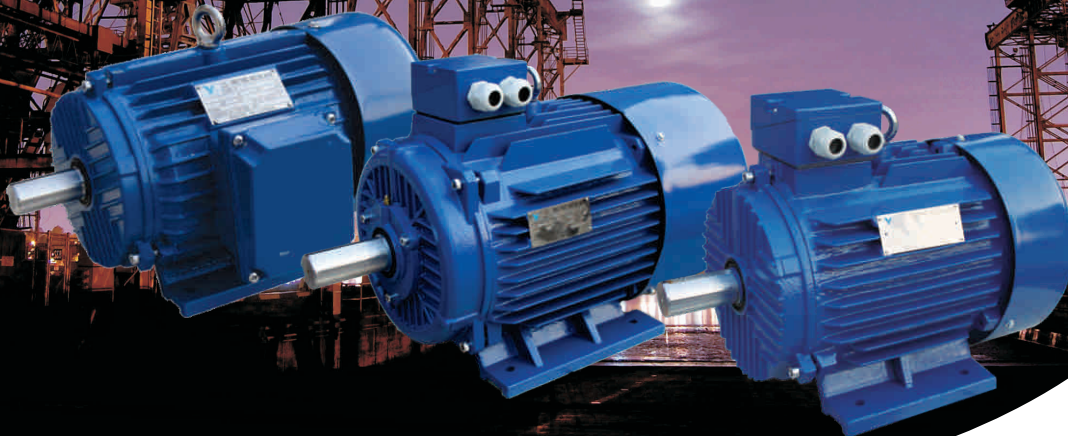


Y/Y2 Series Three Phase Induction Motor Cast Iron Housing

Frame Size	H80~H355
Power	0.18kW~315kW
Synchronous Speed	3000, 1500, 1000, 750, 600RPM
Voltage	230/400V, 400/690V
Frequency	50Hz, 60Hz
Protection class	IP54, IP55
Insulation class	F
Ambi. temperature	-15°C ~ +40°C
Altitude Above sea level	≤ 1000m



Mounting Arrangements

The commonly used mounting arrangements and the corresponding frame numbers are shown in table 1.
Table 1

Frame	Basic B3	B5	B35	Based on B5 V1	V3	Based on B3 V5	V6	B6	B7	B8	Based on B35 V15	V36
H80~H160	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
H180~H225	✓	✓	✓	✓	-	-	-	-	-	-	-	-
H250~H355	✓	-	✓	✓	-	-	-	-	-	-	-	-

Bearing

Frame	Driving End 2P		4,6,8P		Non-Driving End 2P		4,6,8P	2P	4,6,8P
	Y	Y2	Y	Y2	Y	Y	Y2	Y2	Y2
80	6204	6204	6204	6204	6204	6204	6204	6204	6204
90	6205	6205	6205	6205	6205	6205	6205	6205	6205
100	6206	6206	6206	6206	6206	6206	6206	6206	6206
112	6206	6206	6206	6206	6206	6206	6206	6206	6206
132	6208	6208	6208	6208	6208	6208	6208	6208	6208
160	6309	6209	6309	6309	6309	6309	6309	6309	6309
180	6311	6211	6311	6311	6311	6311	6311	6311	6311
200	6312	6212	6312	6312	6312	6312	6312	6312	6312
225	6313	6312	6313	6313	6313	6313	6312	6312	6312
250	6314	6313	6314	6314	6314	6314	6313	6313	6313
280	6314	6314	6317	6317	6314	6317	6314	6314	6314
315	6317	6317	N319	N319	6317	6319	6317	6317	6319
355	6319	6319	N322	N322	6319	6322	6319	6319	6322



