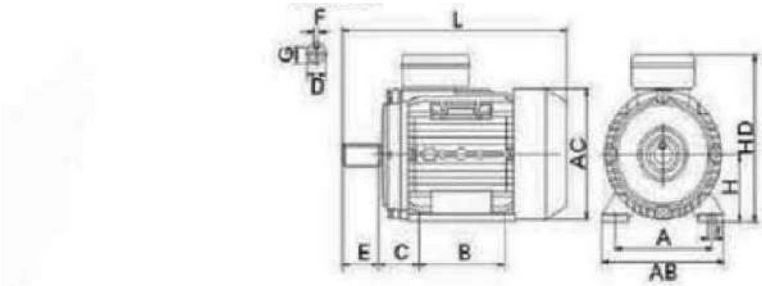


THOMPSON Electric Industries INC

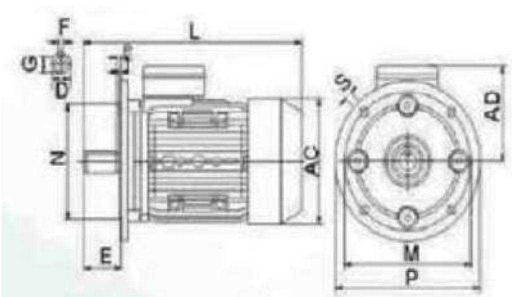
High Efficiency & Perfomance Reliability that Make the Difference

INSTALLATION SIZE AND OVERALL DIMENSION

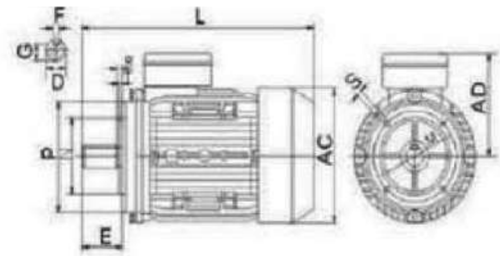
IMB3



IMB5



IMB14



Frame Size	Mounting Dimensions (mm)																						Freme Dimensione (mm)				
										IMB14						IMB5											
	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
71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	35	145	145	125	205	255
80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	35	160	165	135	235	295
90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	35	180	185	145	265	335
90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	35	180	185	145	265	360
100	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	205	215	170	280	380
112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	245	240	180	310	400

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	Eff.	P. F.	Torque	Tst/Tn	Ist/In	Tmax/Tn	Excitation Voltage	Energizing power	No-load brake lag (Time)	Weight
	kW	hp	220V	380V	440V	r/min	η%	cos φ	N.m				V	W	S	kg
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	0.66	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	1.58	3414	75	0.83	8	2.2	7	2.3	99	30	0.2	19
YEJ2 80M2-2	1.1	1.5	4.46	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	10.90	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	30.85	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	36.86	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	142.63	78.44	71.31	3540	92	0.90	450	2	7.5	2.3	170	200	0.45	362

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)

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	1.36	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	17.78	16.16	1728	87	0.84	75	2.3	7	2	170	150	0.25	93
YEJ2 160M-4	11	20	39.05	21.48	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	40.58	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	59	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 112M-6	2.2	3	9.62	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	38.18	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 = 8-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	I.S	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	1.9	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	70.98	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	0.78	450	1.9	6.6	2	170	200	0.45	345

THOMPSON Electric Industries INC

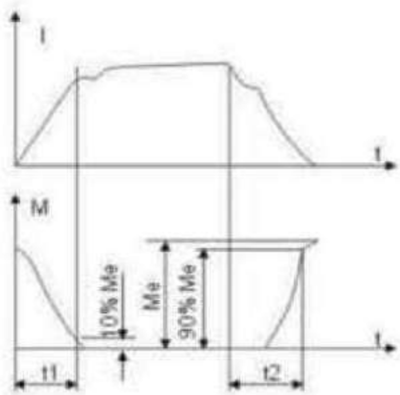
High Efficiency & Perfomance Reliability that Make the Difference

CONDITION

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

APPLICATION

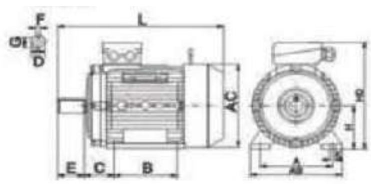
Sultable for any kind of machine which is required to stop quickly, located accurately, rotating and brake frequently. Such as: machine tools, packing machinery, wood worker, machinery, food processing machinery, chemical engineering machinery, textile machinery, construction machinery, gear reducer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



