

# YC-A/YCL-A SERIES HEAVY DUTY SINGLE-PHASE CAPACITOR START ASYNCHRONOUS MOTORS

ISO9001:2000



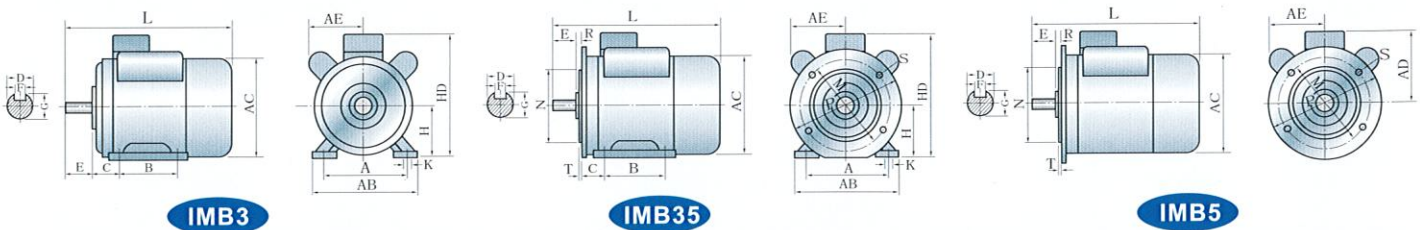
## TECHNICAL DATA (240V,50Hz)

Model	Power		Full Load Current (A)	Speed (r.p.m.)	Eff. (%)	Power factor	Torque Full Load (kg.m)	Starting Torque Rated Torque	Starting Current Rated Current	Weight (kg)
	HP	kW								
YC-A80A-2	1/2	0.37	3.6	2880	62	0.73	0.127	2.8	6.5	10
YC-A80B-2	3/4	0.55	5.3	2880	65	0.73	0.188	2.8	6.5	11
YC-A80C-2	1	0.75	6.7	2880	68	0.75	0.26	2.4	6.5	13
YC-A90S-2	1.5	1.1	7.7	2880	73.2	0.80	0.37	2.8	6.0	17
YC-A90L-2	2	1.5	10.5	2900	74	0.81	0.51	2.8	7.0	22
YC-A100L-2	3	2.2	14	2900	78.8	0.81	0.74	3.0	6.5	29
YC-A80A-4	1/3	0.25	3.3	1450	56	0.60	0.168	2.8	6	10
YC-A80B-4	1/2	0.37	4.3	1450	60	0.62	0.255	2.8	6	11
YC-A80C-4	3/4	0.55	5.8	1450	64	0.65	0.38	2.8	6	13
YC-A90S-4	1	0.75	6.5	1450	68	0.73	0.51	2.8	6.5	17
YC-A90L-4	1.5	1.1	8.6	1450	71	0.74	0.75	2.5	6.0	22
YC-A100L-4	2	1.5	10.4	1450	73	0.75	1.0	2.8	7.0	29
YC-A112M1-4	4	3	18.4	1450	75	0.77	1.47	2.1	6.0	40
YC-A112M2-4	5	3.7	22.4	1450	76	0.79	2.5	2.1	6.0	45
YC-A132SA-4	4	3	25.2	1450	77	0.80	2.1	2.1	6.5	55
YC-A132SB-4	5	3.7	30	1450	79	0.82	2.54	2.1	6.5	60
YC-A132M1-4	7.5	5.5	32.5	1450	83	0.85	3.78	2.0	6.5	64
YC-A132M2-4	10	7.5	40	1450	85	0.88	5.1	2.0	6.5	67

## TECHNICAL DATA (240V,50Hz)

Model	Power		Full Load Current (A)	Speed (r.p.m.)	Eff. (%)	Power factor	Torque Full Load (kg.m)	Starting Torque Rated Torque	Starting Current Rated Current	Weight (kg)
	HP	kW								
YCL-A80A-2	1/2	0.37	2.5	2880	67	0.92	0.127	2.8	6.5	11
YCL-A80B-2	3/4	0.55	3.6	2880	70	0.92	0.188	2.8	6.5	12
YCL-A80C-2	1	0.75	4.2	2880	72	0.95	0.26	2.4	6.5	14
YCL-A90S-2	1.5	1.1	5.3	2880	75	0.95	0.37	2.8	6.0	18
YCL-A90L-2	2	1.5	8.5	2900	76	0.95	0.51	2.8	7.0	23
YCL-A100L-2	3	2.2	12.6	2900	78	0.96	0.74	3.0	6.5	32
YCL-A80A-4	1/3	0.25	1.8	1450	62	0.92	0.168	2.8	6	11
YCL-A80B-4	1/2	0.37	2.6	1450	65	0.92	0.255	2.8	6	12
YCL-A80C-4	3/4	0.55	3.7	1450	69	0.92	0.38	2.8	6	14
YCL-A90S-4	1	0.75	5	1450	73.3	0.94	0.51	2.8	6.5	13
YCL-A90L-4	1.5	1.1	7.6	1400	71	0.95	0.75	2.5	6.0	16
YCL-A100L-4	2	1.5	8.7	1440	79.4	0.95	1.0	2.6	7.0	32
YCL-A112M-4	3	2.2	11.5	1450	81.6	0.95	1.47	2.2	6.5	37

## 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	AE	HD	L
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	120	110	200	310
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	140	120	240	355
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	140	120	240	385
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	145	130	260	415
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	160	140	300	440
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	150	350	470