Model	Output KW	HP	Voltage (V)	Current (A)	Speed (r.p.m)	Eff (%)	Power Factor	Start torque Rated torque	Start current Rated current	Max. torque Rated torque	Min. torque Rated torque	Noise (dBA)	Weight kGS
2-Pole Synchronous 3000RPM 50Hz													
Y/Y2 80A2	0.75	1.0	380	1.80	2890	75.0	0.83	2.2	6.1	2.3	1.5	67	16
Y/Y2 80B2	1.1	1.5	380	2.60	2900	76.2	0.84	2.2	6.9	2.3	1.5	67	17
Y/Y2 90S2	1.5	2.0	380	3.40	2900	78.5	0.84	2.2	7.0	2.3	1.5	72	22
Y/Y2 90L2	2.2	3.0	380	4.80	2930	81.0	0.85	2.2	7.0	2.3	1.4	72	25
Y/Y2 100L2	3.0	4.0	380	6.30	2930	82.6	0.87	2.2	7.5	2.3	1.4	76	33
Y/Y2 112M2	4.0	5.5	380	8.10	2930	84.2	0.88	2.2	7.5	2.3	1.4	77	45
Y/Y2 132SA2	5.5	7.5	380	11.0	2940	85.7	0.88	2.2	7.5	2.3	1.2	80	64
Y/Y2 132SB2	7.5	10	380	15.0	2950	87.0	0.88	2.2	7.5	2.3	1.2	80	70
Y/Y2 160MA2	11	15	380	21.3	2950	88.4	0.89	2.2	7.5	2.3	1.2	86	117
Y/Y2 160MB2	15	20	380	28.7	2970	89.4	0.89	2.2	7.5	2.3	1.2	86	125
Y/Y2 160L2	18.5	25	380	34.6	2970	90.0	0.90	2.2	7.5	2.3	1.1	86	147
Y/Y2 180M2	22	30	380	40.9	2970	90.5	0.90	2.0	7.5	2.3	1.1	89	180
Y/Y2 200LA2	30	40	380	55.4	2970	91.4	0.90	2.0	7.5	2.3	1.1	92	240
Y/Y2 200LB2	37	50	380	67.7	2980	92.0	0.90	2.0	7.5	2.3	1.1	92	255
Y/Y2 225M2	45	60	380	82.3	2980	92.5	0.90	2.0	7.5	2.3	1.0	92	309
Y/Y2 250M2	55	75	380	101.0	2980	93.0	0.90	2.0	7.5	2.3	1.0	93	403
Y/Y2 280S2	75	100	380	134.0	2980	93.6	0.90	2.0	7.0	2.3	0.9	94	544
Y/Y2 280M2	90	125	380	160.0	2980	93.9	0.91	2.0	7.1	2.3	0.9	94	620
Y/Y2 315S2	110	150	380	195.0	2980	94.0	0.91	1.8	7.1	2.2	0.9	96	980
Y/Y2 315M2	132	180	380	233.0	2980	94.5	0.91	1.8	7.1	2.2	0.9	96	1080
Y/Y2 315LA2	160	220	380	279.0	2980	94.6	0.92	1.8	7.1	2.2	0.9	99	1160
Y/Y2 315LB2	200	270	380	348.0	2980	94.8	0.92	1.8	7.1	2.2	0.8	99	1190
Y2 355M2	250	340	380	433.0	2980	95.2	0.92	1.6	7.1	2.2	0.8	103	1760
Y2 355L2	315	430	380	544.0	2980	95.4	0.92	1.6	7.1	2.2	0.8	103	1850
4-Pole Synchronous 1500RPM 50Hz													
Y/Y2 80A4	0.55	0.75	380	1.60	1400	71.0	0.75	2.4	5.2	2.3	1.7	58	17
Y/Y2 80B4	0.75	1.0	380	2.00	1400	73.0	0.76	2.3	6.0	2.3	1.6	58	18
Y/Y2 90S4	1.1	1.5	380	2.90	1400	76.2	0.77	2.3	6.0	2.3	1.6	61	22
Y/Y2 90L4	1.5	2.0	380	3.70	1400	78.5	0.78	2.3	6.0	2.3	1.6	61	27
Y/Y2 100L14	2.2	3.0	380	5.10	1420	81.0	0.81	2.3	7.0	2.3	1.5	64	34
Y/Y2 100L24	3.0	4.0	380	6.80	1420	82.6	0.82	2.3	7.0	2.3	1.5	64	38
Y/Y2 112M4	4.0	5.5	380	8.80	1440	84.2	0.82	2.3	7.0	2.3	1.5	65	43
Y/Y2 132S4	5.5	7.5	380	11.8	1440	85.7	0.83	2.3	7.0	2.3	1.4	71	68
Y/Y2 132M4	7.5	10	380	15.5	1440	87.0	0.84	2.3	7.0	2.3	1.4	71	81
Y/Y2 160M4	11	15	380	22.3	1460	88.4	0.84	2.2	7.0	2.3	1.4	75	123
Y/Y2 160L4	15	20	380	30.0	1460	89.4	0.85	2.2	7.5	2.3	1.4	75	144
Y/Y2 180M4	19	25	380	36.4	1470	90.0	0.86	2.2	7.5	2.3	1.2	76	182
Y/Y2 180L4	22	30	380	43.1	1470	90.5	0.86	2.2	7.5	2.3	1.2	76	190
Y/Y2 200L4	30	40	380	57.4	1470	91.4	0.86	2.2	7.2	2.3	1.2	79	270
Y/Y2 225S4	37	50	380	69.9	1480	92.0	0.87	2.2	7.2	2.3	1.2	81	284
Y/Y2 225M4	45	60	380	84.7	1480	92.5	0.87	2.2	7.2	2.3	1.1	81	320
Y/Y2 250M4	55	75	380	103	1480	93.0	0.87	2.2	7.2	2.3	1.1	83	427
Y/Y2 280S4	75	100	380	140	1480	93.6	0.88	2.2	6.8	2.3	1.0	86	562
Y/Y2 280M4	90	125	380	167	1490	93.9	0.88	2.2	6.8	2.3	1.0	86	667
Y/Y2 315S4	110	150	380	201	1490	94.5	0.88	2.1	6.9	2.2	1.0	93	1000
Y/Y2 315M4	132	180	380	240	1490	94.8	0.88	2.1	6.9	2.2	1.0	93	1100
Y/Y2 315LA4	160	220	380	287	1490	94.9	0.89	2.1	6.9	2.2	1.0	97	1160
Y/Y2 315LB4	200	270	380	359	1490	94.9	0.89	2.1	6.9	2.2	0.9	97	1270
Y2 355M4	250	340	380	443	1485	95.2	0.90	2.1	6.9	2.2	0.9	101	1700
Y2 355L4	315	430	380	556	1485	95.2	0.90	2.1	6.9	2.2	0.8	101	1850