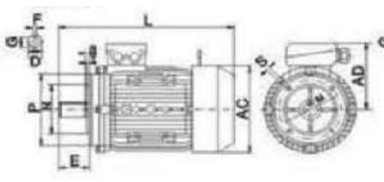
BRAKE CURVES

High Efficiency & Perfomance Reliability that Make the Difference

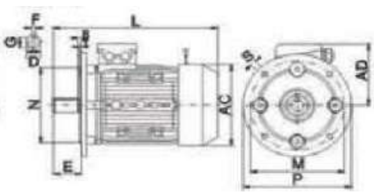
IMB3



IMB14

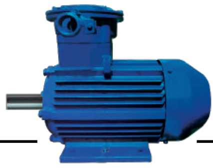


IMB5



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 INC

EXPLOSION PROOF

High Efficiency & Perfomance Reliability that Make the Difference

IEC High Efficiency Three Phase Explosion-proof Induction Motor

IEC / CENELEC / DIN Design
IP 54/55 - IC 411 - Insulation class F, temperature rise class B
IE2 efficiency class according to IEC 60034-30; 2008
Housing = Cast of Iron

Type	Rated power	Rated speed	Rated current (A)			Efficiency	Power factor	Rated torque	Ist/In	Tst/Tn	Tmax/Tn	Iner a Jm	Noise dB(A)		Weight
	(kW)	(r/min)	(220V)	(380V)	(440V)	(η%)	(cosϕ)	(N.m)	(mes)	(mes)	(mes)	(kgm²)	Unload	Load	(kg)
Synchronous Speed 3600 r/min = 2-Poles (60Hz)															
YBX3 80M1-2	0.75	3420	3.1	1.8	1.5	77.5	0.83	2.1	7	2	2.3	0.001	67	69	34
YBX3 80M2-2	1.1	3420	4.2	2.4	2.1	82.8	0.84	3.1				0.0014			35
YBX3 90S-2	1.5	3444	5.6	3.2	2.8	84.1	0.84	4.2	7.5			0.0022	64	66	40
YBX3 90L-2	2.2	3456	7.9	4.6	3.9	85.6	0.85	6.1				0.0028			42
YBX3 100L-2	3	3480	10.4	6.0	5.2	86.7	0.87	8.2				0.004	68	70	59
YBX3 112M-2	4	3504	13.4	7.7	6.6	89.3	0.88	10.9				0.0071	69	71	68
YBX3 132S1-2	5.5	3516	18.2	10.5	9.0	90.1	0.88	14.9				0.012	72	74	87
YBX3 132S2-2	7.5	3516	24.6	14.2	12.2	90.9	0.88	20.4				0.015			93
YBX3 160M1-2	11	3540	35.7	20.7	17.7	91.9	0.88	29.7			2.4	0.052	78	80	136
YBX3 160M2-2	15	3540	47.8	27.7	23.7	92.5	0.89	40.5				0.061			144
YBX3 160L-2	18.5	3540	58.7	34.0	29.1	92.9	0.89	49.9				0.068			155
YBX3 180M-2	22	3552	68.8	39.8	34.1	93.3	0.9	59.1			2.3	0.101	81	83	241
YBX3 200L1-2	30	3564	93.2	53.9	46.2	93.9	0.9	80.4			2.4	0.17	84	86	275
YBX3 200L2-2	37	3564	114.5	66.3	56.8	94.2	0.9	99.1				0.204			300
YBX3 225M-2	45	3564	138.7	80.3	68.7	94.6	0.9	120.6			2.3	0.298			420
YBX3 250M-2	55	3564	169.0	97.8	83.7	94.9	0.9	147.4				0.374	81	83	477
YBX3 280S-2	75	3576	229.2	132.7	113.6	95.4	0.9	200.3				0.677	82	84	640
YBX3 280M-2	90	3576	271.8	157.3	134.7	95.5	0.91	240.4				0.795			697
YBX3 315S-2	110	3582	331.1	191.7	164.1	95.8	0.91	293.3	7.4	1.8	2.2	1.524	83.5	85.5	1074
