

IE1 IE2 IE3 IE4



ISO9001 ISO14001 OHSAS18001



ĐỘNG CƠ ĐIỆN
TIÊU CHUẨN THƯƠNG HIỆU
HOYER ĐAN MẠCH

SGP





SGP



CAST IRON MOTOR

IE1 IE2



INTRODUCTION

- Three-phase asynchronous motors
- Designed specifically for European market
- Terminal box is at the top of motor housing
- Compact structure and beautiful appearance
- Installation dimensions meet IEC standard
- Grade F insulation
- Grade B temperature rise test
- High efficiency, energy saving, and large starting torque
- Easy to use and maintain

APPLICATION CONDITIONS

- Insulation grade: F
- Protection grade: IP54/IP55
- Rated voltage: according to customer's request
- Rated frequency: 50Hz/60Hz
- Cooling way: IC411
- Working way: S1

INSTALLATION STRUCTURE

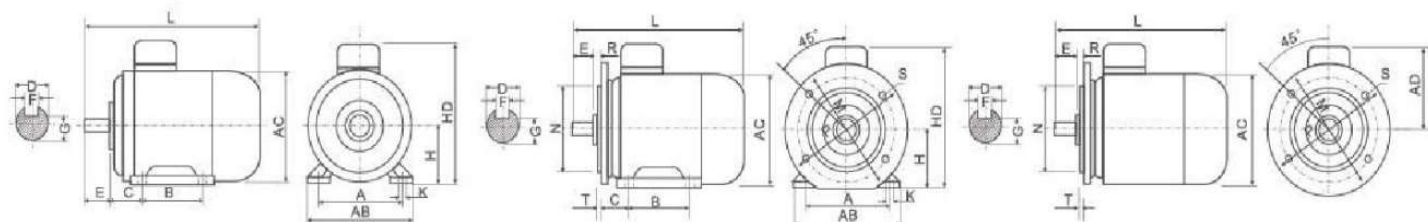
- B3 base with feet; end shields without flange
- B35 base with feet; end shields with flange
- B5 base without feet; end shields with flange

SGP

IMB3

IMB35

IMB5



INSTALLATION SIZE AND OVERALL DIMENSION

Frame Size	Mounting Dimensions (mm)																Frame Dimensions(mm)								
	A	B	C	D		E		F		G		H	K	M	N	P	R	S	T	AB	AC	AD	HD	L	
				2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P	2P	4,6,8,10P													2P	4,6,8,10P
63	100	80	40	11		23		4		8.5		63	7	115	95	140	0	10	3	135	130	70	180	230	
71	112	90	45	14		30		5		11		71	7	130	110	160	0	10	3	150	145	80	195	255	
80	125	100	50	19		40		6		15.5		80	10	165	130	200	0	12	3.5	165	175	145	220	295	
90S	140	100	56	24		50		8		20		90	10	165	130	200	0	12	3.5	180	195	155	250	320	
90L	140	125	56	24		50		8		20		90	10	165	130	200	0	12	3.5	180	195	155	250	345	
100L	160	140	63	28		60		8		24		100	12	215	180	250	0	15	4	205	215	180	270	385	
112M	190	140	70	28		60		8		24		112	12	215	180	250	0	15	4	230	240	190	300	400	
132S	216	140	89	38		80		10		33		132	12	265	230	300	0	15	4	270	275	210	345	470	
132M	216	178	89	38		80		10		33		132	12	265	230	300	0	15	4	270	275	210	345	510	
160M	254	210	108	42		110		12		37		160	15	300	250	350	0	19	5	315	330	255	400	605	
160L	254	254	108	42		110		12		37		160	15	300	250	350	0	19	5	315	330	255	400	660	
180M	279	241	121	48		110		14		42.5		180	15	300	250	350	0	19	5	355	380	280	440	690	
180L	279	279	121	48		110		14		42.5		180	15	300	250	350	0	19	5	355	380	280	440	725	
200L	318	305	133	55		110		16		49		200	19	350	300	400	0	19	5	410	420	305	500	765	
225S	356	286	149	-	60	-	140	-	18	-	53	225	19	400	350	450	0	19	5	445	470	335	555	-	810
225M	356	311	149	55	60	110	140	16	18	49	53	225	19	400	350	450	0	19	5	445	470	335	550	805	835
250M	406	349	168	60	65	140		18		53	58	250	24	500	450	550	0	19	5	485	510	370	615	910	
280S	457	368	190	65	75	140		18	20	58	67.5	280	24	500	450	550	0	19	5	550	580	410	660	980	
280M	457	419	190	65	75	140		18	20	58	67.5	280	24	500	450	550	0	19	5	550	580	410	660	1030	
315S	508	406	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	630	645	630	825	1180	1275
315M	508	457	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	630	645	630	830	1290	1320
315L	508	508	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	630	645	630	830	1290	1320
355M	610	560	254	75	95	140	170	20	25	68	86	355	28	740	680	800	0	24	6	705	710	655	1010	1510	1540
355L	610	630	254	75	95	140	170	20	25	68	86	355	28	740	680	800	0	24	6	705	710	655	1010	1510	1540