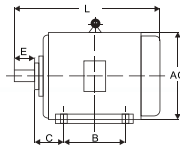
Y/Y2 series Three Phase Induction Motor

Model	Output KW	HP	Voltage (V)	Current (A)	Speed (r.p.m)	Eff (%)	Power Factor	Start torque Rated torque	Start current Rated current	Max. torque Rated torque	Min. torque Rated torque	Noise (dBA)	Weight kGS
6-Pole Synchronous 1000RPM 50Hz													
Y2 80A6	0.37	0.50	380	1.30	900	62.0	0.70	1.9	4.7	2.0	1.5	54	17
Y2 80B6	0.55	0.75	380	1.80	900	65.0	0.72	1.9	4.7	2.1	1.5	54	19
Y/Y2 90S6	0.75	1.0	380	2.30	910	69.0	0.72	2.0	5.3	2.1	1.5	57	23
Y/Y2 90L6	1.1	1.5	380	3.20	910	72.0	0.73	2.0	5.5	2.1	1.3	57	25
Y/Y2 100L6	1.5	2.0	380	3.90	940	76.0	0.75	2.0	5.5	2.1	1.3	61	33
Y/Y2 112M6	2.2	3.0	380	5.60	940	79.0	0.76	2.0	6.5	2.1	1.3	65	45
Y/Y2 132S6	3.0	4.0	380	7.40	960	81.0	0.76	2.1	6.5	2.1	1.3	69	63
Y/Y2 132MA6	4.0	5.5	380	9.70	960	82.0	0.76	2.1	6.5	2.1	1.3	69	73
Y/Y2 132MB6	5.5	7.5	380	12.9	960	84.0	0.77	2.1	6.5	2.1	1.3	69	84
Y/Y2 160M6	7.5	10	380	16.5	970	86.0	0.77	2.0	6.5	2.1	1.3	73	119
Y/Y2 160L6	11	15	380	24.1	970	87.5	0.78	2.0	6.5	2.1	1.2	73	147
Y/Y2 180L6	15	20	380	31.5	970	89.0	0.81	2.0	7.0	2.1	1.2	73	195
Y/Y2 200LA6	18.5	25	380	38.5	970	90.0	0.81	2.1	7.0	2.1	1.2	76	220
Y/Y2 200LB6	22	30	380	44.6	970	90.0	0.83	2.0	7.0	2.1	1.2	76	250
Y/Y2 225M6	30	40	380	59.3	980	91.5	0.84	2.0	7.0	2.1	1.2	76	292
Y/Y2 250M6	37	50	380	71.0	980	92.0	0.86	2.1	7.0	2.1	1.2	78	408
Y/Y2 280S6	45	60	380	86.0	980	92.5	0.86	2.1	7.0	2.0	1.1	80	536
Y/Y2 280M6	55	75	380	105	980	92.8	0.86	2.1	7.0	2.0	1.1	80	595
Y/Y2 315S6	75	100	380	141	990	93.5	0.86	2.0	6.7	2.0	1.0	85	990
Y/Y2 315M6	90	125	380	169	990	93.8	0.86	2.0	6.7	2.0	1.0	85	1080
Y/Y2 315LA6	110	150	380	206	990	94.0	0.86	2.0	6.7	2.0	1.0	85	1150
Y/Y2 315LB6	132	180	380	244	990	94.2	0.87	2.0	6.7	2.0	1.0	85	1210
Y2 355MA6	160	220	380	292	990	94.5	0.88	1.9	6.7	2.0	1.0	92	1600
Y2 355MB6	200	270	380	365	990	94.5	0.88	1.9	6.7	2.0	0.9	92	1700
Y2 355L6	250	340	380	455	990	94.5	0.88	1.9	6.7	2.0	0.9	92	1800
8-Pole Synchronous 750RPM 50Hz													
Y2 80A8	0.18	0.25	380	0.88	680	51.0	0.61	1.8	3.3	1.9	1.3	52	17