YBX3 315M-2	132	3582	396.1	229.3	196.3	96.1	0.91	351.9				1.806			1213
YBX3 315L1-2	160	3582	480.2	278.0	237.9	96.1	0.91	426.6				1.975	86.5	88.5	1252
YBX3 315L2-2	200	3582	600.2	347.5	297.4	96.1	0.91	533.2				2.257			1321
YBX3 355S1-2	185	3588	555.2	321.4	275.1	96.1	0.91	492.4				2.317	87	89	1480
YBX3 355S2-2	200	3588	593.7	343.7	294.2	96.1	0.92	532.3				2.317			1480
YBX3 355M1-2	220	3588	653.0	378.1	323.6	96.1	0.92	585.6		1.6		2.67	90	92	1558
YBX3 355M2-2	250	3588	742.1	429.6	367.7	96.1	0.92	665.4				2.67			1558
YBX3 355L1-2	280	3588	831.1	481.2	411.8	96.1	0.92	745.3				3.141			1749
YBX3 355L2-2	315	3588	935.0	541.3	463.3	96.1	0.92	838.4				3.77			1888
Synchronous Speed 1800 r/min = 4-Poles (60Hz)															
YBX3 80M1-4	0.55	1704	2.4	1.4	1.2	80.7	0.75	3.1	7	2	2.3	0.0022	58	63	35
YBX3 80M2-4	0.75	1710	3.1	1.8	1.6	82.3	0.76	4.2				0.0026			36
YBX3 90S-4	1.1	1716	4.5	2.6	2.2	83.8	0.77	6.1	7.5			0.0035	53	58	39
YBX3 90L-4	1.5	1716	5.9	3.4	2.9	85.0	0.78	8.3				0.0044			41
YBX3 100L1-4	2.2	1728	8.2	4.8	4.1	86.4	0.81	12.2			2.4	0.011	56	61	58
YBX3 100L2-4	3	1728	11.0	6.4	5.4	87.4	0.82	16.6				0.014			63
YBX3 112M-4	4	1728	14.2	8.2	7.1	89.9	0.82	22.1				0.017	57	62	74
YBX3 132S-4	5.5	1752	19.2	11.1	9.5	90.7	0.83	30.0				0.034	63	68	93
YBX3 132M-4	7.5	1752	25.6	14.8	12.7	91.5	0.84	40.9				0.043			105
YBX3 160M-4	11	1764	37.3	21.6	18.5	92.2	0.84	59.6				0.101	67	72	141
YBX3 160L-4	15	1764	49.9	28.9	24.7	92.9	0.85	81.2				0.119		71	153
YBX3 180M-4	18.5	1764	61.2	35.4	30.3	93.3	0.85	100.2			2.3	0.165	68	72	235
YBX3 180L-4	22	1764	72.6	42.0	36.0	93.6	0.85	119.1				0.204			255
YBX3 200L-4	30	1776	97.2	56.3	48.2	94.2	0.86	161.3			2.4	0.316	71	75	285
YBX3 225S-4	37	1776	118.1	68.4	58.5	94.5	0.87	199.0				0.537	73	77	360
YBX3 225M-4	45	1776	143.2	82.9	71.0	94.8	0.87	242.0				0.664		76	390
YBX3 250M-4	55	1782	174.6	101.1	86.5	95.0	0.87	294.8				0.775	71	74	494
YBX3 280S-4	75	1782	236.9	137.2	117.4	95.5	0.87	401.9				1.544	74	77	718
YBX3 280M-4	90	1782	283.7	164.2	140.6	95.7	0.87	482.3				1.859			816
YBX3 315S-4	110	1788	341.4	197.6	169.1	96.1	0.88	587.5				3.282	80.5	83.5	1095
YBX3 315M-4	132	1788	409.6	237.2	203.0	96.1	0.88	705.0				3.705			1212

