



IE2/ME2 IE3/ME3 (SERIES)

TECHNICAL DATA

MODEL	A/2	A	B	C	D	E	F	G	H	K	HD	L
80M	62.5	125	100	50 +1.5 -1.5	19 +0.009 -0.004	40 +0.31 -0.31	6 0 -0.31	15.5 0 -0.1	80 0 -0.5	10	220	295
90S	70	140	100	56 +1.5 -1.5	24 +0.009 -0.004	50 +0.31 -0.31	8 0 -0.036	20 0 -0.2	90 0 -0.5	10	250	320
90L	70	140	125	56 +1.5 -1.5	24 +0.009 -0.004	50 +0.31 -0.31	8 0 -0.036	20 0 -0.2	90 0 -0.5	10	250	345
100L	80	160	140	63 +2.0 -2.0	28 +0.009 -0.004	60 +0.37 -0.37	8 0 -0.036	24 0 -0.2	100 0 -0.5	12	270	385
112M	95	190	140	70 +2.0 -2.0	28 +0.009 -0.004	60 +0.37 -0.37	8 0 -0.036	24 0 -0.2	112 0 -0.5	12	300	400
132S	108	216	140	89 +2.0 -2.0	38 +0.018 -0.002	80 +0.37 -0.37	10 0 -0.036	33 0 -0.2	132 0 -0.5	12	345	470
132M	108	216	178	89 +2.0 -2.0	38 +0.018 -0.002	80 +0.37 -0.37	10 0 -0.036	33 0 -0.2	132 0 -0.5	12	345	510
160M	127	254	210	108 +2.0 -2.0	42 +0.018 -0.002	110 +0.37 -0.37	12 0 -0.036	37 0 -0.2	160 0 -0.5	15	420	615
160L	127	254	254	108 +2.0 -2.0	42 +0.018 -0.002	110 +0.37 -0.37	12 0 -0.036	37 0 -0.2	160 0 -0.5	15	420	670

IE2/ME2 (SERIES)

IE2/ME2 HIGH EFFICIENCY ALUMINUM HOUSING MOTOR

TECHNICAL DATA

Model	Power (KW)	Rated Speed (RPM)	Rated Current (A)	Eff. (%)	Power Factor (Cos)	Rated Torque (N.M)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)
2 Pole-3000rpm Synchron Speed 50Hz									
ME2-801-2	0.75	2840	1.75	77.4	0.8	2.51	3.3	2.9	6
ME2-802-2	1.1	2850	2.42	80	0.82	3.69	3.6	3.5	6.8
ME2-90S-2	1.5	2850	3.2	81.4	0.83	7.38	3.6	3.5	6.9
ME2-90L-2	2.2	2860	4.54	83.2	0.84	7.38	4.1	4.1	7.9
ME2-100L-2	3	2880	5.88	84.6	0.87	10.05	3.4	3.4	7.8
ME2-112M-2	4	2890	7.56	86	0.89	13.13	3.3	2.7	7.5
ME2-132S1-2	5.5	2900	10.25	87.2	0.89	18.08	3	2.4	7.8
ME2-132S2-2	7.5	291	13.8	88.1	0.88	24.61	3.2	2.6	8.4
ME2-160M1-2	11	2930	19.9	89.4	0.89	35.85	3.3	2.4	7.6
ME2-160M2-2	15	2930	26.9	90.3	0.89	48.89	2.9	2.2	7.6
ME2-160L-2	18.5	2937	33.0	90.9	0.89	60.15	3.0	2.3	7.4
4Pole-1500rpm Synchronous Speed 50Hz									
ME2-802-4	0.75	1410	1.79	79.6	0.76	5.04	2.6	2.8	5.3
ME2-90S-4	1.1	1420	2.5	81.4	0.78	7.37	2.7	3.8	6.7
ME2-90L-4	1.5	1420	3.31	82.8	0.79	10.09	3.6	4	7.2
ME2-100L1-4	2.2	1440	4.83	84.3	0.78	14.69	3.5	3.6	7.4
ME2-100L2-4	3	1440	6.33	85.5	0.8	20.03	2.9	3.8	7.8
ME2-112M-4	4	1440	8.3	86.6	0.81	26.62	2.7	3.1	7.1
ME2-132S-4	5.5	1450	11	87.9	0.83	36.73	2.7	2.6	7.4
ME2-132M-4	7.5	1450	14.5	88.7	0.84	50.08	3.1	2.8	7.7
ME2-160M-4	11	1460	21.0	89.8	0.84	71.9	2.9	2.5	6.9
ME2-160L-4	15	1460	28.1	90.6	0.85	98.1	3	2.6	7.5
6Pole-1000rpm Synchronous Speed 50Hz									
ME2-90S-6	0.75	925	2.01	76	0.71	7.66	3.1	3.1	4.7
ME2-90L-6	1.1	930	2.82	78.1	1.72	11.23	3.2	3.2	5
ME2-100L-6	1.5	940	3.71	80	1.73	15.24	2.9	3.1	5.9
ME2-112M-6	2.2	945	5.17	81.8	0.75	22.35	2.8	2.6	5.5
ME2-132S-6	3	960	6.84	83.8	0.76	30.48	2.7	2.2	5.7
ME2-132M1-6	4	960	8.86	84.6	0.77	40.42	2.7	2.4	6.2
ME2-132M2-6	5.5	960	12	86	0.77	55.58	2.7	2.6	6.7
ME2-160M-6	7.5	970	15.9	87.2	0.78	73.8	3	2	6.5
ME2-160L-6	11	970	22.9	88.7	0.78	108.3	3.3	2.4	7.5



