

YCL SERIES

HEAVY~DUTY SINGLE-PHASE CAPACITOR START AND RUN MOTOR



YCL 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: H90~H132

Rated Power Range: 1.5KW ~ 5KW

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						
YCL90S-2	1.1	1.5	380	400	2880	73.2	0.95	6	2.8	1.8
YCL90L-2	1.5	2	380	400	2900	76	0.97	7	2.8	1.8
YCL100L-2	2.2	3	380	400	2900	78.8	0.96	6.5	3	1.8
YCL90S-4	0.75	1	380	400	1450	73.3	0.93	6.5	2.8	1.8
YCL90L-4	1.1	1.5	380	400	1450	75	0.9	6	2.5	1.8
YCL100L-4	1.5	2	380	400	1450	79.4	0.92	7	2.8	1.8
YCL112M-4	2.2	3	380	400	1450	81.6	0.9	6.5	2.3	1.8
YCL132SA-4	3	4	380	400	1450	83.2	0.9	6.5	2.1	1.8
YCL132SB-4	3.7	5	380	400	1450	84.9	0.9	6.5	2.1	1.8