



Specialised Air Motors and Transmission

Y2

**SERIES THREE-PHASE
ASYNCHRONOUS
MOTOR**

IE2 IE3

CE



INTRODUCE :

These three phase motors are made to IEC standards. These are superior motors having excellent power factors efficiencies and starting torques. These motors are widely used in the agricultural, pumping, manufacturing and building service industries.

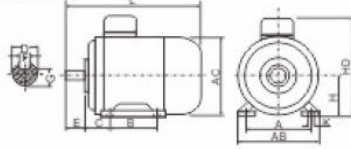
MOTOR FEATURES

- Utilise IP55 enclosures, others request
- Class F insulation, Class H available on request
- 380/415 Volt 50/60 Hz windings
- High quality magnet wire
- Vacuum varnish impregnation for superior tropic proof insulation
- Continuous SI operation
- Industrial type service factors
- Heavy duty ball bearings
- High strength cast iron frame
- Balanced rotors

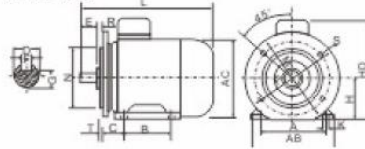
CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Corrosion resistant
- Reliable in country, city or factory environments
- Very low vibration
- Very low power consumption
- Superior life

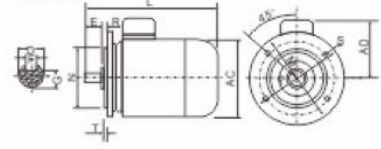
IMB3



IMB35



IMB5



INSTALLATION DIMENSIONS

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	320	330	255	420	615					
160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	670					
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	700					
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	740					
200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	395	420	305	505	770					
225S	356	286	149	-	60	-	140	-	18	-	53	225	19	400	350	450	0	19	5	435	470	335	560	-	820
225M	356	311	149	55	60	110	140	16	18	49	53	225	19	400	350	450	0	19	5	435	470	335	560	815	845
250M	406	349	168	60	65	140	18	53	58	250	24	500	450	550	0	19	5	490	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	680	985		
280M	457	419	190	65	75	140	18	20	58	67.5	280	24	500	450	550	0	19	5	550	580	410	680	1035		
315S	508	406	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	635	645	630	845	1185	1215
315M	508	457	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	635	645	630	845	1295	1325
315L	508	508	216	65	80	140	170	18	22	58	71	315	28	600	550	660	0	24	6	635	645	630	845	1295	1325
355M	610	560	254	75	95	140	170	20	25	68	86	355	28	740	680	800	0	24	6	730	710	655	1010	1500	1530
355L	610	630	254	75	95	140	170	20	25	68	86	355	28	740	680	800	0	24	6	730	710	655	1010	1500	1530