TECHNICAL DATA

IE1

Model	Rated Power		Rated Current (A)										Rated Speed (rpm)	Rated Torque (Nm)	Eff. η	Power Factor $\cos\phi$	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V									
Y2-631-2	0.18	0.25	0.91	0.53	0.24	0.87	0.50	0.23	0.83	0.48	0.22	2760	0.62	65.0	0.80	3.0	3.2	5.0	7	
Y2-632-2	0.25	0.35	1.19	0.69	0.32	1.14	0.66	0.31	1.09	0.63	0.29	2760	0.87	68.0	0.81	3.2	3.3	5.0	7.2	
Y2-711-2	0.37	0.5	1.71	0.99	0.46	1.64	0.94	0.44	1.57	0.91	0.42	2800	1.26	70.0	0.81	2.8	3.0	5.0	9.7	
Y2-712-2	0.55	0.75	2.41	1.40	0.66	2.31	1.33	0.63	2.21	1.28	0.60	2800	1.88	73.0	0.82	3.3	3.5	5.0	10.7	
Y2-801-2	0.75	1	3.29	1.90	0.91	3.15	1.81	0.87	3.01	1.74	0.83	2890	2.48	72.1	0.83	2.8	3.8	7.0	16	
Y2-802-2	1.1	1.5	4.58	2.65	1.28	4.38	2.52	1.23	4.20	2.43	1.18	2900	3.62	75.0	0.84	2.8	3.5	7.0	17	
Y2-90S-2	1.5	2	6.07	3.51	1.70	5.81	3.34	1.63	5.56	3.22	1.56	2900	4.94	77.2	0.84	2.4	2.8	7.5	21	
Y2-90L-2	2.2	3	8.52	4.93	2.41	8.1	4.69	2.31	7.81	4.52	2.21	2930	7.17	79.7	0.85	2.5	2.8	7.5	25	
Y2-100L-2	3	4	11.1	6.43	3.22	10.6	6.11	3.08	10.1	5.89	2.95	2930	9.78	81.5	0.87	2.6	3.2	7.3	43	
Y2-112M-2	4	5.5	14.3	8.31	4.21	13.7	7.90	4.03	13.1	7.61	3.86	2930	13.0	83.1	0.88	2.5	2.7	7.0	42	
Y2-132S1-2	5.5	7.5	19.3	11.2	5.68	18.5	10.6	5.43	17.7	10.2	5.21	2940	17.9	84.7	0.88	2.6	3.0	7.8	64	
Y2-132S2-2	7.5	10	26.0	15.0	7.63	24.8	14.3	7.30	23.8	13.7	6.99	2950	24.3	86.0	0.88	2.5	2.7	7.5	68	
Y2-160M1-2	11	15	37.0	21.4	10.9	35.4	20.3	10.5	33.9	19.6	10.0	2950	35.6	87.6	0.89	2.7	3.0	7.8	106	
Y2-160M2-2	15	20	49.8	28.8	14.7	47.7	27.4	14.1	45.7	26.4	13.5	2970	48.2	88.7	0.89	2.7	3.0	7.8	107	
Y2-160M3-2	18.5	25	60.4	34.9	18.1	57.7	33.2	17.3	55.3	32.0	16.6	2970	59.5	89.3	0.90	2.7	3.0	7.8	117	
Y2-160L-2	18.5	25	60.4	34.9	18.1	57.7	33.2	17.3	55.3	32.0	16.6	2970	59.5	89.3	0.90	2.7	3.0	7.8	130	
Y2-180M-2	22	30	71.3	41.3	21.4	68.2	39.2	20.4	65.4	37.8	19.6	2970	70.7	89.9	0.90	3.2	3.5	8.0	152	
Y2-180M2-2	30	40	96.4	55.8	28.9	92.2	53.0	27.6	88.4	51.1	26.5	2970	96.5	90.7	0.90	3.2	3.5	8.0	180	
Y2-180L2-2	30	40	96.4	55.8	28.9	92.2	53.0	27.6	88.4	51.1	26.5	2970	96.5	90.7	0.90	3.2	3.5	8.0	195	
Y2-200L1-2	30	40	96.4	55.8	28.9	92.2	53.0	27.6	88.4	51.1	26.5	2970	96.5	90.7	0.90	2.1	2.9	7.8	220	
Y2-200L2-2	37	50	118	68.4	35.4	113	65.0	33.9	108	62.7	32.5	2980	118.6	91.2	0.90	2.2	2.9	7.8	230	
Y2-200L3-2	45	60	143	82.8	42.9	136	78.7	41.0	131	75.8	39.3	2980	144.2	91.7	0.90	2.2	2.9	7.8	252	
Y2-225M-2	45	60	143	82.8	42.9	136	78.7	41.0	131	75.8	39.3	2980	144.2	91.7	0.90	2.3	2.8	7.0	280	
Y2-225M2-2	55	75	174	100	52.2	166	95.7	49.9	159	92.3	47.8	2980	176.3	92.1	0.90	2.3	2.8	7.0	310	
Y2-250M-2	55	75	174	100	52.2	166	95.7	49.9	159	92.3	47.8	2980	176.3	92.1	0.90	2.2	2.8	7.5	366	
Y2-250M2-2	75	100	235	136	70.7	225	129	67.7	216	125	64.8	2980	240.4	92.7	0.90	2.2	2.8	7.5	445	
Y2-280S-2	75	100	235	136	70.7	225	129	67.7	216	125	64.8	2980	240.4	92.7	0.90	2.0	2.3	7.0	475	
Y2-280M-2	90	125	279	161	84.6	266	153	80.9	255	147	77.6	2980	288.4	93.0	0.91	2.0	2.3	7.0	530	
Y2-280M2-2	110	150	340	196	103	325	187	98.6	311	180	94.5	2980	352.5	93.3	0.91	2.0	2.3	7.0	600	
Y2-315S-2	110	150	340	196	103	325	187	98.6	311	180	94.5	2980	352.5	93.3	0.91	2.0	2.3	6.8	850	
Y2-315M-2	132	180	407	235	123	389	223	118	373	215	113	2980	423.0	93.5	0.91	2.0	2.3	6.8	930	
Y2-315L1-2	160	220	486	281	149	465	267	142	446	257	136	2980	512.8	93.8	0.92	2.0	2.3	6.8	990	
Y2-315L2-2	200	270	606	351	186	580	333	178	556	321	170	2980	640.9	94.0	0.92	2.0	2.3	6.8	1030	
Y2-355M-2	250	340	758	439	232	725	417	222	695	402	213	2980	801.2	94.0	0.92	1.8	2.2	7.0	1660	
Y2-355L-2	315	430	941	545	288	900	518	276	863	499	264	2980	1009.5	95.4	0.92	1.8	2.2	7.0	1750	

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Rated Torque (Nm)	Eff. η	Power Factor $\cos\phi$	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V								
Y2-631-4	0.12	0.16	0.77	0.44	0.18	0.73	0.42	0.18	0.70	0.41	0.17	1350	0.85	57.0	0.72	2.2	2.2	4.5	7
Y2-632-4	0.18	0.25	1.08	0.62	0.26	1.03	0.59	0.25	0.99	0.57	0.24	1350	1.27	60.0	0.73	2.2	2.2	4.5	7.2
Y2-711-4	0.25	0.35	1.36	0.79	0.34	1.30	0.75	0.32	1.25	0.72	0.31	1370	1.74	65.0	0.74	2.4	2.8	4.5	8.4
Y2-712-4	0.37	0.5	1.93	1.12	0.48	1.85	1.06	0.46	1.77	1.02	0.44	1370	2.58	67.0	0.75	2.4	2.8	4.5	9.7
Y2-801-4	0.55	0.75	2.71	1.57	0.68	2.59	1.49	0.65	2.48	1.44	0.62	1400	3.75	71.0	0.75	2.4	2.6	5.0	16
Y2-802-4	0.75	1	3.59	2.08	0.91	3.44	1.98	0.87	3.29	1.90	0.83	1400	5.12	72.1	0.76	2.4	2.6	5.0	17
Y2-90S-4	1.1	1.5	5.00	2.89	1.28	4.78	2.75	1.23	4.58	2.65	1.18	1400	7.50	75.0	0.77	2.2	2.4	6.0	22
Y2-90L-4	1.5	2	6.45	3.74	1.70	6.17	3.55	1.63	5.92	3.42	1.56	1400	10.2	77.2	0.79	2.2	2.4	6.0	26
Y2-100L1-4	2.2	3	8.94	5.18	2.41	8.55	4.92	2.31	8.20	4.74	2.21	1420	14.8	79.7	0.81	2.2	2.3	7.0	33
Y2-100L2-4	3	4	11.7	6.82	3.22	11.2	6.48	3.08	10.8	6.25	2.95	1420	20.2	81.5	0.82	2.2	2.3	7.0	36
Y2-112M-4	4	5.5	15.4	8.92	4.21	14.7	8.47	4.03	14.1	8.17	3.86	1440	26.5	83.1	0.82	2.4	3.0	7.0	46
Y2-132S-4	5.5	7.5	20.5	11.8	5.68	19.6	11.2	5.43	18.8	10.8	5.21	1440	36.5	84.7	0.83	2.8	3.2	7.5	64
Y2-132M-4	7.5	10	27.2	15.7	7.63	26.0	14.9	7.30	24.9	14.4	6.99	1440	49.7	86.0	0.84	2.8	3.2	7.5	77
Y2-132M2-4	9.2	12.5	32.8	19.0	9.20	31.4	18.0	8.80	30.1	17.4	8.43	1460	60.2	87.5	0.84	2.8	3.2	7.5	76
Y2-160M-4	11	15	39.2	22.7	10.9	37.5	21.5	10.5	35.9	20.8	10.0	1460	72.0	87.6	0.84	2.4	3.5	7.5	106
Y2-160L-4	15	20	52.2	30.2	14.7	49.9	28.7	14.1	47.8	27.6	13.5	1460	98.1	88.7	0.85	2.4	3.5	7.5	126
Y2-180M-4	18.5	25	63.2	36.6	18.1	60.4	34.7	17.3	57.9	33.5	16.6	1470	120.2	89.3	0.86	2.3	2.8	7.5	154
Y2-180L-4	22	30	74.6	43.2	21.4	71.4	41.0	20.4	68.4	39.5	19.6	1470	142.9	89.9	0.86	2.3	3.0	8.0	175
Y2-180L2-4	30	40	100	58.4	28.9	96.5	55.5	27.6	92.5	53.5	26.5	1470	194.9	90.7	0.86	2.3	3.0	8.0	200
Y2-200L-4	30	40	100	58.4	28.9	96.5	55.5	27.6	92.5	53.5	26.5	1470	194.9	90.7	0.86	2.3	2.8	7.5	235
Y2-200L2-4	37	50	122	70.8	35.4	117	67.3	33.9	112	64.8	32.5	1480	238.8	91.2	0.87	2.3	2.8	7.5	250
Y2-225S-4	37	50	122	70.8	35.4	117	67.3	33.9	112	64.8	32.5	1480	238.8	91.2	0.87	2.3	2.6	7.5	295
Y2-225M-4	45	60	148	85.7	42.9	141	81.4	41.0	135	78.4	39.3	1480	290.4	91.7	0.87	2.3	2.6	7.5	306
Y2-225M2-4	55	75	180	104	52.2	172	99.0	49.9	165	95.4	47.8	1480	354.9	92.1	0.87	2.3	2.6	8.0	340
Y2-250M-4	55	75	180	104	52.2	172	99.0	49.9	165	95.4	47.8	1480	354.9	92.1	0.87	2.2	2.5	7.0	375
Y2-250M2-4	75	100	244	141	70.7	233	134	67.7	223	129	64.8	1480	484.0	92.7	0.87	2.2	2.5	7.0	490
Y2-280S-4	75	100	244	141	70.7	233	134	67.7	223	129	64.8	1480	484.0	92.7	0.87	2.3	2.8	7.0	533
Y2-280M-4	90	125	291	169	84.6	279	160	80.9	267	154	77.6	1480	580.7	93.0	0.87	2.3	2.8	7.0	575
Y2-280M2-4	110	150	351	203	103	336	193	98.6	322	186	94.5	1490	705.0	93.3	0.88	2.3	2.8	7.0	685
Y2-315S-4	110	150	351	203	103	336	193	98	322	186	94.5	1490	705.0	93.3	0.88	2.3	2.5	7.0	820
Y2-315M-4	132	180	421	243	123	402	231	118	385	223	113	1490	846.0	93.5	0.88	2.3	2.5	7.0	960
Y2-315L1-4	160	220	502	291	149	481	276	142	461	266	136	1490	1025.5	93.8	0.89	2.3	2.5	7.0	1000
Y2-315L2-4	200	270	627	363	186	600	345	178	575	332	170	1490	1281.9	94.0	0.89	2.3	2.5	7.0	1080
Y2-355M-4	250	340	775	448	232	741	426	222	710	411	213	1485	1607.7	94.0	0.90	2.3	2.5	6.8	1580
Y2-355L-4	315	430	964	558	289	922	530	276	884	511	265	1485	2025.8	95.2	0.90	2.2	2.5	6.9	1730