Y2 80B8	0.25	0.33	380	1.15	680	54.0	0.61	1.8	3.3	1.9	1.3	52	19
Y2 90S8	0.37	0.50	380	1.50	680	62.0	0.61	1.8	4.0	1.9	1.3	56	23
Y2 90L8	0.55	0.75	380	2.20	700	63.0	0.61	1.8	4.0	2.0	1.3	56	25
Y2 100LA8	0.75	1.0	380	2.40	700	70.0	0.67	1.8	4.0	2.0	1.3	59	33
Y2 100LB8	1.1	1.5	380	3.30	700	72.0	0.69	1.8	5.0	2.0	1.2	59	38
Y2 112M8	1.5	2.2	380	4.50	700	74.0	0.70	1.8	5.0	2.0	1.2	61	50
Y/Y2 132S8	2.2	3.0	380	6.00	710	79.0	0.71	1.8	6.0	2.0	1.2	64	63
Y/Y2 132M8	3.0	4.0	380	7.90	710	80.0	0.73	1.8	6.0	2.0	1.2	64	79
Y/Y2 160MA8	4.0	5.5	380	10.2	720	81.0	0.73	1.9	6.0	2.0	1.2	68	118
Y/Y2 160MB8	5.5	7.5	380	13.6	720	83.0	0.74	1.9	6.0	2.0	1.2	68	119
Y/Y2 160L8	7.5	10	380	17.7	720	85.5	0.75	1.9	6.0	2.0	1.2	68	145
Y/Y2 180L8	11	15	380	25.1	730	87.5	0.75	2.0	6.5	2.0	1.1	70	184
Y/Y2 200L8	15	20	380	34.0	730	88.0	0.76	2.0	6.6	2.0	1.1	73	250
Y/Y2 225S8	18.5	25	380	40.6	730	90.0	0.76	1.9	6.6	2.0	1.1	73	266
Y/Y2 225M8	22	30	380	47.4	730	90.5	0.78	1.9	6.6	2.0	1.1	73	292
Y/Y2 250M8	30	40	380	64.0	740	91.0	0.79	1.9	6.6	2.0	1.1	75	405
Y/Y2 280S8	37	50	380	78.0	740	91.5	0.79	1.9	6.6	2.0	1.1	76	520
Y/Y2 280M8	45	60	380	94	740	92.0	0.79	1.9	6.6	2.0	1.0	76	592
Y/Y2 315S8	55	75	380	111	740	92.8	0.81	1.8	6.6	2.0	1.0	82	1000
Y/Y2 315M8	75	100	380	151	740	93.5	0.81	1.8	6.2	2.0	0.9	82	1100
Y/Y2 315LA8	90	125	380	178	740	93.8	0.82	1.8	6.4	2.0	0.9	82	1160
Y/Y2 315LB8	110	150	380	217	740	94.0	0.82	1.8	6.4	2.0	0.9	82	1230
Y2 355MA8	132	180	380	261	740	93.7	0.82	1.8	6.4	2.0	0.9	90	1600
Y2 355MB8	160	220	380	313	740	94.2	0.82	1.8	6.4	2.0	0.9	90	1700
Y2 355L8	200	270	380	388	740	94.5	0.83	1.8	6.4	2.0	0.9	90	1800
10-Pole Synchronous 600RPM 50Hz													
Y/Y2 315S10	45	60	380	100	590	91.5	0.75	1.5	6.2	2.0	0.8	76	1000
Y/Y2 315M10	55	75	380	121	590	92.0	0.75	1.5	6.2	2.0	0.8	82	1100
Y/Y2 315LA10	75	100	380	162	590	92.5	0.76	1.5	5.8	2.0	0.8	82	1160
Y/Y2 315LB10	90	120	380	191	590	93.0	0.77	1.5	5.9	2.0	0.8	82	1230
Y2 355MA10	110	150	380	230	590	93.2	0.78	1.3	6.0	2.0	0.8	85	1600
Y2 355MB10	132	180	380	275	590	93.5	0.78	1.3	6.0	2.0	0.8	85	1700
Y2 355L10	160	220	380	334	590	93.5	0.78	1.3	6.0	2.0	0.8	85	1800