IE2 TECHNICAL DATA-Y2

SPEED 3000RPM 2-POLE 50HZ

Model	Rated Output		Rated Current (A)			Rated Current (A)			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%						
Y2-801-2	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
Y2-802-2	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	3.65	3.2	3.8	7.0	17
Y2-90S-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
Y2-90L-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
Y2-100L-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
Y2-112M-2	4	5.5	13.9	8.05	4.63	13.3	7.65	4.43	12.7	7.37	4.25	2914	85.8	86.1	85.4	0.88	13.11	2.5	3	7.5	45
Y2-132S1-2	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	17.88	2.7	3.5	7.5	72
Y2-132S2-2	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	24.36	2.4	3.3	7.5	80
Y2-160M1-2	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	35.85	2.2	2.9	7.6	108
Y2-160M2-2	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	48.89	2.3	3	7.6	117
Y2-160L-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	60.15	2.3	3.1	7.4	135
Y2-180M-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	71.46	2.8	3.2	7.8	183
Y2-200L1-2	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	97.12	2.6	3	7.8	227
Y2-200L2-2	37	50	117.9	68.3	39.3	112.8	64.9	37.6	108.1	62.5	36.0	2950	92.5	92.4	90.7	0.89	119.78	2.6	3	7.7	246
Y2-225M-2	45	60	142.8	82.7	47.6	136.6	78.6	45.5	130.9	75.7	43.6	2960	92.9	92.8	91.3	0.89	145.19	2.4	2.6	7.5	297
Y2-250M-2	55	75	174.0	100.7	58.0	166.4	95.7	55.5	159.5	92.2	53.2	2965	93.2	93.3	91.5	0.89	177.15	2.3	2.8	7.1	379
Y2-280S-2	75	100	235.8	136.5	78.6	225.5	129.7	75.2	216.1	125.0	72.0	2970	93.8	93.8	91.9	0.89	241.16	2.5	2.8	7.4	519
Y2-280M-2	90	125	282.0	163.3	94.0	269.8	155.1	89.9	258.5	149.5	86.2	2970	94.1	94.0	92.2	0.89	289.39	2.8	2.8	7.6	
Y2-315S-2	110	150	340.1	196.9	113.4	325.3	187.1	108.4	311.8	180.3	103.9	2975	94.3	94.2	92.4	0.9	353.11	2.4	2.8	6.9	
Y2-315M-2	132	180	406.9	235.6	135.6	389.2	223.8	129.7	373.0	215.7	124.3	2975	94.6	94.6	92.7	0.9	423.73	2.6	2.9	7.1	
Y2-315L1-2	160	220	486.7	281.8	162.2	465.6	267.7	155.2	446.2	258.0	148.7	2975	94.8	94.9	93.1	0.91	513.61	2.5	2.9	7.1	
Y2-315L2-2	200	250	607.1	351.5	202.4	580.7	333.9	193.6	556.5	321.9	185.5	2975	95.0	95.1	93.3	0.91	642.02	2.5	2.8	6.9	
Y2-355M-2	250	340	758.9	439.4	253.0	725.9	417.4	242.0	695.7	402.3	231.9	2980	95.0	95.0	93.4	0.91	801.17	2.5	2.8	7.0	905
Y2-355L-2	315	430	956.2	553.6	318.7	914.7	525.9	304.9	876.5	506.9	292.2	2980	95.0	95.1	93.4	0.91	1009.48	2.5	2.9	7.0	

SPEED 1500RPM 4-POLE 50HZ

Model	Rated Output		Rated Current (A)			Rated Current (A)			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%						
Y2-802-4	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
Y2-90S-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	7.3	3	3.5	6	22
Y2-90L-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
Y2-100L1-4	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
Y2-100L2-4	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
Y2-112M-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
Y2-132S-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
Y2-132M-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
Y2-160M-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
Y2-160L-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
Y2-180M-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
Y2-180L-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
Y2-200L-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
Y2-225S-4	37	50	121.8	70.5	40.6	116.5	67.0	38.8	111.6	64.6	37.2	1480	92.7	92.8	91.7	0.86	238.8	2.5	2.7	7.5	297
Y2-225M-4	45	60	147.5	85.4	49.2	141.1	81.1	47.0	135.2	78.2	45.1	1480	93.1	93.2	92.1	0.86	290.4	2.5	2.8	7.6	322
Y2-250M-4	55	75	179.5	103.9	59.8	171.7	98.7	57.2	164.5	95.2	54.8	1485	93.5	93.4	92.4	0.86	354.9	2.6	2.7	7.3	413
Y2-280S-4	75	100	237.9	137.8	79.3	227.6	130.9	75.9	218.1	126.1	72.7	1480	94.0	94.1	92.8	0.88	484	2.7	2.7	7.6	558
Y2-280M-4	90	125	284.9	165.0	95.0	272.5	156.7	90.8	261.2	151.0	87.1	1485	94.2	94.2	93.1	0.88	580.7	2.7	2.7	7.5	632
Y2-315S-4	110	150	347.1	201.0	115.7	332.0	190.9	110.7	318.2	184.0	106.1	1480	94.5	94.4	93.3	0.88	707.4	2.7	2.9	7.1	826
Y2-315M-4	132	180	415.7	240.7	138.6	397.6	228.6	132.5	381.0	220.4	127.0	1480	94.7	94.8	93.7	0.88	88.9	2.7	2.9	7.3	925
Y2-315L1-4	160	220	497.1	287.8	165.7	475.5	273.4	158.5	455.7	263.5	151.9	1480	94.9	94.8	93.8	0.89	1029	3	3	7.4	
Y2-315L2-4	200	250	620.1	359.0	206.7	593.2	341.1	197.7	568.4	328.7	189.5	1480	95.1	95.1	94.0	0.89	1286	3	3	7.6	1156
Y2-355M-4	250	340	766.5	443.8	255.5	733.2	421.6	244.4	702.7	406.4	234.2	1490	95.1	95.1	94.0	0.90	1602	2.8	2.9	7.5	
Y2-355L-4	315	430	965.8	559.2	321.9	923.8	531.2	307.9	885.4	512.0	295.1	1490	95.1	95.1	94.0	0.90	2019	2.6	2.8	7.4	