IE2/YE2 IE3/YE3 (SERIES)

IE3/YE3

IE3/YE3 PREMIUM EFFICIENCY ALUMINUM HOUSING MOTOR

TECHNICAL DATA

Model	Rated Output		Rated Speed (RPM)	Efficiency (%)	Power Factor (CosΦ)	Rated Current (A)			Rated Torque (N.M)	Ts/Tn	Tmax/tn	Is/In	Weight kg
	KW	HP				380	400	415					
2 Pole-3000rpm Synchrpm Synchronous Speed 50Hz													
YE3-160M1-2	11	15	2945	91.2	0.90	20.4	193	18.6	35.7	2.3	2.6	7.3	128
YE3-160M2-2	15	20	2945	91.9	0.91	27.2	25.9	24.9	48.6	1.9	2.3	7	140
YE3-160L-2	18.5	25	2940	92.4	0.89	34.1	32.4	31.3	60.1	1.6	2.5	7	155
YE3-180M-2	22	30	2955	92.7	0.90	40.1	38.1	36.7	71.1	1.6	2.5	7	192
YE3-200L1-2	30	40	2960	93.3	0.89	54.8	52.1	50.2	96.8	1.5	2.5	7	246
YE3-200L2-2	37	50	2960	93.7	0.91	65.9	62.6	60.3	119	1.5	2.5	7.3	267
YE3-225M-2	45	60	2965	94.0	0.88	82.5	78.4	75.5	145	1.6	2.5	6.8	353
YE3-250M-2	55	78	2970	94.3	0.89	99.6	94.6	91.2	176.9	1.6	2.6	7.2	408
YE3-280S-2	75	100	2975	94.7	0.91	134	127	122	240.8	1.2	2	7.2	548
YE3-280M-2	90	125	2975	95.0	0.89	162	153	148	288.9	1.2	2	7.4	596
YE3-315S-2	110	150	2978	95.2	0.90	195	185	179	352.8	1.2	2	7.3	956
YE3-315M-2	132	180	2978	95.4	0.90	233	222	214	432.3	1.3	2.1	7.3	1017
YE3-315L1-2	170	200	2980	95.6	0.90	283	268	259	512.8	1.2	2	6.8	119
YE3-315L2-2	200	270	2980	95.8	0.91	349	331	319	640.9	1.1	2	7.8	1150
YE3-355M-2	250	340	2982	95.8	0.92	431	409	394	800.6	1.1	2	7.9	1948
YE3-355L-2	315	430	2982	95.8	0.92	543	519	497	1009	1.1	2	7.9	2356