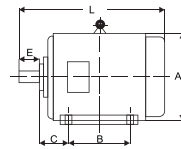
Y series Three Phase Induction Motor



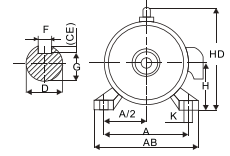
IM B3



Frame Size 80~132



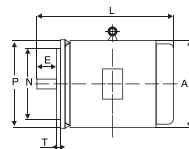
Frame Size 160~355



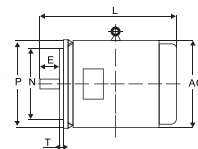
Y Series Mounting Dimensions IM B3

Frame	Poles	Mounting Dimensions					Frame Dimensions								
		A	B	C	D	E	F	G 1)	H	K 2)	AB	AC	AD	HD	L
80	2,4	125	100	50	19	40	6	15.5	80	10	165	175	150	175	290
90S	2,4,6	140	100	56	24	50	8	20	90	10	180	195	160	195	315
90L	2,4,6	140	125	56	24	50	8	20	90	10	180	195	160	195	340
100L	2,4,6	160	140	63	28	60	8	24	100	12	205	215	180	245	380
112M	2,4,6	190	140	70	28	60	8	24	112	12	245	240	190	265	400
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	280	275	210	315	475
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	280	275	210	315	515
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	330	335	265	385	605
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	330	335	265	385	650
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	355	380	285	430	670
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	355	380	285	430	710
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	395	420	315	475	775
225S	4,8	356	286	149	60	140	18	53	225	19	435	475	345	530	820
225M	2	356	311	149	55	110	16	49	225	19	435	475	345	530	815
225M	4,6,8	356	311	149	60	140	18	53	225	19	435	475	345	530	845
250M	2	406	349	168	60	140	18	53	250	24	490	515	385	575	930
250M	4,6,8	406	349	168	65	140	18	58	250	24	490	515	385	575	930
280S	2	457	368	190	65	140	18	58	280	24	550	580	410	640	1000
280S	4,6,8	457	368	190	75	140	20	67.5	280	24	550	580	410	640	1000
280M	2	457	419	190	65	140	18	58	280	24	550	580	410	640	1050
280M	4,6,8	457	419	190	75	140	20	67.5	280	24	550	580	410	640	1050
315S	2	508	406	216	65	140	18	58	315	28	744	645	576	865	1240
315S	4,6,8,10	508	406	216	80	170	22	71	315	28	744	645	576	865	1270
315M	2	508	457	216	65	140	18	58	315	28	744	645	576	865	1310
315M	4,6,8,10	508	457	216	80	170	22	71	315	28	744	645	576	865	1340
315L	2	508	508	216	65	140	18	58	315	28	744	645	576	865	1310
315L	4,6,8,10	508	508	216	80	170	22	71	315	28	744	645	576	865	1340
355M	2	610	560	254	75	140	20	67.5	355	28	740	750	680	1035	1540
355M	4,6,8,10	610	560	254	95	170	25	86	355	28	740	750	680	1035	1570
355L	2	610	630	254	75	140	20	67.5	355	28	740	750	680	1035	1540
355L	4,6,8,10	610	630	254	95	170	25	86	355	28	740	750	680	1035	1570

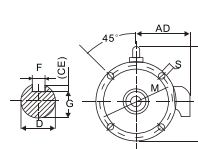
IM B5



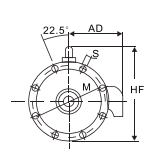
Frame Size 80~132



Frame Size 160~225



Frame Size 180~200



Frame Size 225

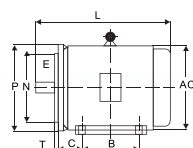
Y Series Mounting Dimensions IM B5

Frame	Poles	Mounting Dimensions										Holes No.	Frame Dimensions			
		D	E	F	G 1)	M	N	P 3)	R 4)	S	T		AC	AD	HF	L
80	2,4	19	40	6	15.5	165	130	200	0	12	3.5	4	175	150	185	290
90S	2,4,6	24	50	8	20	165	130	200	0	12	3.5	4	195	160	195	315
90L	2,4,6	24	50	8	20	165	130	200	0	12	3.5	4	195	160	195	340
100L	2,4,6	28	60	8	24	215	180	250	0	15	4	4	215	180	245	380
112M	2,4,6	28	60	8	24	215	180	250	0	15	4	4	240	190	265	400
132S	2,4,6,8	38	80	10	33	265	230	300	0	15	4	4	275	210	315	475
132M	2,4,6,8	38	80	10	33	265	230	300	0	15	4	4	275	210	315	515
160M	2,4,6,8	42	110	12	37	300	250	350	0	19	5	4	275	265	385	605
160L	2,4,6,8	42	110	12	37	300	250	350	0	19	5	4	335	265	385	650
180M	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	285	430	670
180L	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	285	430	710
200L	2,4,6,8	55	110	16	49	350	300	400	0	19	5	4	420	315	480	775
225S	4,8	60	140	18	53	400	350	450	0	19	5	8	475	345	535	820
225M	2	55	110	16	49	400	350	450	0	19	5	8	475	345	535	815
225M	4,6,8	60	140	18	53	400	350	450	0	19	5	8	475	345	535	845

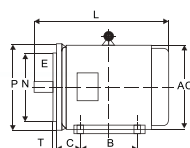


Y series Three Phase Induction Motor

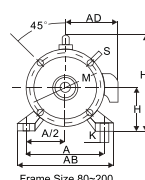
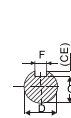
IM B35



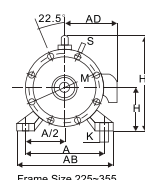
Frame Size 80-132



Frame Size 160-355



Frame Size 80-200

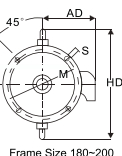
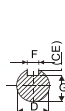