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Rated Torque (Nm)	Eff. η	Power Factor $\cos\phi$	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V								
Y2-711-6	0.18	0.25	1.28	0.74	0.28	1.22	0.70	0.27	1.17	0.68	0.26	880	1.95	56.0	0.66	2.3	2.5	3.5	8
Y2-712-6	0.25	0.35	1.64	0.95	0.37	1.56	0.90	0.35	1.50	0.87	0.34	880	2.71	59.0	0.68	2.3	2.5	3.5	8.4
Y2-801-6	0.37	0.5	2.24	1.30	0.52	2.14	1.23	0.50	2.05	1.19	0.48	900	3.93	62.0	0.70	2.2	2.4	4.0	17
Y2-802-6	0.55	0.75	3.08	1.79	0.74	2.95	1.70	0.71	2.83	1.63	0.68	900	5.84	65.0	0.72	2.2	2.4	4.0	19
Y2-90S-6	0.75	1	3.91	2.26	0.94	3.74	2.15	0.90	3.58	2.07	0.86	910	7.87	70.0	0.72	2.2	2.5	4.5	22
Y2-90L-6	1.1	1.5	5.42	3.14	1.32	5.19	2.98	1.26	4.97	2.88	1.21	910	11.5	72.9	0.73	2.2	2.5	4.5	24
Y2-100L-6	1.5	2	6.98	4.04	1.74	6.68	3.84	1.67	6.40	3.70	1.60	940	15.2	75.2	0.75	2.2	2.8	6.0	31
Y2-112M-6	2.2	3	9.78	5.66	2.48	9.35	5.38	2.37	8.96	5.18	2.27	940	22.4	77.7	0.76	2.2	2.5	6.0	42
Y2-132S-6	3	4	13.0	7.52	3.29	12.4	7.15	3.15	11.9	6.89	3.02	960	29.8	79.7	0.76	2.0	2.3	6.5	60
Y2-132M1-6	4	5.5	16.9	9.82	4.30	16.2	9.33	4.11	15.5	9.00	3.94	960	39.8	81.4	0.76	2.0	2.3	6.5	70
Y2-132M2-6	5.5	7.5	22.5	13.0	5.79	21.5	12.4	5.54	20.6	11.9	5.31	960	54.7	83.1	0.77	2.0	2.3	6.5	80
Y2-160M-6	7.5	10	30.1	17.4	7.75	28.8	16.6	7.41	27.6	16.0	7.10	970	73.8	84.7	0.77	2.3	2.6	6.5	114
Y2-160L-6	11	15	42.8	24.8	11.1	40.9	23.5	10.6	39.2	22.7	10.2	970	108.3	86.4	0.78	2.3	2.6	6.5	121
Y2-180L-6	15	20	55.4	32.0	14.9	53.0	30.4	14.3	50.8	29.3	13.7	970	147.7	87.7	0.81	2.0	2.5	7.0	162
Y2-200L1-6	18.5	25	67.6	39.1	18.2	64.7	37.2	17.4	62.0	35.8	16.7	970	182.1	88.6	0.81	2.1	2.8	6.5	209
Y2-200L2-6	22	30	77.9	45.1	21.5	74.5	42.8	20.6	71.4	41.3	19.7	970	216.6	89.2	0.83	2.1	2.8	6.5	226
Y2-225M-6	30	40	103	60.1	29.0	99.3	57.1	27.8	95.2	55.0	26.6	980	292.3	90.2	0.84	2.0	2.1	7.0	273
Y2-250M-6	37	50	124	71.9	35.6	118	68.3	34.1	113	65.9	32.6	980	360.6	90.8	0.86	2.0	2.1	7.0	360
Y2-280S-6	45	60	150	86.9	43.0	143	82.6	41.2	137	79.6	39.4	980	438.5	91.4	0.86	2.0	2.2	7.0	494
Y2-280M-6	55	75	182	105	52.3	174	100	50.0	167	96.8	47.9	980	536.0	91.9	0.86	2.0	2.2	7.0	517
Y2-315S-6	75	100	247	143	70.8	236	135	67.7	226	131	64.9	990	723.5	92.6	0.86	2.0	2.0	7.0	770
Y2-315M-6	90	125	295	171	84.7	282	162	81.0	270	156	77.6	990	868.2	92.9	0.86	2.0	2.0	7.0	840
Y2-315L1-6	110	150	359	208	103	344	197	98.6	329	190	94.5	990	1061.1	93.3	0.86	2.0	2.0	6.7	990
Y2-315L2-6	132	180	425	246	123	407	234	118	390	225	113	990	1273.3	93.5	0.87	2.0	2.0	6.7	1040
Y2-355M1-6	160	220	508	294	149	486	279	142	466	269	136	990	1543.4	93.8	0.88	1.9	2.0	6.7	1470
Y2-355M2-6	200	270	634	367	186	606	348	178	581	336	170	990	1929.3	94.0	0.88	1.9	2.0	6.7	1640
Y2-355L-6	250	340	793	459	232	758	436	222	727	420	213	990	2411.6	94.0	0.88	1.9	2.0	6.7	1740

