

THREE PHASE ELECTRIC MOTOR

Y Series:

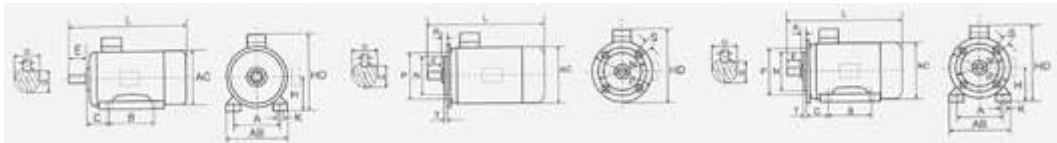
Y series motor is totally enclosed and fan-cooling, three-phase squirrel cage induction motor, that is newly designed in conformity with the relevant requirements of IEC standards.

Y series motors have outstanding performance, such as high efficiency, energy-saving, high starting torque, low noise, little vibration, reliable operation and easy maintenance, etc.

Y series motors are widely used in many places, where there doesn't exist combustible, explosive or corrosive gas, and without any special requirements, such as machine tools, pumps, fans, transport machinery, mixer, agriculture machinery and food machines, etc.



Protection type:IP44
Insulation class:B
Cooling type:IC0141
Rated
frequency:50Hz



OVERALL & INSTALLATION DIMENSIONS

Frame Size	Mounting Dimensions (mm)														Overall Dimensions (mm)						
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	HF	L
Y80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	185	290
Y90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	195	315
Y90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	195	340
Y100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	245	245	380
Y112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	245	240	190	265	265	400
Y132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	315	475
Y132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	315	515
Y160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	325	325	255	385	385	600
Y160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	325	325	255	385	385	645
Y180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	285	430	430	670
Y180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	285	430	430	710
Y200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	395	420	315	475	480	775
Y225S	356	286	149	60	140	18	49	225	19	400	350	450	0	19	5	435	475	345	530	535	820
Y225M-2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5	435	475	345	530	535	815

Y225M	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	435	475	345	530	535	845
Y250M-2	406	349	168	60	140	18	55	250	24	500	450	550	0	19	5	490	515	385	575	.	930
Y250M	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	490	515	385	575	.	930