SPEED 1000RPM 6-POLE 50HZ

Model	Rated Output		Rated Current (A)			Rated Current (A)			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%						
Y2-90S-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
Y2-90L-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
Y2-100L-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
Y2-112M-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
Y2-132S-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
Y2-132M1-6	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
Y2-132M2-6	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
Y2-160M-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
Y2-160L-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
Y2-180L-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
Y2-200L1-6	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
Y2-200L2-6	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
Y2-225M-6	30	40.0	106.0	61.4	35.3	101.4	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
Y2-250M-6	37	50.0	125.4	72.6	41.8	119.9	69.0	40.0	114.9	66.5	38.3	985	92.2	92.3	91.1	0.84	360.6	2.5	2.7	6.9	385
Y2-280S-6	45	60.0	148.1	85.8	49.4	141.7	81.5	47.2	135.8	78.5	45.3	985	92.7	92.7	91.5	0.86	438.5	2.2	2.4	7	482
Y2-280M-6	55	75.0	180.3	104.4	60.1	172.4	99.2	57.5	165.3	95.6	55.1	985	93.1	93.2	92.0	0.86	536	2.4	2.5	7.1	559
Y2-315S-6	75	100	244.3	141.4	81.4	233.6	134.3	77.9	223.9	129.5	74.6	985	93.7	93.7	92.5	0.86	727.2	2.8	3	7.3	
Y2-315M-6	90	125	292.2	169.1	97.4	279.5	160.7	93.2	267.8	154.9	89.3	985	94.0	93.9	92.6	0.86	872.6	2.7	2.9	7.1	
Y2-315L1-6	110	150	356.0	206.1	118.7	340.5	195.8	113.5	326.3	188.7	108.8	985	94.3	94.3	92.9	0.86	1066	2.9	2.9	7.4	
Y2-315L2-6	132	180	425.8	246.5	141.9	407.3	234.2	135.8	390.3	225.7	130.1	985	94.6	94.7	93.1	0.86	1280	3	3.1	7.6	
Y2-355M1-6	160	220	509.1	294.7	169.7	487.0	280.0	162.3	466.7	269.9	155.6	990	94.8	94.9	93.4	0.87	1543	3.1	3.1	7.6	
Y2-355M2-6	200	250	635.0	367.7	211.7	607.4	349.3	202.5	582.1	336.6	194.0	990	95.0	95.1	93.8	0.87	1929	3	3	7.8	
Y2-355L-6	250	340	793.8	459.6	264.6	759.3	436.6	253.1	727.7	420.8	242.6	990	95.0	95.0	93.9	0.87	2412	3.1	3	7.7	

