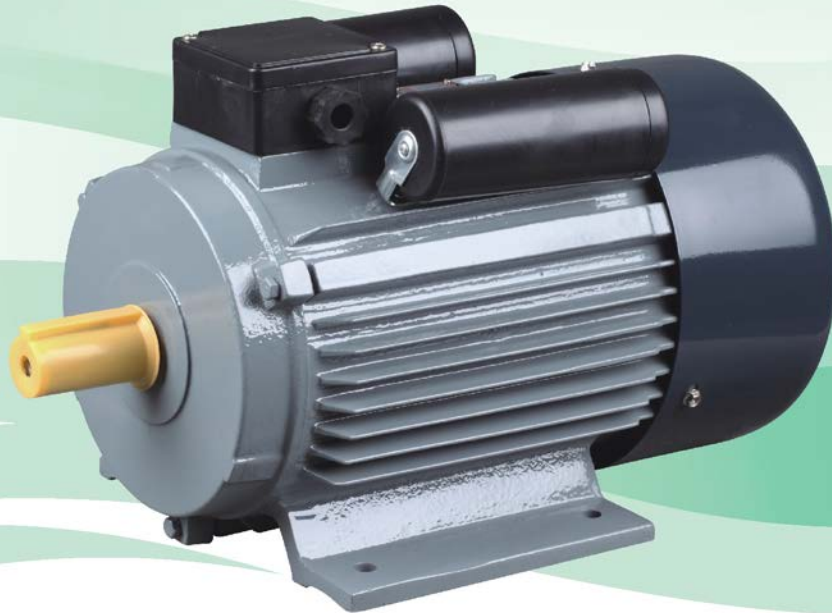


YC SERIES

HEAVY-DUTY SINGLE-PHASE CAPACITOR START MOTOR



YC series motors are totally enclosed fan cooled (TEFC) heavy-duty single-phase capacitor start induction motors. It is available for driving small size machine equipment.

Features: quiet operation, low vibration, low power consumption, simple construction

Applications: air-compressor, pumps, fans, agriculture equipment, farming machine, building service, manufacturing industry, small machines, etc.

RANGE OF PERFORMANCE

Frame Size: H80~H132

Rated Power Range: 0.37KW ~ 3.7KW

OPERATING CONDITIONS

Ambient Temperature: $-15^{\circ}\text{C} \leq \theta \leq 40^{\circ}\text{C}$

Above Sea Level: not exceed 1000m

Rated Voltage: 220V, 110V ~ 240V is available

Rated Frequency: 50Hz or 60Hz

Insulation Class: Class B/F

Protection Class: IP44/54

Duty: S1

TECHNICAL DATA

TYPE	Output		Current(A)		Speed (r/min)	Eff (%)	Power Factor	Ist/in	Tstart/Tn	Tmax/Tn
	KW	HP	380V	400V						
YC80A-2	0.37	0.5	380	400	2840	65	0.77	6.5	2.8	1.8
YC80B-2	0.55	0.75	380	400	2860	68	0.79	6.5	2.8	1.8
YC80C-2	0.75	1	380	400	2880	70	0.8	6.5	2.5	1.8
YC90S-2	1.1	1.5	380	400	2900	72	0.8	7	2.5	1.8
YC90L-2	1.5	2	380	400	2920	74	0.81	7	2.5	1.8
YC100-2	2.2	3	380	400	2940	75	0.81	7	2.2	1.8
YC80A-4	0.25	0.35	380	400	1410	58	0.63	6	2.8	1.8
YC80B-4	0.37	0.5	380	400	1420	62	0.64	6	2.5	1.8
YC80C-4	0.55	0.75	380	400	1430	66	0.69	6	2.5	1.8
YC90S-4	0.75	1	380	400	1440	68	0.73	6.5	2.5	1.8
YC90L-4	1.1	1.5	380	400	1450	71	0.74	6.5	2.5	1.8
YC100-4	1.5	2	380	400	1460	73	0.75	6.5	2.2	1.8
YC112M-4	2.2	3	380	400	1470	74	0.76	6.5	2.2	1.8
YC132SA-4	3	4	380	400	1480	75	0.77	6	2.2	1.8
YC132SB	3.7	5	380	400	1480	76	0.79	6	2.2	1.8