Frame Size 225-355

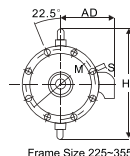
Y Series Mounting Dimensions IM B35

Frame	Poles	Mounting Dimensions																Frame Dimensions				
		A	B	C	D	E	F	G 1)	H	K 2)	M	N	P 3)	R 4)	S	T	Holes No.	AB	AC	AD	HD	L
80	2,4	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	175	150	175	290
90S	2,4,6	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	195	160	195	315
90L	2,4,6	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	195	160	195	340
100L	2,4,6	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	4	205	215	180	245	380
112M	2,4,6	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	4	245	240	190	265	400
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	4	280	275	210	315	475
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	4	280	275	210	315	515
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	4	330	335	265	385	605
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	4	330	335	265	385	650
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	4	355	380	285	430	670
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	4	355	380	285	430	710
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	4	395	420	315	475	775
225S	4,8	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5	8	435	475	345	530	820
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5	8	435	475	345	530	815
225M	4,6,8	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	8	435	475	345	530	845
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	8	490	515	385	575	930
250M	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	8	490	515	385	575	930
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	8	550	580	410	640	1000
280S	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5	8	550	580	410	640	1000
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5	8	550	580	410	640	1050
280M	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5	8	550	580	410	640	1050
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	744	645	576	865	1240
315S	4,6,8,10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	8	744	645	576	865	1270
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	744	645	576	865	1310
315M	4,6,8,10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	8	744	645	576	865	1340
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	8	744	645	576	865	1310
315L	4,6,8,10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	8	744	645	576	865	1340
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	680	1035	1540
355M	4,6,8,10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	680	1035	1570
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	740	750	680	1035	1540
355L	4,6,8,10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	740	750	680	1035	1570

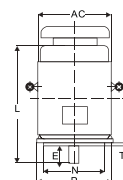
IM V1



Frame Size 180-200



Frame Size 225-355



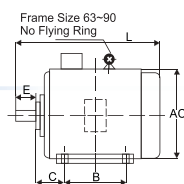
Y Series Mounting Dimensions IM V1

Frame	Poles	Mounting Dimensions											Frame Dimensions				
		D	E	F	G 1)	M	N	P 3)	R 4)	S	T	Holes No.	AC	AD	HF	L	
180M	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	285	500	730	
180L	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	285	500	770	
200L	2,4,6,8	55	110	16	49	350	300	400	0	19	5	4	420	315	550	850	
225S	4,8	60	140	18	53	400	350	450	0	19	5	8	475	345	610	910	
225M	2	55	110	16	49	400	350	450	0	19	5	8	475	345	610	905	
225M	4,6,8	60	140	18	53	400	350	450	0	19	5	8	475	345	610	935	
250M	2	60	140	18	53	500	450	550	0	19	5	8	515	385	650	1035	
250M	4,6,8	65	140	18	58	500	450	550	0	19	5	8	515	385	650	1035	
280S	2	65	140	18	58	500	450	550	0	19	5	8	580	410	720	1120	
280S	4,6,8	75	140	20	67.5	500	450	550	0	19	5	8	580	410	720	1120	
280M	2	65	140	18	58	500	450	550	0	19	5	8	580	410	720	1170	
280M	4,6,8	75	140	20	67.5	500	450	550	0	19	5	8	580	410	720	1170	
315S	2	65	140	18	58	600	550	660	0	24	6	8	645	576	900	1360	
315S	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	576	900	1390	
315M	2	65	140	18	58	600	550	660	0	24	6	8	645	576	900	1460	
315M	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	576	900	1490	
315L	2	65	140	18	58	600	550	660	0	24	6	8	645	576	900	1460	
315L	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	576	900	1490	
355	2	75	140	20	67.5	740	680	800	0	24	6	8	750	680	1035	1645	
355	4,6,8,10	95	170	25	86	740	680	800	0	24	6	8	750	680	1035	1675	