IE3 TECHNICAL DATA - Y2

SPEED 3000RPM 2-POLE 50HZ

Model	Rated Output		Rated Speed (rpm)	Efficiency η (%)	Power Factor $\cos\phi$	Current (A)			Rated Torque (Nu)	Ts/Tn	Tmax/Tn	Ist/In	Weight (kg)
	KW	HP				380V	400V	415V					
Y2-801-2	0.75	1	2880	80.7	0.83	1.7	1.61	1.56	2.49	1.8	3.5	5.5	20
Y2-802-2	1.1	1.5	2880	82.7	0.83	2.43	2.31	2.22	3.65	2.6	3.5	7.5	21
Y2-90S-2	1.5	2	2895	84.2	0.83	3.25	3.09	2.98	4.95	2.6	3.5	7.1	26
Y2-90L-2	2.2	3	2895	85.9	0.85	4.57	4.34	4.19	7.26	2	3	7	29
Y2-100L-2	3	4	2895	87.1	0.88	5.94	5.64	5.44	9.9	2	3.2	8.6	43
Y2-112M-2	4	5.5	2905	88.1	0.88	7.83	7.44	7.17	13.1	1.8	2.9	8	51
Y2-132S1-2	5.5	7.5	2930	89.2	0.88	10.6	10.1	9.75	17.9	2.1	2.5	7.5	76
Y2-132S2-2	7.5	10	2930	90.1	0.88	14.4	13.7	13.2	24.4	2	3.5	7.3	84
Y2-160M1-2	11	15	2945	91.2	0.90	20.4	19.3	18.6	35.7	2.3	2.6	7.3	128
Y2-160M2-2	15	20	2945	91.9	0.91	27.2	25.9	24.9	48.6	1.9	2.3	7	140
Y2-160L-2	18.5	25	2940	92.4	0.89	34.1	32.4	31.3	60.1	1.6	2.5	7	155
Y2-180M-2	22	30	2955	92.7	0.90	40.1	38.1	36.7	71.1	1.6	2.5	7	192
Y2-200L1-2	30	40	2960	93.3	0.89	54.8	52.1	50.2	96.8	1.5	2.5	7	246
Y2-200L2-2	37	50	2960	93.7	0.89	65.9	62.6	60.3	119	1.5	2.5	7.3	267
Y2-225M-2	45	60	2965	94.0	0.88	82.5	78.4	75.5	145	1.6	2.5	6.8	353
Y2-250M-2	55	75	2970	94.3	0.89	99.6	94.6	91.2	176.9	1.6	2.6	7.2	408
Y2-280S-2	75	100	2975	94.7	0.91	134	127	122	240.8	1.2	2	7.2	548
Y2-280M-2	90	125	2975	95.0	0.89	162	153	148	288.9	1.2	2	7.4	596
Y2-315S-2	110	150	2978	95.2	0.90	195	185	179	352.8	1.2	2	7.3	956
Y2-315M-2	132	180	2978	95.4	0.90	233	222	214	432.3	1.3	2.1	7.3	1017
Y2-315L1-2	160	200	2980	95.6	0.90	283	268	259	512.8	1.2	2	6.8	1119
Y2-315L2-2	200	270	2980	95.8	0.91	349	331	319	640.9	1.1	2	7.8	1150
Y2-355M-2	250	340	2982	95.8	0.92	431	409	394	800.6	1.1	2	7.9	1948
Y2-355L-2	315	430	2982	95.8	0.92	543	519	497	1009	1.1	2	7.9	2356

SPEED 1500RPM 4-POLE 50HZ

Model	Rated Output		Rated Speed (rpm)	Efficiency η (%)	Power Factor cosp	Current (A)			Rated Torque (Nu)	Ts/Tn	Tmax/Tn	Ist/In	Weight (kg)
	KW	HP				380V	400V	415V					
Y2-802-4	0.75	1	1420	82.5	0.74	1.86	1.77	1.7	5.04	2.9	3.6	6	22
Y2-90S-4	1.1	1.5	1445	84.1	0.74	2.68	2.55	2.46	7.27	2.7	3.8	6.5	27
Y2-90L-4	1.5	2	1445	85.3	0.74	3.16	3.43	3.3	9.91	3	3.6	6.8	32
Y2-100L1-4	2.2	3	1435	86.7	0.78	4.93	4.68	4.52	14.6	2.5	3.5	7.2	44
Y2-100L2-4	3	4	1435	87.7	0.78	6.66	6.32	6.09	20	2.6	3.5	7.2	49
Y2-112M-4	4	5.5	1440	88.6	0.80	8.56	8.14	7.84	26.5	2.3	3.2	7	56
Y2-132S-4	5.5	7.5	1460	89.6	0.80	11.6	11.1	10.7	36	2.7	3.5	7.1	81
Y2-132M-4	7.5	10	1460	90.4	0.82	15.3	14.6	14	49.1	2.7	3.8	7.2	91
Y2-160M-4	11	15	1465	91.4	0.82	22.3	21.2	20.4	71.7	1.9	2.3	6.8	141
Y2-160L-4	15	20	1465	92.1	0.82	30.1	28.6	27.6	97.8	1.8	2.4	6.8	151
Y2-180M-4	18.5	25	1470	92.6	0.82	36.1	34.3	33.1	120.2	1.8	2.5	6.9	190
Y2-180L-4	22	30	1470	93.0	0.85	42.3	40.2	38.7	142.9	1.8	2.5	7	205
Y2-200L-4	30	40	1485	93.6	0.85	56.5	53.7	51.7	194.2	1.8	2.3	6.8	275
Y2-225S-4	37	50	1485	93.9	0.86	69.5	66.1	63.7	237.9	1.7	2.3	7.1	315
Y2-225M-4	45	60	1485	94.2	0.86	83.2	79.1	76.2	289.4	1.8	2.4	7.1	345
Y2-250M-4	55	75	1485	94.6	0.87	101	96.2	82.7	353.7	1.8	2.4	7	421
Y2-280S-4	75	100	1486	95.0	0.87	138	131	126	482	1.8	2.2	6.9	538
Y2-280M-4	90	125	1486	95.2	0.87	165	157	151	578.4	1.6	2.1	7.2	638
Y2-315S-4	110	150	1488	95.4	0.88	199	189	182	706	1.6	2.1	7.2	958
Y2-315MS-4	132	180	1488	95.6	0.88	238	226	218	847.2	1.5	2	7.2	1045
Y2-315L1-4	160	200	1488	95.8	0.88	288	274	264	1027	1.5	2	6.8	1115
Y2-315L2-4	200	270	1490	96.0	0.88	360	342	329	1282	1.6	2.1	7.2	1233
Y2-355M-4	250	340	1490	96.0	0.88	449	427	411	1603	1.4	2.1	7.3	1744
Y2-355L-4	315	430	1490	96.0	0.88	567	538	519	2019	1.4	2	7.4	1950