TECHNICAL DATA

IE1

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Rated Torque (Nm)	Eff. η	Power Factor $\cos\phi$	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V								
Y2-801-8	0.18	0.25	1.52	0.88	0.31	1.45	0.84	0.30	1.39	0.80	0.28	680	2.53	51.0	0.61	1.8	2.0	3.3	17
Y2-802-8	0.25	0.3	1.99	1.15	0.40	1.91	1.10	0.39	1.83	1.06	0.37	680	3.51	54.0	0.61	1.8	2.0	3.3	19
Y2-90S-8	0.37	0.5	2.57	1.49	0.52	2.46	1.41	0.50	2.35	1.36	0.48	680	5.20	62.0	0.61	1.9	2.0	4.0	23
Y2-90L-8	0.55	0.75	3.76	2.17	0.76	3.59	2.07	0.73	3.44	1.99	0.70	700	7.50	63.0	0.61	1.9	2.1	4.0	25
Y2-100L1-8	0.75	1	4.14	2.40	0.92	3.96	2.28	0.88	3.79	2.19	0.85	700	10.2	71.0	0.67	1.9	2.1	4.0	33
Y2-100L2-8	1.1	1.5	5.73	3.32	1.32	5.48	3.15	1.26	5.25	3.04	1.21	700	15.0	73.0	0.69	1.9	2.1	5.0	38
Y2-112M-8	1.5	2	7.61	4.40	1.75	7.28	4.18	1.67	6.97	4.03	1.60	700	20.5	75.0	0.69	1.9	2.1	5.0	50
Y2-132S-8	2.2	3	10.4	6.04	2.47	9.97	5.73	2.36	9.56	5.53	2.26	710	29.6	78.0	0.71	2.0	2.1	6.0	60
Y2-132M-8	3	4	13.6	7.90	3.32	13.0	7.51	3.18	12.5	7.24	3.05	710	40.4	79.0	0.73	2.0	2.1	6.0	76
Y2-160M1-8	4	5.5	17.7	10.2	4.32	16.9	9.76	4.13	16.2	9.41	3.96	720	53.1	81.0	0.73	2.0	2.1	6.0	112
Y2-160M2-8	5.5	7.5	23.5	13.6	5.80	22.4	12.9	5.54	21.5	12.4	5.31	720	73.0	83.0	0.74	2.0	2.1	6.0	113
Y2-160L-8	7.5	10	30.6	17.7	7.67	29.3	16.8	7.34	28.1	16.2	7.03	720	99.5	85.5	0.75	2.0	2.1	6.0	140
Y2-180L-8	11	15	43.4	25.1	11.0	41.5	23.8	10.5	39.7	23.0	10.0	730	143.9	87.5	0.76	2.1	2.1	6.5	166
Y2-200L-8	15	20	58.8	34.0	14.9	56.3	32.3	14.2	53.9	31.2	13.6	730	196.2	88.0	0.76	2.0	2.1	6.5	214
Y2-225S-8	18.5	25	70.9	41.0	17.9	67.8	39.0	17.2	65.0	37.6	16.4	740	238.8	90.0	0.76	2.0	2.1	6.6	255
Y2-225M-8	22	30	81.7	47.3	21.2	78.2	44.9	20.3	74.9	43.3	19.4	740	283.9	90.5	0.78	2.0	2.1	6.6	284
Y2-250M-8	30	40	109	63.4	28.8	104	60.2	27.5	100	58.0	26.4	740	387.2	91.0	0.79	2.0	2.1	6.6	380
Y2-280S-8	37	50	134	77.7	35.3	128	73.8	33.8	123	71.2	32.4	740	477.5	91.5	0.79	1.9	2.1	6.6	496
Y2-280M-8	45	60	162	94.0	42.7	155	89.3	40.9	148	86.1	39.2	740	580.7	92.0	0.79	1.9	2.0	6.6	520
Y2-315S-8	55	75	192	111	51.8	183	105	49.5	176	101	47.5	740	709.8	92.8	0.81	1.9	2.0	6.6	900
Y2-315M-8	75	100	261	151	70.5	249	143	67.4	239	138	64.6	740	967.9	93.0	0.81	1.9	2.0	6.6	1000
Y2-315L1-8	90	125	307	177	83.9	293	168	80.2	281	162	76.9	740	1161.5	93.8	0.82	1.8	2.0	6.6	1060
Y2-315L2-8	110	150	374	216	102	358	205	97.9	343	198	93.8	740	1419.6	94.0	0.82	1.8	2.0	6.4	1130
Y2-355M1-8	132	180	450	261	123	431	247	117	413	239	112	740	1703.5	93.7	0.82	1.8	2.0	6.4	1500
Y2-355M2-8	160	220	543	314	148	519	298	142	498	288	136	740	2064.9	94.2	0.82	1.8	2.0	6.4	1600
Y2-355L-8	200	270	669	387	185	640	368	177	613	354	169	740	2581.1	94.5	0.83	1.8	2.0	6.4	1700
Y2-315S-10	45	60	172	99.6	43.0	164	94.6	41.1	157	91.2	39.4	590	728.4	91.5	0.75	1.5	2.0	6.2	
Y2-315M-10	55	75	209	121	52.3	200	115	50.0	191	110	47.9	590	890.3	92.0	0.75	1.5	2.0	6.2	
Y2-315L1-10	75	100	279	162	70.9	267	153	67.8	256	148	65.0	590	1214.0	92.5	0.76	1.5	2.0	6.2	
Y2-315L2-10	90	125	329	190	84.6	315	181	80.9	302	174	77.6	590	1456.8	93.0	0.77	1.5	2.0	6.2	
Y2-355M1-10	110	150	397	229	103	379	218	98.7	364	210	94.6	590	1780.5	93.2	0.78	1.3	2.0	6.0	
Y2-355M2-10	132	180	474	274	123	454	261	118	435	251	113	590	2136.6	93.5	0.78	1.3	2.0	6.0	
Y2-355L-10	160	220	575	333	149	550	316	143	527	305	137	590	2589.8	93.5	0.78	1.3	2.0	6.0	

TECHNICAL DATA

IE2

Model	Rated Power		Rated Current (A)										Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V	100%		75%	50%							
Y2HE801-2	0.75	1	3.06	1.77	1.02	2.93	1.69	0.98	2.81	1.62	0.94	2875	77.4	77.2	74.7	0.83	2.49	2.5	3	5.3	14.8	
Y2HE802-2	1.1	1.5	4.37	2.53	1.46	4.18	2.40	1.39	4.01	2.32	1.34	2875	79.6	79.7	78.9	0.83	3.66	3.2	3.8	7.0	17	
Y2HE90S-2	1.5	2	5.76	3.34	1.92	5.51	3.17	1.84	5.28	3.06	1.76	2890	81.3	81.4	80.7	0.84	4.96	2.7	3.5	7.1	22.5	
Y2HE90L-2	2.2	3	8.16	4.73	2.72	7.81	4.49	2.60	7.48	4.33	2.49	2890	83.2	82.9	82.2	0.85	7.27	2.4	3	6.9	25	
Y2HE100L-2	3	4	10.7	6.19	3.57	10.2	5.88	3.41	9.81	5.67	3.27	2891	84.6	84.5	82.8	0.87	9.91	3.2	4	8.0	34.5	
Y2HE112M-2	4	5.5	13.9	8.06	4.63	13.3	7.65	4.43	12.7	7.37	4.25	2914	85.8	86.1	85.4	0.88	13.1	2.6	3	7.5	45	
Y2HE132S1-2	5.5	7.5	18.9	10.9	6.28	18.0	10.4	6.01	17.3	10.0	5.76	2937	87.0	86.7	84.8	0.88	17.9	2.7	3.5	7.5	72	
Y2HE132S2-2	7.5	10	25.1	14.5	8.37	24.0	13.8	8.00	23.0	13.3	7.67	2940	88.1	88.4	87.8	0.89	24.4	2.4	3.3	7.5	80	
Y2HE-160M1-2	11	15	36.3	21.0	12.1	34.7	20.0	11.6	33.3	19.2	11.1	2930	89.4	88.9	87.4	0.89	35.9	2.2	2.9	7.6	108	
Y2HE-160M2-2	15	20	49.0	28.4	16.3	46.9	26.9	15.6	44.9	26.0	15.0	2930	90.3	89.9	88.1	0.89	48.9	2.3	3	7.6	117	
Y2HE-160L-2	18.5	25	60.0	34.7	20.0	57.4	33.0	19.1	55.0	31.8	18.3	2937	90.9	90.6	89.1	0.89	60.2	2.3	3.1	7.4	135	
Y2HE-180M-2	22	30	71.1	41.1	23.7	68.0	39.1	22.7	65.1	37.7	21.7	2940	91.3	91.0	89.4	0.89	71.5	2.8	3.2	7.8	183	
Y2HE-200L1-2	30	40	96.2	55.7	32.1	92.0	52.9	30.7	88.1	51.0	29.4	2950	92.0	91.8	90.2	0.89	97.1	2.6	3	7.8	227	
Y2HE-200L2-2	37	50	117	68.3	39.3	112	64.9	37.6	108	62.5	36.0	2950	92.5	92.4	90.7	0.89	119.8	2.6	3	7.7	246	
Y2HE-225M-2	45	60	142	82.7	47.6	136	78.6	45.5	130	75.7	43.6	2960	92.9	92.8	91.3	0.89	145.2	2.4	2.6	7.5	297	
Y2HE-250M-2	55	75	174	100	58.0	166	95.7	55.5	159	92.2	53.2	2965	93.2	93.3	91.5	0.89	177.2	2.3	2.8	7.1	379	
Y2HE-280S-2	75	100	235	136	78.6	225	129	75.2	216	125	72.0	2970	93.8	93.8	91.9	0.89	241.2	2.5	2.8	7.4	519	
Y2HE-280M-2	90	125	282	163	94.0	269	155	89.9	258	149	86.2	2970	94.1	94.0	92.2	0.89	289.4	2.8	2.8	7.6	580	
Y2HE-315S-2	110	150	340	196	113	325	187	108	311	180	103	2975	94.3	94.2	92.4	0.9	353.1	2.4	2.8	6.9	948	
Y2HE-315M-2	132	180	406	235	135	389	223	129	373	215	124	2975	94.6	94.6	92.7	0.9	423.7	2.6	2.9	7.1	1009	
Y2HE-315L1-2	160	220	486	281	162	465	267	155	446	258	148	2975	94.8	94.9	93.1	0.91	513.6	2.5	2.9	7.1	1111	
Y2HE-315L2-2	200	250	607	351	202	580	333	193	556	321	185	2975	95.0	95.1	93.3	0.91	642.0	2.5	2.8	6.9	1142	
Y2HE-355M-2	250	340	758	439	253	725	417	242	695	402	231	2980	95.0	95.0	93.4	0.91	801.2	2.5	2.8	7.0	1908	
Y2HE-355L-2	315	430	956	553	318	914	525	304	876	506	292	2980	95.0	95.1	93.4	0.91	1009.5	2.5	2.9	7.0	2346	