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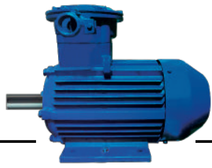
YBX3 315L1-4	160	1788	490.9	284.2	243.3	96.1	0.89	854.6		1.9		4.234	84.5	87.5	1279
YBX3 315L2-4	200	1788	613.7	355.3	304.1	96.1	0.89	1068.2				5.028			1378
YBX3 355S1-4	185	1788	567.7	328.6	281.3	96.1	0.89	988.1	7.4		2.2	4.98	85	88	1527
YBX3 355S2-4	200	1788	613.7	355.3	304.1	96.1	0.89	1068.2				5.346			1570
YBX3 355M1-4	220	1788	667.6	386.5	330.8	96.1	0.9	1175.1				6.005			1646
YBX3 355M2-4	250	1788	758.6	439.2	375.9	96.1	0.9	1335.3		1.8		6.518	88	91	1705
YBX3 355L1-4	280	1788	849.6	491.9	421.0	96.1	0.9	1495.5				7.323			1881
YBX3 355L2-4	315	1788	955.8	553.4	473.6	96.1	0.9	1682.5				8.202			1983
Synchronous Speed 1200 r/min = 6-Poles (60Hz)															
YBX3 80M1-6	0.37	1116	2.2	1.3	1.1	63.0	0.7	3.2		1.9		0.0023	54	61	33
YBX3 80M2-6	0.55	1116	2.7	1.5	1.3	75.4	0.72	4.7	6.5			0.0035			36
YBX3 90S-6	0.75	1122	3.5	2.0	1.7	77.7	0.72	6.4			2.1	0.0043	49	56	37
YBX3 90L-6	1.1	1122	4.9	2.9	2.5	79.9	0.73	9.4				0.0061			40
YBX3 100L-6	1.5	1128	6.4	3.7	3.2	81.5	0.75	12.7	6.8			0.01	53	60	57
YBX3 112M-6	2.2	1140	9.1	5.3	4.5	83.4	0.76	18.4				0.017	57	64	69
YBX3 132S-6	3	1152	11.9	6.9	5.9	86.9	0.76	24.9				0.033			83
YBX3 132M1-6	4	1152	15.7	9.1	7.8	87.9	0.76	33.2				0.042	61	68	91
YBX3 132M2-6	5.5	1152	21.0	12.2	10.4	89.1	0.77	45.6	7		2.4	0.053			99
YBX3 160M-6	7.5	1164	28.2	16.3	14.0	90.6	0.77	61.5				0.109		72	133
YBX3 160L-6	11	1164	40.5	23.4	20.1	91.4	0.78	90.2				0.15	65		154
YBX3 180L-6	15	1164	52.7	30.5	26.1	92.3	0.81	123.1		2	2.1	0.246		71	239
YBX3 200L1-6	18.5	1176	64.7	37.4	32.0	92.7	0.81	150.2				0.369			240
YBX3 200L2-6	22	1176	74.7	43.3	37.0	93.1	0.83	178.7				0.459	68	74	280
YBX3 225M-6	30	1176	100.1	58.0	49.6	93.6	0.84	243.6			2.4	0.686			360
YBX3 250M-6	37	1176	120.1	69.5	59.5	94.0	0.86	300.5				0.941	66	72	470
YBX3 280S-6	45	1182	145.5	84.2	72.1	94.4	0.86	363.6				1.67	68	73	655
YBX3 280M-6	55	1182	177.2	102.6	87.8	94.7	0.86	444.4			2.2	1.988			725
YBX3 315S-6	75	1188	240.9	139.5	119.4	95.0	0.86	602.9	7.2			3.798			1058
YBX3 315M-6	90	1188	288.5	167.0	142.9	95.2	0.86	723.5				4.501	72.5	77.5	1169
YBX3 315L1-6	110	1188	350.8	203.1	173.8	95.7	0.86	884.3				5.415			1257
YBX3 315L2-6	132	1188	416.1	240.9	206.2	95.7	0.87	1061.1				6.329		76.5	1341
YBX3 355S-6	160	1188	498.6	288.7	247.1	95.7	0.88	1286.2			2	11.64			1604
YBX3 355M1-6	185	1188	576.5	333.8	285.7	95.7	0.88	1487.2				12.513			1657
YBX3 355M2-6	200	1188	623.3	360.8	308.8	95.7	0.88	1607.7		1.9		13.386	79	83	1705
YBX3 355L1-6	220	1188	685.6	396.9	339.7	95.7	0.88	1768.5				15.132			1890
YBX3 355L2-6	250	1188	779.1	451.0	386.0	95.7	0.88	2009.7				16.878			1990
Synchronous Speed 900 r/min = 8-Poles (60Hz)															
YBX3 80M1-8	0.18	780	1.5	0.86	0.74	52.0	0.61	2.2	3.3		1.9	0.0027	52	60	29
YBX3 80M2-8	0.25	780	2.0	1.1	0.97	55.0	0.61	3.1				0.0032			30
YBX3 90S-8	0.37	804	2.5	1.4	1.2	63.0	0.62	4.4				0.0043	48	56	41
YBX3 90L-8	0.55	804	3.6	2.1	1.8	64.0	0.63	6.5				0.0055			44
YBX3 100L1-8	0.75	828	4.1	2.4	2.0	71.0	0.68	8.7	4	1.8	2	0.0067	51	59	51
YBX3 100L2-8	1.1	828	5.7	3.3	2.8	73.0	0.69	12.7				0.0093			54
YBX3 112M-8	1.5	828	7.6	4.4	3.8	75.0	0.69	17.3				0.0143	53	61	62
YBX3 132S-8	2.2	852	10.0	5.8	5.0	79.0	0.73	24.7	5.5			0.032	57	65	89
YBX3 132M-8	3	852	13.3	7.7	6.6	81.0	0.73	33.6				0.055			95
YBX3 160M1-8	4	864	17.8	10.3	8.8	81.0	0.73	44.2				0.067			120
YBX3 160M2-8	5.5	864	23.2	13.4	11.5	83.0	0.75	60.8	6	1.9		0.094	60	68	132
YBX3 160L-8	7.5	876	30.5	17.6	15.1	85.0	0.76	81.8			2.2	0.134			155
YBX3 180L-8	11	876	43.7	25.3	21.6	87.0	0.76	119.9				0.258	62	70	221
YBX3 200L-8	15	876	58.2	33.7	28.8	89.0	0.76	163.5				0.41			280
YBX3 225S-8	18.5	888	69.2	40.0	34.3	90.0	0.78	199.0	6.5	2		0.62	65	72	330
YBX3 225M-8	22	888	81.8	47.4	40.5	90.5	0.78	236.6				0.67			350
YBX3 250M-8	30	888	109.5	63.4	54.3	91.0	0.79	322.6		1.9		1.12			472
YBX3 280S-8	37	888	134.3	77.8	66.6	91.5	0.79	397.9	6			1.3	66	73	580
YBX3 280M-8	45	888	162.5	94.1	80.5	92.0	0.79	484.0				1.6		72	630
YBX3 315S-8	55	888	192.0	111.2	95.1	92.8	0.81	591.5				4.85			884
YBX3 315M-8	75	888	259.9	150.5	128.8	93.5	0.81	806.6				6	70	76	1000
YBX3 315L1-8	90	888	307.1	177.8	152.2	93.8	0.82	967.9		1.8	2	6.9			1100
YBX3 315L2-8	110	888	374.5	216.8	185.6	94.0	0.82	1183.0	6.5			7.8			1250