Model	Power (KW)	Full Load Speeds (r/min)	IO 400V(A)	In 400V(A)	Ist/In (Times)	Eff. (%)	Power Factor (Cos)	Rated Torque (N.M)	Tmax/Tn (Times)	Tst/Tn (Times)	Isr/In (Times)
2 Pole-3000rpm Synchrpm Synchronous Speed 50Hz											
YE2 160M1-2	11	2920	6.57	19.73	7.9	89.4	0.9	35.97	2.2	2.2	2.2
YE2 160M2-2	15	2918	8.37	26.35	7.9	90.3	0.91	49.09	2.3	2.3	2.3
YE2 160L-2	18.5	2922	9.64	31.93	8	90.9	0.92	60.46	2.4	2.4	2.4
YE2 180M-2	22	2930	13.6	39.08	7.5	91.3	0.89	71.7	2.3	2.3	2.3
YE2 200L1-2	30	2925	19.39	53.49	6.7	92	0.88	97.94	2.4	2.4	2.4
YE2 200L2-2	37	2930	21.36	64.15	6.3	92.5		120.59	2.3	2.3	2.3
YE2 225M-2	45	2930	28.81	79.45	6.9	92.9	0.88	146.66	2.3	2.3	2.3
YE2 250M-2	55	2940	35.09	96.8	8	93.2	0.88	178.64	2.3	2.3	2.3
YE2 280S-2	75	2940	37.85	125.45	8	93.8	0.92	243.6	2.2	2.2	2.2
YE2 280M-2	90	2940	45.28	150.06	7.7	94.1	0.92	292.33	2.2	2.2	2.2
YE2 315S-2	110	2940	62.3	187.08	7.7	94.3	0.9	357.29	2	2	2
YE2 315M-2	132	2940	70.29	221.33	7.6	94.6	0.91	428.74	2	2	2
YE2 315L1-2	160	2945	90.14	270.68	7.8	94.8	0.9	518.81	2	2	2
YE2 315L2-2	200	2945	118.82	341.44	7.9	95	0.89	648.51	2	2	2
YE2 355M-2	250	2945	140.54	422.05	7.8	95	0.9	810.64	2	2	2
YE2 355L-2	315	2945	187.14	537.76	7.8	95	0.89	1021.4	2	2	2
4Pole-1500rpm Synchronous Speed 50Hz											
YE2 160M-4	11	1440	6.17	19.73	7.9	89.4	0.9	35.97	2.2	2.2	2.2
YE2 160L-24	15	1445	7.82	26.35	7.9	90.3	0.91	49.09	2.3	2.3	2.3
YE2 180M-4	18.5	1445	12.68	31.93	8	90.9	0.92	60.46	2.4	2.4	2.4
YE2 180L-4	22	1460	13.55	39.08	7.5	91.3	0.89	71.7	2.3	2.3	2.3
YE2 200L-4	30	1460	19.33	53.49	6.7	92	0.88	97.94	2.4	2.4	2.4
YE2 225S-4	37	1470	33.42	64.15	6.3	92.5		120.59	2.3	2.3	2.3
YE2 225M-4	45	1480	40.47	79.45	6.9	92.9	0.88	146.66	2.3	2.3	2.3
YE2 250M-4	55	1480	34.98	96.8	8	93.2	0.88	178.64	2.3	2.3	2.3
YE2 280S-4	75	1480	40.19	125.45	8	93.8	0.92	243.6	2.2	2.2	2.2
YE2 280M-4	90	1480	45.23	150.06	7.7	94.1	0.92	292.33	2.2	2.2	2.2
YE2 315S-4	110	1480	62.17	187.08	7.7	94.3	0.9	357.29	2	2	2
YE2 315M-4	132	1480	70.22	221.33	7.6	94.6	0.91	428.74	2	2	2
YE2 315L1-4	160	1480	84.93	270.68	7.8	94.8	0.9	518.81	2	2	2
YE2 315L2-4	200	1480	112.32	341.44	7.9	95	0.89	648.51	2	2	2
YE2 355M-4	250	1480	148.36	422.05	7.8	95	0.9	810.64	2	2	2
YE2 355L-4	315	1480	176.9	537.76	7.8	95	0.89	1021.4	2	2	2