TECHNICAL DATA

IE2

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	T_s/T_n	T_{max}/T_n	I_s/I_n	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
Y2HE802-4	0.75	1	3.30	1.91	1.10	3.15	1.81	1.05	3.02	1.75	1.01	1400	79.6	79.3	78.4	0.75	5.12	2.4	2.9	5	18
Y2HE90S-4	1.1	1.5	4.73	2.74	1.58	4.52	2.60	1.51	4.33	2.51	1.44	1400	81.4	81.1	77.6	0.75	7.30	3	3.5	6	22
Y2HE90L-4	1.5	2	6.34	3.67	2.11	6.06	3.49	2.02	5.81	3.36	1.94	1445	82.8	82.5	77.5	0.75	9.91	3.2	3.8	6.8	26.5
Y2HE100L1-4	2.2	3	8.46	4.90	2.82	8.09	4.65	2.70	7.75	4.48	2.58	1440	84.3	84.4	83.7	0.81	14.6	3	3.5	7	35
Y2HE100L2-4	3	4	11.2	6.50	3.74	10.7	6.18	3.58	10.3	5.95	3.43	1440	85.5	85.3	83.9	0.82	19.9	2.6	3.3	7	41.5
Y2HE112M-4	4	5.5	14.8	8.56	4.93	14.1	8.13	4.71	13.6	7.84	4.52	1445	86.6	86.9	86.9	0.82	26.4	3.5	4	7.5	49
Y2HE132S-4	5.5	7.5	20.1	11.6	6.69	19.2	11.0	6.40	18.4	10.6	6.13	1455	87.7	87.4	86.9	0.82	36.1	2.2	2.8	6.4	77
Y2HE132M-4	7.5	10	26.7	15.5	8.91	25.6	14.7	8.52	24.5	14.2	8.17	1455	88.7	88.5	88.3	0.83	49.2	2.4	3	7	87
Y2HE-160M-4	11	15	37.8	21.9	12.6	36.2	20.8	12.1	34.7	20.0	11.6	1460	89.8	89.7	88.6	0.85	71.9	2.5	2.9	6.9	110
Y2HE-160L-4	15	20	50.5	29.2	16.8	48.3	27.8	16.1	46.3	26.8	15.4	1460	90.6	90.7	89.7	0.86	98.1	2.5	3	7.5	132
Y2HE-180M-4	18.5	25	61.9	35.8	20.6	59.2	34.0	19.7	56.7	32.8	18.9	1465	91.2	91.1	90.5	0.86	120.2	2.6	3.1	7.8	172
Y2HE-180L-4	22	30	73.3	42.4	24.4	70.1	40.3	23.4	67.2	38.9	22.4	1465	91.6	91.7	90.9	0.86	142.9	2.6	3.1	7.5	180
Y2HE-200L-4	30	40	99.2	57.4	33.1	94.9	54.6	31.6	90.9	52.6	30.3	1475	92.3	92.2	91.3	0.86	194.9	2.4	2.9	7.1	247
Y2HE-225S-4	37	50	121	70.5	40.6	116	67.0	38.8	111	64.6	37.2	1480	92.7	92.8	91.7	0.86	238.8	2.5	2.7	7.5	297
Y2HE-225M-4	45	60	147	85.4	49.2	141	81.1	47.0	135	78.2	45.1	1480	93.1	93.2	92.1	0.86	290.4	2.5	2.8	7.6	322
Y2HE-250M-4	55	75	179	103	59.8	171	98.7	57.2	164	95.2	54.8	1485	93.5	93.4	92.4	0.86	354.9	2.6	2.7	7.3	413
Y2HE-280S-4	75	100	237	137	79.3	227	130	75.9	218	126	72.7	1480	94.0	94.1	92.8	0.88	484.0	2.7	2.7	7.6	558
Y2HE-280M-4	90	125	284	165	95.0	272	156	90.8	261	151	87.1	1485	94.2	94.2	93.1	0.88	580.7	2.7	2.7	7.5	632
Y2HE-315S-4	110	150	347	201	115	332	190	110	318	184	106	1480	94.5	94.4	93.3	0.88	707.4	2.7	2.9	7.1	826
Y2HE-315M-4	132	180	415	240	138	397	228	132	381	220	127	1480	94.7	94.8	93.7	0.88	88.9	2.7	2.9	7.3	1037
Y2HE-315L1-4	160	220	497	287	165	475	273	158	455	263	151	1480	94.9	94.8	93.8	0.89	1029.0	3	3	7.4	1107
Y2HE-315L2-4	200	250	620	359	206	593	341	197	568	328	189	1480	95.1	95.1	94.0	0.89	1286.0	3	3	7.6	1156
Y2HE-355M-4	250	340	766	443	255	733	421	244	702	406	234	1490	95.1	95.1	94.0	0.90	1602.0	2.8	2.9	7.5	1734
Y2HE-355L-4	315	430	965	559	321	923	531	307	885	512	295	1490	95.1	95.1	94.0	0.90	2019.0	2.6	2.8	7.4	1940