High Efficiency & Perfomance Reliability that Make the Difference

YBX3 355S-8	132	894	448.5	259.6	222.2	94.2	0.82	1410.1				11.8	78	83	1850
YBX3 355M-8	160	894	543.6	314.7	269.4	94.2	0.82	1709.2				11.8	78	83	1950
YBX3 355L1-8	185	894	628.5	363.9	311.4	94.2	0.82	1976.2				14.8	78	83	2055
YBX3 355L2-8	200	894	669.2	387.4	331.6	94.5	0.83	2136.5				17.4	78	83	2209
Synchronous Speed720 r/min = 10-Poles (60Hz)															
YBX3 315S-10	45	708	172.1	99.6	85.3	91.5	0.75	607	6	1.5	2	4.9	70	77	850
YBX3 315M-10	55	708	209.2	121.1	103.7	92.0	0.75	742	6	1.5	2	5.6	70	77	950
YBX3 315L1-10	75	708	280.0	162.1	138.7	92.5	0.76	1012	6	1.5	2	7	70	77	1223
YBX3 315L2-10	90	708	329.8	191.0	163.4	93.0	0.77	1214	6	1.5	2	7.8	70	77	1280
YBX3 355S-10	90	714	329.8	191.0	163.4	93.0	0.77	1204	6	1.5	2	10	70	77	1730
YBX3 355M1-10	110	714	397.1	229.9	196.8	93.2	0.78	1471	5.5	1.3	2	11.2	88	95	1800
YBX3 355M2-10	132	714	475.0	275.0	235.4	93.5	0.78	1766	5.5	1.3	2	12.4	88	94	1870
YBX3 355L1-10	160	714	575.8	333.3	285.3	93.5	0.78	2140	5.5	1.3	2	16.2	88	94	2148
YBX3 355L2-10	185	714	665.7	385.4	329.9	93.5	0.78	2474	5.5	1.3	2	17.4	88	94	2250

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