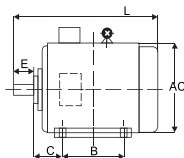
Y2 series Three Phase Induction Motor



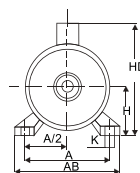
IM B3



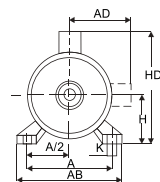
Frame Size 63~132



Frame Size 160~355



Frame Size 63~71

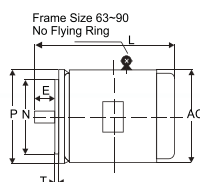


Frame Size 80~355

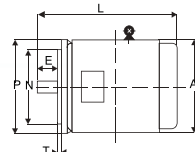
Y2 Series Mounting Dimensions IM B3

Frame	Poles	Mounting Dimensions										Frame Dimensions					
		A	B	C	D	E	F	G 1)	H	K 2)	AB	AC	AD	HD	L		
80	2,4	125	100	50	19	40	6	15.5	80	10	165	175	145	220	295		
90S	2,4,6	140	100	56	24	50	8	20	90	10	165	175	145	220	320		
90L	2,4,6	140	125	56	24	50	8	20	90	10	180	195	155	250	345		
100L	2,4,6	160	140	63	28	60	8	24	100	12	205	215	180	270	385		
112M	2,4,6	190	140	70	28	60	8	24	112	12	230	240	190	300	400		
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	270	275	210	345	470		
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	270	275	210	345	510		
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	320	330	255	420	615		
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	320	330	255	420	670		
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	355	380	280	455	700		
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	355	380	280	455	740		
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	395	420	305	505	770		
225S	4,8	356	286	149	60	140	18	53	225	19	435	470	335	560	815		
225M	2	356	311	149	55	110	16	49	225	19	435	470	335	560	820		
225M	4,6,8	356	311	149	60	140	18	53	225	19	435	470	335	560	845		
250M	2	406	349	168	60	140	18	53	250	24	490	510	370	615	910		
250M	4,6,8	406	349	168	65	140	18	58	250	24	490	510	370	615	910		
280S	2	457	368	190	65	140	18	58	280	24	550	580	410	680	985		
280S	4,6,8	457	368	190	75	140	20	67.5	280	24	550	580	410	680	985		
280M	2	457	419	190	65	140	18	58	280	24	550	580	410	680	1035		
280M	4,6,8	457	419	190	75	140	20	67.5	280	24	550	580	410	680	1035		
315S	2	508	406	216	65	140	18	58	315	28	635	645	530	845	1185		
315S	4,6,8,10	508	406	216	80	170	22	71	315	28	635	645	530	845	1215		
315M	2	508	457	216	65	140	18	58	315	28	635	645	530	845	1295		
315M	4,6,8,10	508	457	216	80	170	22	71	315	28	635	645	530	845	1325		
315L	2	508	508	216	65	140	18	58	315	28	635	645	530	845	1295		
315L	4,6,8,10	508	508	216	80	170	22	71	315	28	635	645	530	845	1325		
355M	2	610	560	254	75	140	20	67.5	355	28	730	710	655	1010	1500		
355M	4,6,8,10	610	560	254	95	170	25	86	355	28	730	710	655	1010	1530		
355L	2	610	630	254	75	140	20	67.5	355	28	730	710	655	1010	1500		
355L	4,6,8,10	610	630	254	95	170	25	86	355	28	730	710	655	1010	1530		

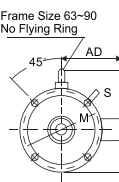
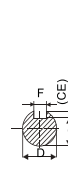
IM B5



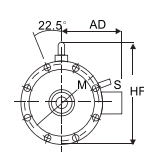
Frame Size 63~132



Frame Size 160~280



Frame Size 63~200



Frame Size 225~280

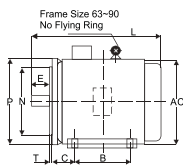
Y2 Series Mounting Dimensions IM B5

Frame	Poles	Mounting Dimensions										Holes No.	Frame Dimensions			
		D	E	F	G 1)	M	N	P 3)	R 4)	S	T		AC	AD	HF	L
80	2,4,6,8	19	40	6	15.5	165	130	200	0	12	3.5	4	175	145	185	295
90S	2,4,6,8	24	50	8	20	165	130	200	0	12	3.5	4	195	155	195	320
90L	2,4,6,8	24	50	8	20	165	130	200	0	12	3.5	4	195	155	195	345
100L	2,4,6,8	28	60	8	24	215	180	250	0	15	4	4	215	180	245	385
112M	2,4,6,8	28	60	8	24	215	180	250	0	15	4	4	240	190	265	400
132S	2,4,6,8	38	80	10	33	265	230	300	0	15	4	4	275	210	315	470
132M	2,4,6,8	38	80	10	33	265	230	300	0	15	4	4	275	210	315	510
160M	2,4,6,8	42	110	12	37	300	250	350	0	19	5	4	330	255	385	615
160L	2,4,6,8	42	110	12	37	300	250	350	0	19	5	4	330	255	385	670
180M	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	430	700
180L	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	430	740
200L	2,4,6,8	55	110	16	49	350	300	400	0	19	5	4	420	305	480	770
225S	4,8	60	140	18	53	400	350	450	0	19	5	8	470	335	535	815
225M	2	55	110	16	49	400	350	450	0	19	5	8	470	335	535	820
225M	4,6,8	60	140	18	53	400	350	450	0	19	5	8	470	335	535	845
250M	2	60	140	18	53	500	450	550	0	19	5	8	510	370	595	910
250M	4,6,8	65	140	18	58	500	450	550	0	19	5	8	510	370	595	910
280S	2	65	140	18	58	500	450	550	0	19	5	8	580	410	650	985
280S	4,6,8	75	140	20	67.5	500	450	550	0	19	5	8	580	410	650	985
280M	2	65	140	18	58	500	450	550	0	19	5	8	580	410	650	1035
280M	4,6,8	75	140	20	67.5	500	450	550	0	19	5	8	580	410	650	1035

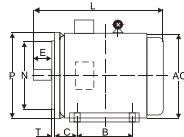


Y2 series Three Phase Induction Motor

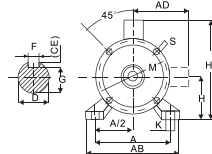
IM B35



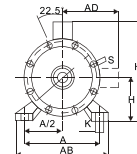
Frame Size 63~132



Frame Size 160~355



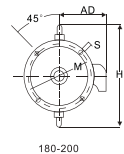
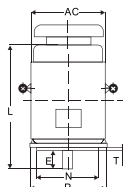
Frame Size 63~200