TECHNICAL DATA

IE2

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
Y2HE90S-6	0.75	1	3.60	2.09	1.20	3.45	1.98	1.15	3.30	1.91	1.10	934	75.9	76.1	75.1	0.72	7.67	2.2	2.4	4.5	23
Y2HE90L-6	1.1	1.5	5.06	2.93	1.69	4.84	2.78	1.61	4.64	2.68	1.55	945	78.1	77.9	77.8	0.73	11.1	2.4	2.6	4.5	25
Y2HE100L-6	1.5	2	6.67	3.86	2.22	6.38	3.67	2.13	6.11	3.53	2.04	945	79.8	80.1	78.5	0.74	15.2	1.8	2.2	4.2	33
Y2HE112M-6	2.2	3	9.54	5.52	3.18	9.12	5.25	3.04	8.74	5.06	2.91	960	81.8	81.9	81.5	0.74	21.9	2.3	2.8	4.5	51
Y2HE132S-6	3	4	12.8	7.39	4.26	12.2	7.02	4.07	11.7	6.77	3.90	964	83.3	83.6	82.3	0.74	29.7	1.8	2.4	4.5	75
Y2HE132M1-6	4	5.5	16.8	9.71	5.59	16.0	9.22	5.35	15.4	8.89	5.12	965	84.6	84.5	82.4	0.74	39.6	2.3	2.7	5	82
Y2HE132M2-6	5.5	7.5	22.4	13.0	7.46	21.4	12.3	7.13	20.5	11.9	6.84	965	86.0	85.9	84.7	0.75	54.4	1.9	2.8	5.5	94
Y2HE-160M-6	7.5	10.0	28.9	16.8	9.65	27.7	15.9	9.23	26.5	15.3	8.84	975	87.2	87	84.9	0.78	73.8	2	3	6.5	130
Y2HE-160L-6	11	15.0	41.2	23.9	13.7	39.4	22.7	13.1	37.8	21.8	12.6	970	88.7	88.4	86.1	0.79	108.3	2.4	3.3	7.5	156
Y2HE-180L-6	15	20.0	54.2	31.4	18.1	51.8	29.8	17.3	49.7	28.7	16.6	980	89.7	89.8	88.7	0.81	146.9	2	2.7	6.4	183
Y2HE-200L1-6	18.5	25.0	66.3	38.4	22.1	63.4	36.5	21.1	60.8	35.1	20.3	980	90.4	90.4	89.5	0.81	180.3	2.3	3	7	220
Y2HE-200L2-6	22	30.0	77.5	44.8	25.8	74.1	42.6	24.7	71.0	41.1	23.7	980	90.9	90.9	89.9	0.82	214.4	2.3	2.8	7	240
Y2HE-225M-6	30	40.0	106	61.4	35.3	101	58.3	33.8	97.2	56.2	32.4	985	91.7	91.8	90.6	0.81	292.3	2.2	2.7	6.5	275
Y2HE-250M-6	37	50.0	125	72.6	41.8	119	69.0	40.0	114	66.5	38.3	985	92.2	92.3	91.1	0.84	360.6	2.5	2.7	6.9	385
Y2HE-280S-6	45	60.0	148	85.8	49.4	141	81.5	47.2	135	78.5	45.3	985	92.7	92.7	91.5	0.86	438.5	2.2	2.4	7	482
Y2HE-280M-6	55	75.0	180	104	60.1	172	99.2	57.5	165	95.6	55.1	985	93.1	93.2	92.0	0.86	536.0	2.4	2.5	7.1	559
Y2HE-315S-6	75	100	244	141	81.4	233	134	77.9	223	129	74.6	985	93.7	93.7	92.5	0.86	727.2	2.8	3	7.3	933
Y2HE-315M-6	90	125	292	169	97.4	279	160	93.2	267	154	89.3	985	94.0	93.9	92.6	0.86	872.6	2.7	2.9	7.1	1013
Y2HE-315L1-6	110	150	356	206	118	340	195	113	326	188	108	985	94.3	94.3	92.9	0.86	1066.0	2.9	2.9	7.4	1086
Y2HE-315L2-6	132	180	425	246	141	407	234	135	390	225	130	985	94.6	94.7	93.1	0.86	1280.0	3	3.1	7.6	1208
Y2HE-355M1-6	160	220	509	294	169	487	280	162	466	269	155	990	94.8	94.9	93.4	0.87	1543.0	3.1	3.1	7.6	1581
Y2HE-355M2-6	200	250	635	367	211	607	349	202	582	336	194	990	95.0	95.1	93.8	0.87	1929.0	3	3	7.8	1632
Y2HE-355L-6	250	340	793	459	264	759	436	253	727	420	242	990	95.0	95.0	93.9	0.87	2412.0	3.1	3	7.7	1734

CAST IRON MOTOR

IE3 IE4



INTRODUCTION

- Three-phase asynchronous motors
- Designed specifically for European market
- Terminal box is at the top of motor housing
- Compact structure and beautiful appearance
- Installation dimensions meet IEC standard
- Grade F insulation
- Grade B temperature rise test
- High efficiency, energy saving, and large starting torque
- Easy to use and maintain

APPLICATION CONDITIONS

- Insulation grade: F
- Protection grade: IP54/IP55
- Rated voltage: according to customer's request
- Rated frequency: 50Hz/60Hz
- Cooling way: IC411
- Working way: S1

INSTALLATION STRUCTURE

- B3 base with feet; end shields without flange
- B35 base with feet; end shields with flange
- B5 base without feet; end shields with flange

SGP

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
YE3-801-2	0.75	1	2.97	1.72	0.99	2.85	1.64	0.95	2.73	1.58	0.91	2900	80.7	80.6	78.7	0.82	2.49	2.5	3.0	7.3	20
YE3-802-2	1.1	1.5	4.21	2.43	1.40	4.02	2.31	1.34	3.86	2.23	1.29	2910	82.7	83.0	82.5	0.83	3.65	2.8	3.5	8.7	21
YE3-90S-2	1.5	2	5.57	3.22	1.86	5.32	3.06	1.77	5.10	2.95	1.70	2920	84.2	84.8	84.0	0.84	4.95	2.4	3.2	8.5	26
YE3-90L-2	2.2	3	7.91	4.58	2.64	7.56	4.35	2.52	7.25	4.19	2.42	2915	85.9	86.2	85.5	0.85	7.26	2.6	3.5	8.5	29
YE3-100L-2	3	4	10.4	6.02	3.46	9.9	5.71	3.31	9.52	5.51	3.17	2910	87.1	87.9	86.2	0.87	9.90	3.2	3.5	8.5	43
YE3-112M-2	4	5.5	13.5	7.84	4.51	13.0	7.45	4.32	12.4	7.18	4.14	2920	88.1	88.5	87.8	0.88	13.1	2.6	3.0	8.6	51
YE3-132S1-2	5.5	7.5	18.4	10.6	6.13	17.6	10.1	5.86	16.9	9.70	5.62	2920	89.2	89.5	88.8	0.88	17.9	2.5	2.8	8.6	76
YE3-132S2-2	7.5	10	24.8	14.4	8.27	23.7	13.7	7.91	22.8	13.2	7.59	2925	90.1	90.7	89.6	0.88	24.4	2.5	3.0	8.5	84
YE3-132M1-2	9.2	12.5	30.3	17.5	10.0	29.0	16.7	9.66	27.8	16.1	9.25	2930	90.6	90.9	90.2	0.88	30.0	2.6	3.2	8.8	95
YE3-132M2-2	11	15	35.6	20.6	11.9	34.0	19.6	11.3	32.6	18.9	10.9	2945	91.2	91.6	90.6	0.89	35.7	2.7	3.6	8.8	110
YE3-802-4	0.75	1	3.18	1.84	1.06	3.04	1.75	1.01	2.92	1.69	0.97	1445	82.5	82.6	81.1	0.75	5.04	3.0	3.6	7.2	22
YE3-90S-4	1.1	1.5	4.52	2.61	1.51	4.32	2.48	1.44	4.14	2.39	1.38	1445	84.1	84.0	83.2	0.76	7.27	2.5	3.0	8.0	27
YE3-90L-4	1.5	2	5.99	3.47	2.00	5.73	3.30	1.91	5.49	3.18	1.83	1440	85.3	84.8	83.8	0.77	9.91	2.9	3.2	8.1	32
YE3-100L1-4	2.2	3	8.22	4.76	2.74	7.86	4.52	2.62	7.54	4.36	2.51	1455	86.7	86.6	84.8	0.81	14.6	3.1	3.7	8.1	44
YE3-100L2-4	3	4	10.9	6.34	3.66	10.5	6.02	3.49	10.0	5.80	3.35	1450	87.7	87.7	86.2	0.82	20.0	3.2	3.7	8.6	49
YE3-112M-4	4	5.5	14.4	8.37	4.82	13.8	7.95	4.61	13.2	7.66	4.41	1455	88.6	88.5	87.4	0.82	26.5	3.0	3.7	8.8	56
YE3-132S-4	5.5	7.5	19.4	11.2	6.47	18.6	10.7	6.19	17.8	10.3	5.93	1460	89.6	89.5	88.5	0.83	36.0	2.8	3.6	8.6	81
YE3-132M-4	7.5	10	25.9	15.0	8.64	24.8	14.3	8.26	23.8	13.7	7.92	1460	90.4	90.2	89.3	0.84	49.1	3.2	3.6	8.6	91
YE3-132M2-4	9.2	12.5	31.6	18.3	10.5	30.2	17.4	10.0	29.0	16.8	9.66	1460	90.9	90.7	90.2	0.84	60.2	3.2	3.6	8.6	101
YE3-90S-6	0.75	1	3.51	2.03	1.17	3.36	1.93	1.12	3.22	1.86	1.07	955	78.9	78	74.5	0.71	7.66	1.9	2.3	6.0	27
YE3-90L-6	1.1	1.5	4.88	2.83	1.63	4.67	2.69	1.56	4.48	2.59	1.49	955	81.0	81.2	78.8	0.73	11.1	2.6	3.0	6.0	29
YE3-100L-6	1.5	2	6.54	3.78	2.18	6.25	3.59	2.08	5.99	3.47	2.00	960	82.5	82.7	81.5	0.73	15.1	2.6	3.1	6.5	42
YE3-112M-6	2.2	3	9.26	5.36	3.09	8.85	5.09	2.95	8.48	4.91	2.83	965	84.3	84.5	82.4	0.74	22.0	2.2	3.0	6.6	53
YE3-132S-6	3	4	12.4	7.20	4.14	11.9	6.84	3.96	11.4	6.59	3.80	968	85.6	85.7	83.3	0.74	29.6	2.7	3.8	7.8	79
YE3-132M1-6	4	5.5	16.3	9.46	5.45	15.6	8.99	5.21	15.0	8.66	4.99	968	86.8	86.9	84.8	0.74	39.5	2.3	2.7	7.8	86
YE3-132M2-6	5.5	7.5	21.9	12.7	7.29	20.9	12.0	6.97	20.0	11.6	6.68	968	88.0	88.5	87.5	0.75	54.3	2.3	2.7	8.1	98

