



Y SERIES THREE-PHASE INDUCTION MOTOR

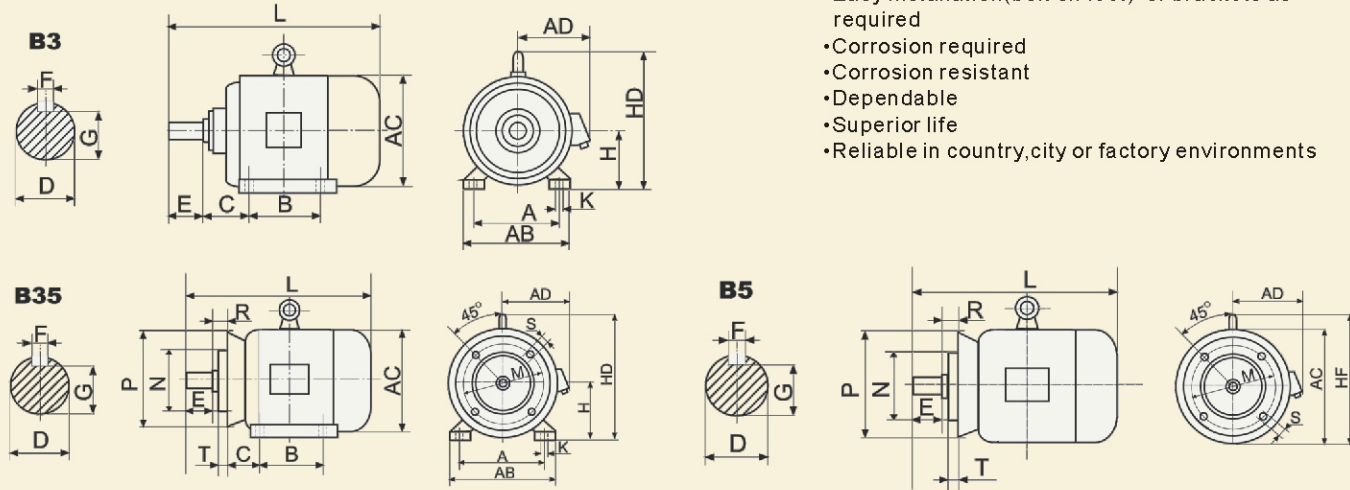


MOTOR FEATURES

- Utilise IP55 enclosures, others request
- Multiple feet locations
- Aluminum frame, end shields and base
- High strength cable gland
- Shaft key and protector supplied
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made with stainless S1 duty
- Utilise Vacuum impregnated Class B or class F insulation
- High performance and efficiency

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy installation(bolt on feet) or brackets as required
- Corrosion required
- Corrosion resistant
- Dependable
- Superior life
- Reliable in country, city or factory environments



INSTALLTION SIZE AND OVERALL DIMENSION

Frame No	Installation Size												Overall Dimension							
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
Y80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	290
Y90S	140	100	56	24	50	8	20	90	10	165	130	200		12	3.5	180	195	160	195	315
Y90L	140	125	56	24	50	8	20	90	10	165	130	200		12	3.5	180	195	160	195	340
Y100L	160	140	70	28	60	8	24	100	12	215	180	250		15	4.0	205	215	180	245	380
Y112M	190	140	70	28	60	8	24	112	12	215	180	250		15	4.0	245	240	190	265	400
Y132S	216	140	89	38	80	10	33	132	12	265	230	300		15	4.0	280	275	210	315	475
Y132M	216	178	89	38	80	10	33	132	12	265	230	300		15	4.0	280	275	210	315	515
Y160M	245	210	108	42	110	12	37	160	15	300	250	350		19	5.0	325	325	255	385	600
Y160L	245	254	108	42	110	12	37	160	15	300	250	350		19	5.0	325	325	255	385	645
Y180M	279	241	121	48	110	14	42.5	180	15	300	250	350		19	5.0	355	360	285	430	670
Y180L	279	279	121	48	110	14	42.5	180	15	300	250	350		19	5.0	355	360	285	430	710
Y200L	318	305	133	55	110	16	49	200	19	350	300	400		19	5.0	395	400	310	475	775
Y225S	356	286	149	60	110	18	53	225	19	400	350	450		19	5.0	435	470	345	520	820
Y225M-2	356	311	149	55	110	16	49	225	19	400	350	450		19	5.0	435	470	345	520	815
Y225M	356	311	149	60	140	18	53	225	19	400	350	450		19	5.0	435	470	345	520	845
Y250M-2	406	349	168	60	140	18	53	250	24	500	450	550		19	5.0	490	515	385	575	930
Y250M	406	349	168	65	140	18	58	250	24	500	450	550		19	5.0	490	515	385	575	930
Y280S-2	457	368	190	65	140	18	58	280	24	500	450	550		19	5.0	550	585	410	640	1000
Y280	457	368	190	75	140	20	67.5	280	24	500	450	550		19	5.0	550	585	410	640	1000
Y280M-2	457	419	190	65	140	18	58	280	24	500	450	550		19	5.0	550	585	410	640	1050
Y280M	457	419	190	75	140	20	67.5	280	24	500	450	550		19	5.0	550	585	410	640	1050
Y315S-2	508	406	216	65	140	18	58	315	28	600	550	660		24	6.0	744	645	576	865	1240
Y315S	508	406	216	80	170	22	71	315	28	600	550	660		24	6.0	744	645	576	865	1270
Y315M-2	508	457	216	65	140	18	58	315	28	600	550	660		24	6.0	744	645	576	865	1310
Y315	508	457	216	80	170	22	71	315	28	600	550	660		24	6.0	744	645	576	865	1340
Y315L-2	508	508	216	65	140	18	58	315	28	600	550	660		24	6.0	744	645	576	865	1310
Y315L	508	508	216	80	170	22	71	315	28	600	550	660		24	6.0	744	645	576	865	1340