SPEED 1000RPM 6-POLE 50HZ

Model	Rated Output		Rated Speed (rpm)	Efficiency η (%)	Power Factor cosp	Current (A)			Rated Torque (Nu)	Ts/Tn	Tmax/Tn	Ist/In	Weight (kg)
	KW	HP				380V	400V	415V					
Y2-90S-6	0.75	1	935	78.9	0.61	2.36	2.24	2.16	7.66	2.5	3.3	4.5	27
Y2-90L-6	1.1	1.5	945	81.0	0.69	2.99	2.84	2.73	11.1	1.7	3.3	4.4	29
Y2-100L-6	1.5	2	949	82.5	0.69	4	3.8	3.66	15.1	2.3	3	5	42
Y2-112M-6	2.2	3	955	84.3	0.71	5.58	5.3	5.11	22	2.6	3	5.5	53
Y2-132S-6	3	4	968	85.6	0.71	7.48	7.11	6.85	29.6	2	3.1	5.5	79
Y2-132M1-6	4	5.5	968	86.8	0.71	9.85	9.36	7.02	39.5	2.1	2.6	5.7	86
Y2-132M2-6	5.5	7.5	968	88.0	0.75	12.6	12	11.6	54.3	1.7	2.6	6	98
Y2-160M-6	7.5	10	970	89.1	0.77	16.6	15.7	15.2	73.8	1.7	2.5	5.9	154
Y2-160L-6	11	15	970	90.3	0.79	23.4	22.2	21.4	108.3	1.5	2.4	6	170
Y2-180L-6	15	20	978	91.2	0.81	30.8	29.3	28.2	146.5	1.5	2.4	6	203
Y2-200L1-6	18.5	25	980	91.7	0.81	37.8	35.9	34.6	180.3	1.6	2.4	6.5	241
Y2-200L2-6	22	30	980	92.2	0.83	43.6	41.4	40	214.4	1.7	2.4	6.5	256
Y2-225M-6	30	40	980	92.9	0.84	58.3	55.4	53.4	292.3	1.9	2.2	6.5	322
Y2-250M-6	37	50	985	93.3	0.84	71.7	68.1	65.7	385.7	1.9	2.2	6.8	405
Y2-280S-6	45	60	985	93.7	0.85	85.8	81.5	78.5	436.3	1.8	2.2	6.5	521
Y2-280M-6	55	75	985	94.1	0.85	104	99.1	95.6	533.2	1.8	2.2	6	570
Y2-315S-6	75	100	985	94.6	0.85	142	135	130	727.2	1.6	2	6.5	941
Y2-315M-6	90	125	988	94.9	0.85	169	161	155	869.9	1.6	2	6.8	1021
Y2-315L1-6	110	150	988	95.1	0.86	204	194	187	1063	1.5	2	6.8	1094
Y2-315L2-6	132	180	988	95.4	0.86	244	232	224	1276	1.4	2.1	6.8	1216
Y2-355M1-6	160	200	990	95.6	0.86	296	281	271	1543	1.4	2	7.1	1591
Y2-355M2-6	200	270	990	95.8	0.88	360	342	330	1929	1.3	2	7.2	1642
Y2-355L-6	250	340	990	95.8	0.88	451	428	413	2412	1.3	2	7.2	1744