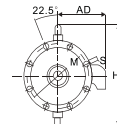
Frame Size 225~355

Y2 Series Mounting Dimensions IM B35

Frame	Poles	Mounting Dimensions														Frame Dimensions						
		A	B	C	D	E	F	G 1)	H	K 2)	M	N	P 3)	R 4)	S	T	Holes No.	AB	AC	AD	HD	L
80	2,4	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	4	165	175	145	220	295
90S	2,4,6	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	195	155	250	320
90L	2,4,6	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	4	180	195	155	250	345
100L	2,4,6	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	4	205	215	180	270	385
112M	2,4,6	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	4	230	240	190	300	400
132S	2,4,6,8	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	4	270	275	210	345	470
132M	2,4,6,8	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	4	270	275	210	345	510
160M	2,4,6,8	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	4	320	330	255	420	615
160L	2,4,6,8	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	4	320	330	255	420	670
180M	2,4,6,8	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	4	355	380	280	455	700
180L	2,4,6,8	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	4	355	380	280	455	740
200L	2,4,6,8	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	4	395	420	305	505	770
225S	4,8	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5	8	435	470	335	560	815
225M	2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5	8	435	470	335	560	820
225M	4,6,8	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	8	435	470	335	560	845
250M	2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	8	490	510	370	615	910
250M	4,6,8	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	8	490	510	370	615	910
280S	2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	8	550	580	410	680	985
280S	4,6,8	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5	8	550	580	410	680	985
280M	2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5	8	550	580	410	680	1035
280M	4,6,8	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5	8	550	580	410	680	1035
315S	2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1185
315S	4,6,8,10	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	8	635	645	530	845	1215
315M	2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1295
315M	4,6,8,10	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	8	635	645	530	845	1325
315L	2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	8	635	645	530	845	1295
315L	4,6,8,10	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	8	635	645	530	845	1325
355M	2	610	560	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	730	710	655	1010	1500
355M	4,6,8,10	610	560	254	95	170	25	86	355	28	740	680	800	0	24	6	8	730	710	655	1010	1530
355L	2	610	630	254	75	140	20	67.5	355	28	740	680	800	0	24	6	8	730	710	655	1010	1500
355L	4,6,8,10	610	630	254	95	170	25	86	355	28	740	680	800	0	24	6	8	730	710	655	1010	1530



180-200



225-355

Y2 Series Mounting Dimensions IM V1

Frame	Poles	Mounting Dimensions										Frame Dimensions					
		D	E	F	G 1)	M	N	P 3)	R 4)	S	T	Holes No.	AC	AD	HF	L	
180M	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	500	760	
180L	2,4,6,8	48	110	14	42.5	300	250	350	0	19	5	4	380	280	500	800	
200L	2,4,6,8	55	110	16	49	350	300	400	0	19	5	4	420	305	550	840	
225S	4,8	60	140	18	53	400	350	450	0	19	5	8	470	335	610	905	
225M	2	55	110	16	49	400	350	450	0	19	5	8	470	335	610	910	
225M	4,6,8	60	140	18	53	400	350	450	0	19	5	8	470	335	610	935	
250M	2	60	140	18	53	500	450	550	0	19	5	8	510	370	650	1015	
250M	4,6,8	65	140	18	58	500	450	550	0	19	5	8	510	370	650	1015	
280S	2	65	140	18	58	500	450	550	0	19	5	8	580	410	720	1110	
280S	4,6,8	75	140	20	67.5	500	450	550	0	19	5	8	580	410	720	1110	
280M	2	65	140	18	58	500	450	550	0	19	5	8	580	410	720	1150	
280M	4,6,8,10	75	140	20	67.5	500	450	550	0	19	5	8	580	410	720	1150	
315S	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1280	
315S	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1510	
315M	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1310	
315M	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1430	
315L	2	65	140	18	58	600	550	660	0	24	6	8	645	530	900	1310	
315L	4,6,8,10	80	170	22	71	600	550	660	0	24	6	8	645	530	900	1430	
355M	2	75	140	20	67.5	740	680	800	0	24	6	8	710	655	1010	1640	
355M	4,6,8,10	95	170	25	86	740	680	800	0	24	6	8	710	655	1010	1670	
355L	2	75	140	20	67.5	740	680	800	0	24	6	8	710	655	1010	1640	
355L	4,6,8,10	95	170	25	86	740	680	800	0	24	6	8	710	655	1010	1670	

The note for:

- 1) G=D-GE. The limit of deviation in GE is (+0.10 0) for frame No. up to 80, the rest is (+0.20 0)
- 2) The position tolerance for hole K is based on the axis of shaft extension.
- 3) Dimension P is the maximum limit value
- 4) R is the distance from the matching surface of flange to the shoulder of shaft extension.