IE3/YE3(SERIES)

IE3/YE3 IE3/YE3 PREMIUM EFFICIENCY ALUMINUM HOUSING MOTOR

TECHNICAL DATA

Model	Rated Output		Rated Speed (RPM)	Efficiency (%)	Power Factor (Cos)	Rated Current (A)			Rated Torque (N.M)	Ts/Tn	Tmax/In	Is/IN	Weight kg
	KW	HP				380	400	415					
4 Pole-1500rpm Synchrpm Synchronous Speed 50Hz													
YE3-160M-4	11	15	1465	91.4	0.82	22.3	21.2	20.4	71.7	1.9	2.3	6.8	141
YE3-160L-4	15	20	1465	92.1	0.82	30.1	28.6	27.6	97.8	1.8	2.4	6.8	151
YE3-180M-4	18.5	25	1470	92.6	0.84	36.1	34.3	33.1	120.2	1.8	2.5	6.9	190
YE3-180L-4	22	30	1470	93.0	0.85	42.3	40.2	38.7	142.9	1.8	2.5	7	205
YE3-200L-4	30	40	1475	93.6	0.86	56.5	53.7	51.7	194.2	1.8	2.3	6.8	275
YE3-225S-4	37	50	1485	93.9	0.86	69.5	66.1	63.7	237.9	1.7	2.3	7.1	315
YE3-225M-4	45	60	1485	94.2	0.87	83.2	79.1	76.2	289.4	1.8	2.4	7.1	345
YE3-250M-4	55	75	1485	94.6	0.87	101	96.2	92.7	353.7	1.8	2.4	7	421
YE3-280S-4	75	100	186	95.0	0.87	138	131	126	482	1.8	2.2	6.9	538
YE3-280M-4	90	125	1486	95.2	0.87	165	157	151	578.4	1.6	2.1	7.2	638
YE3-315S-4	110	150	1488	95.4	0.88	199	189	182	706	1.6	2.1	7.2	958
YE3-315M-4	132	180	1488	95.6	0.88	238	226	218	847.2	1.5	2	7.2	1045
YE3-315L1-4	170	200	1488	95.8	0.88	288	274	264	1027	1.5	2	6.8	1115
YE3-315L2-4	200	260	1490	96.0	0.88	360	342	329	1282	1.5	2.1	7.2	1233
YE3-355M-4	250	340	1490	96.0	0.88	449	427	411	1603	1.4	2.1	7.3	1744
YE3-355L-4	315	430	1490	96.0	0.88	567	538	519	2019	1.4	2	7.4	1950
6Pole-1000rpm Synchronous Speed 50Hz													
YE3-160M-6	7.5	10	970	89.1	0.77	16.6	15.7	15.2	73.8	1.7	2.5	5.9	154
YE3-160L-6	11	15	970	90.3	0.79	23.4	22.2	21.4	108.3	1.5	2.4	6	170
YE3-180L-6	15	20	978	91.2	0.81	30.8	29.3	28.2	146.5	1.5	2.4	6	203
YE3-200L1-6	18.5	25	980	91.7	0.81	37.8	35.9	34.6	180.3	1.6	2.4	6.5	241
YE3-200L2-6	22	30	980	92.2	0.83	43.6	41.4	40	214.4	1.7	2.3	6	256
YE3-225M-6	30	40	980	92.9	0.84	58.3	55.4	53.4	292.3	1.9	2.2	6.5	322
YE3-250M-6	37	50	985	93.3	0.84	71.7	68.1	65.7	385.7	1.9	2.2	6.8	405
YE3-280S-6	45	60	985	93.7	0.85	85.8	81.5	78.5	436.3	1.8	2.2	6.5	521
YE3-280M-6	55	75	985	94.1	0.85	104	99.1	95.6	533.2	1.8	2.2	6	570
YE3-315S-6	75	100	985	94.6	0.85	142	135	130	727.2	1.6	2	6.5	941
YE3-315M-6	90	125	988	94.9	0.85	169	161	155	869.9	1.6	2	6.8	1021
YE3-315L1-6	110	150	988	95.1	0.86	204	194	187	1063	1.5	2	6.8	1094
YE3-315L2-6	132	180	988	95.4	0.86	244	232	224	1276	1.4	2.1	6.8	1216
YE3-355M1-6	160	200	990	95.6	0.86	296	281	271	1543	1.4	2	7.1	1591
YE3-355M2-6	200	270	990	95.8	0.88	360	342	330	1929	1.3	2	7.2	1642
YE3-355L-6	250	340	990	95.8	0.88	451	428	413	2412	1.3	2	7.2	1745