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Model	Rated Output		Full Load				Ist/In Locked current	Tst/Tn Locked torque	TM/IN max torque	Net Weight (B3) Kg
	KW	HP	Speed (r. m. p)	Current (A)	Eff. (%)	Power factor (cos)	Rated Current	Rated Current	Rated Current	
380V 50HZ Synchronous Speed 3000r/min(2poles)										
Y801-2	0.75	1	2830	1.81	75	0.84	6.5	2.2	2.3	17
Y802-2	1.1	1.5	2830	2.52	77	0.86	7.0	2.2	2.3	18
Y90S-2	1.5	2	2840	3.44	78	0.85	7.0	2.2	2.3	22
Y90L-2	2.2	3	2840	4.83	80.5	0.86	7.0	2.2	2.3	26
Y100L-2	3.0	4	2870	6.39	82	0.87	7.0	2.2	2.3	35
Y112M-2	4.0	5.5	2890	8.17	85.5	0.88	7.0	2.2	2.3	45
Y132S1-2	5.5	7.5	2900	11.1	85.5	0.88	7.0	2.0	2.3	67
Y132S2-2	7.5	10	2900	15.0	86.2	0.88	7.0	2.0	2.3	71
Y160M1-2	11	15	2930	21.8	87.2	0.88	7.0	2.0	2.3	118
Y160M2-2	15	20	2930	29.4	88.2	0.88	7.0	2.0	2.3	130
Y160L-2	18.5	25	2930	35.5	89	0.89	7.0	2.0	2.2	150
Y180M-2	22	30	2940	42.2	89	0.89	7.0	2.0	2.2	175
Y200L1-2	30	40	2950	56.9	90	0.89	7.0	2.0	2.2	227
Y200L2-2	37	50	2950	69.8	90.5	0.89	7.0	2.0	2.2	255
Y225M-2	45	60	2970	83.9	91.5	0.89	7.0	2.0	2.2	320
Y250M-2	55	75	2970	103	91.5	0.89	7.0	2.0	2.2	389
Y280S-2	75	100	2970	139	92	0.89	7.0	2.0	2.2	520
Y280M-2	90	125	2970	166	92.5	0.89	7.0	2.0	2.2	577
Y315S-2	110	150	2980	203	92.5	0.89	6.8	1.8	2.2	980
Y315M-2	132	180	2980	242	93	0.89	6.8	1.8	2.2	1080
Y315L1-2	160	220	2980	292	93.5	0.89	6.8	1.8	2.2	1160
Y315L2-2	200	270	2980	365	93.5	0.89	6.8	1.8	2.2	1210
Y355M-2	250	340	2980	444	94.5	0.90	7.0	1.2	2.2	1760
Y355L-2	315	430	2980	556	95	0.90	7.1	1.2	2.2	1900
380V 50HZ Synchronous Speed 1500r/min(4 poles)										
Y801-4	0.55	0.75	1390	1.51	73	0.76	6.0	2.4	2.3	17
Y802-4	0.75	1	1390	2.01	74.5	0.76	6.0	2.3	2.3	18
Y90S-4	1.1	1.5	1400	2.75	78	0.78	6.5	2.3	2.3	23
Y90L-4	1.5	2	1400	3.65	79	0.79	6.5	2.3	2.3	27
Y100L1-4	2.2	3	1430	5.03	81	0.82	7.0	2.2	2.3	35
Y100L2-4	3.0	4	1430	6.82	82.5	0.81	7.0	2.2	2.3	38