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
YE3-160M1-2	11	15	35.6	20.6	11.9	34.0	19.6	11.3	32.6	18.9	10.9	2940	91.2	91.3	90.5	0.89	35.7	2.7	3.6	8.8	122
YE3-160M2-2	15	20	48.1	27.9	16.0	46.0	26.5	15.3	44.1	25.5	14.7	2935	91.9	92.0	90.8	0.89	48.8	2.6	3.6	9.0	137
YE3-160L-2	18.5	25	59.0	34.2	19.7	56.5	32.5	18.8	54.1	31.3	18.0	2930	92.4	92.8	92.2	0.89	60.3	2.7	3.6	9.0	150
YE3-180M-2	22	30	70.0	40.5	23.3	66.9	38.5	22.3	64.1	37.1	21.4	2945	92.7	92.5	90.3	0.89	71.3	2.7	3.2	8.8	198
YE3-200L1-2	30	40	94.8	54.9	31.6	90.7	52.1	30.2	86.9	50.3	29.0	2950	93.3	92.8	90.3	0.89	97.1	2.0	2.7	8.2	244
YE3-200L2-2	37	50	116	67.4	38.8	111	64.0	37.1	107	61.7	35.6	2950	93.7	93.6	91.4	0.89	120	2.7	3.0	8.4	261
YE3-225M-2	45	60	141	81.7	47.1	135	77.6	45.0	129	74.8	43.1	2970	94.0	93.7	91.4	0.89	145	3.2	2.6	9.4	324
YE3-250M-2	55	75	172	99.6	57.3	165	94.6	54.8	158	91.2	52.5	2965	94.3	94.1	91.7	0.89	177	2.5	3.2	7.8	407
YE3-280S-2	75	100	234	135	77.8	223	128	74.5	214	124	71.4	2970	94.7	94.3	91.8	0.89	241	2.5	3.1	7.8	575
YE3-280M-2	90	125	279	162	93.1	267	154	89.1	256	148	85.4	2970	95.0	94.8	92.2	0.89	289	2.6	3.0	7.5	600
YE3-315S-2	110	150	337	195	112	322	185	107	309	179	103	2975	95.2	94.7	92.9	0.90	353	2.1	2.8	7.4	876
YE3-315M-2	132	180	403	234	134	386	222	129	370	214	123	2975	95.4	94.9	93.1	0.90	424	2.0	2.7	7.0	974
YE3-315L1-2	160	220	483	279	161	462	265	154	442	256	147	2975	95.6	95.1	93.3	0.91	514	1.9	2.7	6.4	1009
YE3-315L2-2	200	250	602	349	201	576	331	192	552	319	184	2975	95.8	95.3	93.5	0.91	642	2.1	2.8	8.6	1132
YE3-355M-2	250	340	753	436	251	720	414	240	690	399	230	2980	95.8	95.3	93.5	0.91	801	1.7	2.3	6.7	1643
YE3-355L-2	315	430	948	549	316	907	522	302	869	503	290	2980	95.8	95.3	93.5	0.91	1009	1.7	2.3	6.6	1800

YE3-160M-4	11	15	37.2	21.5	12.4	35.5	20.4	11.8	34.1	19.7	11.4	1460	91.4	91.5	89.0	0.85	72.0	3.5	3.8	8.8	122
YE3-160L-4	15	20	49.7	28.8	16.6	47.5	27.3	15.8	45.6	26.3	15.2	1460	92.1	92.0	89.5	0.86	98.1	3.5	3.8	8.8	144
YE3-180M-4	18.5	25	61.0	35.3	20.3	58.3	33.5	19.4	55.9	32.3	18.6	1465	92.6	92.8	91.0	0.86	121	2.5	3.4	7.8	182
YE3-180L-4	22	30	72.2	41.8	24.1	69.0	39.7	23.0	66.2	38.3	22.1	1465	93.0	93.1	91.3	0.86	143	2.6	2.7	8.0	209
YE3-200L-4	30	40	97.8	56.6	32.6	93.6	53.8	31.2	89.7	51.8	29.9	1475	93.6	93.5	91.6	0.86	194	3.0	3.7	8.6	280
YE3-225S-4	37	50	120	69.6	40.1	115	66.1	38.3	110	63.7	36.7	1480	93.9	93.9	92.0	0.86	239	3.4	3.3	9.4	308
YE3-225M-4	45	60	146	84.4	48.6	139	80.2	46.5	134	77.3	44.5	1480	94.2	94.3	92.7	0.86	290	3.2	3.5	9.0	343
YE3-250M-4	55	75	177	103	59.1	170	97.6	56.6	163	94.1	54.2	1485	94.6	94.6	92.8	0.86	354	3.0	3.1	8.5	456
YE3-280S-4	75	100	235	136	78.5	225	129	75.1	216	125	71.9	1480	95.0	95.0	93.5	0.88	484	2.7	2.8	8.0	565
YE3-280M-4	90	125	282	163	94.0	270	155	89.9	258	149	86.1	1485	95.2	95.2	93.5	0.88	579	2.7	2.8	8.0	657
YE3-315S-4	110	150	344	199	115	329	189	110	315	182	105	1480	95.4	94.9	93.1	0.88	710	2.6	2.7	8.2	876
YE3-315M-4	132	180	412	238	137	394	226	131	377	218	126	1480	95.6	95.1	93.3	0.88	852	2.5	2.8	8.1	994
YE3-315L1-4	160	220	492	285	164	471	271	157	451	261	150	1480	95.8	95.3	93.5	0.89	1032	2.3	2.7	7.8	1078
YE3-315L2-4	200	250	614	356	205	588	338	196	563	326	188	1480	96.0	95.5	93.7	0.89	1291	2.1	2.5	7.3	1238
YE3-355M-4	250	340	759	440	253	726	418	242	696	403	232	1490	96.0	95.5	93.7	0.90	1602	2.1	2.5	7.3	1719
YE3-355L-4	315	430	957	554	319	915	526	305	877	507	292	1490	96.0	95.5	93.7	0.90	2019	2.3	2.5	7.5	1823