IE2/YE2

IE2/YE2 HIGH EFFICIENCY ALUMINUM HOUSING MOTOR

TECHNICAL DATA

Model	Power (KW)	Full Load Speed (r/min)	IO 400V(A)	In 400V(A)	Ist/In (Times)	Eff. (%)	Power Factor (CosΦ)	Rated Torque (N.M)	Tmax/Tn (Times)	Tst/Tn (Times)	Ist/In (Times)
6 Pole-1000rpm Synchrpm Synchronous Speed 50Hz											
YE2 160M-6	7.5	955	8.16	14.78	7	87.2	0.84	74.99	2.4	1.9	2.7
YE2 160L-6	11	960	8.5	21.06	7.3	88.7	0.85	109.42	2.5	2	2.8
YE2 180L-6	15	960	12.48	29.08	7.8	89.7	0.83	149.21	2.3	2.1	2.9
YE2 200L1-6	18.5	965	14.03	34.75	7.8	90.4	0.85	183.07	2.4	2.1	3.2
YE2 200L2-6	22	965	15.86	40.62	7.9	90.9	0.86	217.7	2.3	1.9	3.1
YE2 225M-6	30	975	22.43	55.56	7.9	91.7	0.85	293.82	2.2	1.9	2.7
YE2 250M-6	37	975	29.95	69.79	7.5	92.2	0.83	362.38	2.3	2.1	2.7
YE2 280S-6	45	980	31.81	81.48	7.2	92.7	0.86	438.49	2.3	2	2.8
YE2 280M1-6	55	980	38.71	99.15	7.7	93.1	0.86	535.93	2.2	1.9	2.7
YE2 315S-6	75	980	45.17	129.81	7.9	93.7	0.89	730.81	2.1	1.9	2.5
YE2 315M-6	90	980	51.13	153.56	8	94	0.9	876.98	2	1.8	2.3
YE2 315L1-6	110	980	52.3	187.08	7.7	94.3	0.9	1071.86	2	1.8	2.3
YE2 315L2-6	132	980	78.75	226.3	8	94.6	0.89	1286.23	2	1.8	2.3
YE2 355M1-6	160	980	85.02	267.71	7.6	94.8	0.91	1559.07	2	1.8	2.3
YE2 355M2-6	200	980	112.43	337.64	7.8	95	0.9	1948.84	2	1.8	2.3
YE2 355L-6	250	980	148.52	426.79	7.8	95	0.89	2436.05	2	1.8	2.3