Y112M-4	4.0	5.5	1440	8.77	84.5	0.82	7.0	2.2	2.3	49
Y132S-4	5.5	7.5	1440	11.6	85.5	0.84	7.0	2.2	2.3	67
Y132M-4	7.5	10	1440	15.4	87	0.85	7.0	2.2	2.3	80
Y160M-4	11	15	1460	22.6	88	0.84	7.0	2.2	2.3	124
Y160L-4	15	20	1460	30.3	88.5	0.85	7.0	2.2	2.3	147
Y180M-4	18.5	25	1470	35.9	91	0.86	7.0	2.0	2.2	169
Y180L-4	22	30	1470	42.5	91.5	0.86	7.0	2.0	2.2	184
Y200L-4	30	40	1470	56.8	92.2	0.87	7.0	2.0	2.2	241
Y225S-4	37	50	1480	70.4	91.8	0.87	7.0	1.9	2.2	300
Y225M-4	45	60	1480	84.2	92.3	0.88	7.0	1.9	2.2	330
Y250M-4	55	75	1480	103	92.6	0.88	7.0	2.0	2.2	400
Y280S-4	75	100	1480	140	92.7	0.88	7.0	1.9	2.2	546
Y280M-4	90	125	1480	164	93.5	0.89	7.0	1.9	2.2	620
Y315S-4	110	150	1480	201	93.5	0.89	6.8	1.8	2.2	1000
Y315M-4	132	180	1490	240	94	0.89	6.8	1.8	2.2	1100
Y315L1-4	160	220	1490	289	94.5	0.89	6.8	1.8	2.2	1140
Y315L2-4	200	270	1490	361	94.5	0.89	6.8	1.8	2.2	1190
Y355M-4	250	340	1485	459	94.7	0.87	6.8	1.4	2.2	1800
Y355L-4	315	430	1485	576	95.2	0.87	6.9	1.4	2.2	1940
380V 50HZ Synchronous Speed 1000r/min(6poles)										
Y90S-6	0.75	1	910	2.25	72.5	0.70	5.5	2.0	2.2	23
Y90L-6	1.1	1.5	910	3.16	73.5	0.72	5.5	2.0	2.2	25
Y100L-6	1.5	2	940	3.97	77.5	0.74	6.0	2.0	2.2	33
Y112M-6	2.2	2.2	940	5.61	80.5	0.74	6.0	2.0	2.2	45
Y132S-6	3.0	4	960	7.23	83	0.76	6.5	2.0	2.2	63
Y132M1-6	4.0	5.5	960	9.40	84	0.77	6.5	2.0	2.2	73
Y132M2-6	5.5	7.5	960	12.6	85.3	0.78	6.5	2.0	2.2	84
Y160M-6	7.5	10	970	17.0	86	0.78	6.5	2.0	2.0	119
Y160L-6	11	15	970	24.6	87	0.78	6.5	2.0	2.0	147
Y180L-6	15	20	970	31.4	89.5	0.81	6.5	1.8	2.0	181
Y200L1-6	18.5	25	970	37.7	89.8	0.83	6.5	1.8	2.0	215
Y200L2-6	22	30	970	44.6	90.2	0.83	6.5	1.8	2.0	235
Y225M-6	30	40	980	59.5	90.2	0.85	6.5	1.7	2.0	294
Y250M-6	37	50	980	72	90.8	0.86	6.5	1.8	2.0	300
Y280S-6	45	60	980	85.4	92	0.87	6.5	1.8	2.0	506
Y280M-6	55	75	980	104	92	0.87	6.5	1.8	2.0	553
Y315S-6	75	100	990	141	92.8	0.87	6.5	1.6	2.0	990
Y315M-6	90	125	990	169	93.2	0.87	6.5	1.6	2.0	