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
YE4-160M-6	7.5	10	27.6	16.0	9.20	26.4	15.2	8.80	25.3	14.7	8.40	975	91.3	90.7	88.5	0.78	73	2.4	3.0	7.8	134
YE4-160L-6	11	15	39.5	22.9	13.2	37.9	21.8	12.6	36.3	21.0	12.1	970	92.3	91.8	89.8	0.79	108	2.2	2.5	7.8	157
YE4-180L-6	15	20	52.3	30.2	17.4	50.0	28.8	16.7	48.0	27.7	16.0	980	92.9	92.5	91.2	0.81	146	2.2	2.6	6.0	201
YE4-200L1-6	18.5	25	64.1	37.1	21.4	61.4	35.3	20.5	58.8	34.0	19.6	980	93.4	93.0	91.7	0.81	180	2.2	2.5	6.5	254
YE4-200L2-6	22	30	75.1	43.5	25.0	71.9	41.3	24.0	68.9	39.8	23.0	980	93.7	93.3	92.0	0.82	214	2.4	2.8	7.0	273
YE4-225M-6	30	40	103	59.7	34.4	98.7	56.7	32.9	94.6	54.7	31.5	985	94.2	93.8	92.5	0.81	291	2.0	2.3	6.5	319
YE4-250M-6	37	50	122	70.8	40.8	117	67.3	39.0	112	64.8	37.4	985	94.5	94.1	92.8	0.84	359	2.1	2.3	6.8	430
YE4-280S-6	45	60	144	83.8	48.3	139	79.7	46.2	133	76.8	44.3	985	94.8	94.4	93.1	0.86	436	2.0	2.3	6.5	539
YE4-280M-6	55	75	176	102	58.8	169	97.1	56.3	162	93.6	53.9	985	95.1	94.7	93.4	0.86	533	2.0	2.3	6.0	622
YE4-315S-6	75	100	239	138	80.0	229	132	76.5	220	127	73.3	985	95.4	95.0	93.7	0.86	727	2.0	2.3	5.8	890
YE4-315M-6	90	125	287	166	95.8	275	158	91.6	263	152	87.8	985	95.6	95.2	93.9	0.86	873	2.0	2.2	5.7	999
YE4-315L1-6	110	150	350	202	117	335	193	112	321	186	107	985	95.8	95.4	94.1	0.86	1066	2.2	2.6	7.0	1096
YE4-315L2-6	132	180	419	242	140	401	231	134	385	222	128	985	96.0	95.6	94.3	0.86	1280	2.2	2.4	6.8	1209
YE4-355M1-6	160	220	501	290	167	480	276	160	460	266	153	990	96.2	95.8	94.5	0.87	1543	2.0	2.2	7.0	1612
YE4-355M2-6	200	250	626	362	209	599	345	200	574	332	191	990	96.3	95.9	94.6	0.87	1929	2.0	2.2	7.0	1772
YE4-355L-6	250	340	781	452	260	747	430	249	716	414	239	990	96.5	96.1	94.8	0.87	2412	2.0	2.2	7.0	2031

TECHNICAL DATA

Model	Rated Power		Rated Current (A)									Rated Speed (rpm)	Efficiency η			Power Factor $\cos\phi$	Rated Torque (Nm)	Ts/Tn	Tmax/Tn	Is/In	Weight (KG)
	kW	HP	220V	380V	660V	230V	400V	690V	240V	415V	720V		100%	75%	50%						
YE4-160M1-2	11	15	35.0	20.3	11.7	33.5	19.3	11.2	32.1	18.6	10.7	2940	92.6	92.3	91.8	0.89	36	2.7	3.3	8.8	137
YE4-160M2-2	15	20	47.4	27.4	15.8	45.3	26.1	15.1	43.5	25.1	14.5	2940	93.3	93.0	91.9	0.89	49	2.6	3.3	9.0	153
YE4-160L-2	18.5	25	58.2	33.7	19.4	55.7	32.0	18.6	53.4	30.9	17.8	2940	93.7	93.0	92.0	0.89	60	2.7	3.3	9.0	168
YE4-180M-2	22	30	69.0	40.0	23.0	66.0	38.0	22.0	63.3	36.6	21.1	2945	94.0	93.6	92.3	0.89	71	2.7	3.2	8.8	214
YE4-200L1-2	30	40	93.6	54.2	31.2	89.5	51.5	29.8	85.8	49.6	28.6	2950	94.5	94.1	92.8	0.89	97	2.3	2.7	8.2	264
YE4-200L2-2	37	50	115	66.6	38.4	110	63.3	36.7	105	61.0	35.2	2950	94.8	94.4	93.1	0.89	120	2.7	3.0	8.4	282
YE4-225M-2	45	60	140	80.9	46.6	134	76.8	44.5	128	74.0	42.7	2970	95.0	94.6	93.3	0.89	145	2.6	3.2	9.4	350
YE4-250M-2	55	75	170	98.5	56.7	163	93.6	54.3	156	90.2	52.0	2970	95.3	94.9	93.6	0.89	177	2.5	3.2	7.8	440
YE4-280S-2	75	100	231	134	77.1	221	127	73.8	212	123	70.7	2970	95.6	95.2	93.9	0.89	241	2.5	3.1	7.8	621
YE4-280M-2	90	125	277	160	92.3	265	152	88.3	254	147	84.6	2970	95.8	95.4	94.1	0.89	289	2.6	3.0	7.5	648
YE4-315S-2	110	150	334	193	111	320	184	107	306	177	102	2975	96.0	95.6	94.3	0.90	353	2.1	2.8	7.4	902
YE4-315M-2	132	180	400	232	133	383	220	128	367	212	122	2975	96.2	95.8	94.5	0.90	424	2.2	2.7	7.0	1003
YE4-315L1-2	160	220	479	277	160	458	264	153	439	254	146	2975	96.3	95.9	94.6	0.91	514	1.9	2.7	6.4	1039
YE4-315L2-2	200	250	598	346	199	572	329	191	548	317	183	2975	96.5	96.1	94.8	0.91	642	2.0	2.8	8.6	1166
YE4-355M-2	250	340	747	433	249	715	411	238	685	396	228	2980	96.5	96.1	94.8	0.91	801	1.7	2.3	6.7	1692
YE4-355L-2	315	430	941	545	314	900	518	300	863	499	288	2980	96.5	96.1	94.8	0.91	1009	1.7	2.3	6.6	1854
YE4-160M-4	11	15	36.4	21.1	12.1	34.8	20.0	11.6	33.4	19.3	11.1	1460	93.3	92.9	91.5	0.85	72	2.8	3.3	8.8	137
YE4-160L-4	15	20	48.7	28.2	16.2	46.6	26.8	15.5	44.7	25.8	14.9	1460	93.9	93.5	91.9	0.86	98	2.8	3.3	8.8	161
YE4-180M-4	18.5	25	59.9	34.7	20.0	57.3	33.0	19.1	54.9	31.8	18.3	1465	94.2	93.8	92.5	0.86	121	2.5	3.4	7.8	197
YE4-180L-4	22	30	71.0	41.1	23.7	68.0	39.1	22.7	65.1	37.7	21.7	1465	94.5	94.1	92.8	0.86	143	2.6	2.7	8.0	226
YE4-200L-4	30	40	96.5	55.8	32.2	92.3	53.1	30.8	88.4	51.1	29.5	1475	94.9	94.5	93.2	0.86	194	2.8	3.5	8.6	302
YE4-225S-4	37	50	119	68.7	39.5	113	65.2	37.8	109	62.9	36.2	1480	95.2	94.8	93.5	0.86	239	3.0	3.3	9.4	333
YE4-225M-4	45	60	144	83.3	48.0	138	79.2	45.9	132	76.3	44.0	1480	95.4	95.0	93.7	0.86	290	3.2	3.5	9.0	370
YE4-250M-4	55	75	175	101	58.5	168	96.5	55.9	161	93.0	53.6	1485	95.7	95.3	94.0	0.86	354	3.0	3.1	8.5	492
YE4-280S-4	75	100	233	134	77.7	223	128	74.3	214	124	71.2	1480	96.0	95.6	94.3	0.88	484	2.5	2.8	8.0	610
YE4-280M-4	90	125	279	161	93.1	267	154	89.0	256	148	85.3	1485	96.1	95.7	94.4	0.88	579	2.5	2.8	8.0	710
YE4-315S-4	110	150	341	197	114	326	187	109	312	181	104	1480	96.3	95.9	94.6	0.88	710	2.5	2.7	8.2	902
YE4-315M-4	132	180	408	236	136	391	225	130	374	216	125	1480	96.4	96.0	94.7	0.88	852	2.5	2.8	8.1	1024
YE4-315L1-4	160	220	488	282	163	467	269	156	448	259	149	1480	96.6	96.2	94.9	0.89	1032	2.3	2.7	7.8	1110
YE4-315L2-4	200	250	610	353	203	583	335	194	559	323	186	1480	96.7	96.3	95.0	0.89	1291	2.1	2.5	7.3	1275
YE4-355M-4	250	340	754	436	251	721	415	240	691	400	230	1490	96.7	96.3	95.0	0.90	1602	2.1	2.5	7.3	1771
YE4-355L-4	315	430	950	549	317	909	522	303	871	504	290	1490	96.7	96.3	95.0	0.90	2019	2.3	2.5	7.5	1878