TECHNICAL DATA

TYPE	Output		Voltage (V)	Current (A)	Speed (r.p.m)	Eff(%)	Power factor	Start torque Rated torque	Start current Rated current	Max. torque Rated torque
	HP	kW								
Y801-2	1	0.75	380	1.8	2830	75.0	0.84	2.2	6.5	2.3
Y802-2	1.5	1.1	380	2.5	2830	77.0	0.86	2.2	7.0	2.3
Y90S-2	2	1.5	380	3.4	2840	78.0	0.85	2.2	7.0	2.3
Y90L-2	3	2.2	380	4.8	2840	80.5	0.86	2.2	7.0	2.3
Y100L-2	4	3	380	6.4	2870	82.0	0.87	2.2	7.0	2.3
Y112M-2	5.5	4	380	8.2	2890	85.5	0.87	2.2	7.0	2.3
Y132S1-2	7.5	5.5	380	11.2	2900	85.5	0.88	2.0	7.0	2.3
Y132S2-2	10	7.5	380	15.0	2900	86.2	0.88	2.0	7.0	2.3
Y160M1-2	15	11	380	21.8	2930	87.2	0.88	2.0	7.0	2.3
Y160M2-2	20	15	380	29.4	2930	88.2	0.88	2.0	7.0	2.3
Y160L-2	25	18.5	380	35.5	2930	89.0	0.89	2.0	7.0	2.2
Y180M-2	30	22	380	42.2	2940	89.0	0.89	2.0	7.0	2.2
Y200L1-2	40	30	380	56.9	2950	90.0	0.89	2.0	7.0	2.2
Y200L2-2	50	37	380	69.8	2950	90.5	0.89	2.0	7.0	2.2
Y225M-2	60	45	380	83.9	2970	91.5	0.89	2.0	7.0	2.2
Y250M-2	75	55	380	103	2970	91.5	0.89	2.0	7.0	2.2
Y280S-2	100	75	380	140	2970	91.5	0.89	2.0	7.0	2.2
Y280M-2	125	90	380	167	2970	92	0.89	2.0	7.0	2.2
Y315S-2	150	110	380	200	2980	93	0.9	1.8	7.0	2.2
Y315M-2	180	132	380	237	2980	94	0.9	1.8	7.0	2.2
Y801-4	0.75	0.55	380	1.5	1390	73.0	0.76	2.4	6.0	2.3
Y802-4	1	0.75	380	2.0	1390	74.5	0.76	2.3	6.0	2.3
Y90S-4	1.5	1.1	380	2.8	1400	78.0	0.78	2.3	6.5	2.3
Y90L-4	2	1.5	380	3.7	1400	79.0	0.79	2.3	6.5	2.3
Y100L1-4	3	2.2	380	5.0	1430	81.0	0.82	2.2	7.0	2.3
Y100L2-4	4	3	380	6.8	1430	82.5	0.81	2.2	7.0	2.3
Y112M-4	5.5	4	380	8.8	1440	84.5	0.82	2.2	7.0	2.3
Y132S-4	7.5	5.5	380	11.7	1440	85.5	0.84	2.2	7.0	2.3
Y132M-4	10	7.5	380	15.4	1440	87.0	0.85	2.2	7.0	2.3
Y160M-4	15	11	380	22.6	1460	88.0	0.84	2.2	7.0	2.3
Y160L-4	20	15	380	30.3	1460	88.5	0.85	2.2	7.0	2.3
Y180M-4	25	18.5	380	35.9	1470	91.0	0.86	2.0	7.0	2.2
Y180L-4	30	22	380	42.5	1470	91.5	0.86	2.0	7.0	2.2
Y200L-4	40	30	380	56.8	1470	92.2	0.87	2.0	7.0	2.2
Y225S-4	50	37	380	70.4	1470	91.8	0.87	1.9	7.0	2.2
Y225M-4	60	45	380	84.2	1470	92.3	0.88	1.9	7.0	2.2
Y250M-4	75	55	380	103	1480	92.6	0.88	2.0	7.0	2.2
Y280S-4	100	75	380	140	1480	92.7	0.88	1.9	7.0	2.2
Y280M-4	125	90	380	164	1480	93.6	0.89	1.9	7.0	2.2
Y315S-4	150	110	380	201	1480	93.5	0.89	1.8	7.0	2.2

Y315M-4	180	132	380	241	1490	93.5	0.89	1.8	7.0	2.2
Y90S-6	1	0.75	380	2.3	910	72.5	0.70	2.0	5.5	2.2
Y90L-6	1.5	1.1	380	3.2	910	73.5	0.72	2.0	5.5	2.2
Y100L-6	2	1.5	380	4.0	940	77.5	0.74	2.0	6.0	2.2
Y112M-6	3	2.2	380	5.6	940	80.5	0.74	2.0	6.0	2.2
Y132S-6	4	3	380	7.2	960	83.0	0.76	2.0	6.5	2.2
Y132M1-6	5.5	4	380	9.4	960	84.0	0.77	2.0	6.5	2.2
Y132M2-6	7.5	5.5	380	12.6	960	85.3	0.78	2.0	6.5	2.2
Y160M-6	10	7.5	380	17.0	970	86.0	0.78	2.0	6.5	2.0
Y160L-6	15	11	380	24.6	970	87.0	0.78	2.0	6.5	2.0
Y180L-6	20	15	380	31.4	970	89.5	0.81	1.8	6.5	2.0
Y200L1-6	25	18.5	380	37.7	970	89.8	0.83	1.8	6.5	2.0
Y200L2-6	30	22	380	44.6	970	90.2	0.83	1.8	6.5	2.0
Y225M-6	40	30	380	59.5	970	90.2	0.85	1.7	6.5	2.0
Y250M-6	50	37	380	72	980	90.8	0.86	1.8	6.5	2.0
Y280S-6	60	45	380	85	980	92.0	0.87	1.8	6.5	2.0
Y280M-6	75	55	380	104	980	92.0	0.87	1.8	6.5	2.0
Y315S-6	100	75	380	141	990	93.0	0.87	1.6	6.5	2.0
Y315M-6	125	90	380	168	990	93.5	0.87	1.6	6.5	2.0