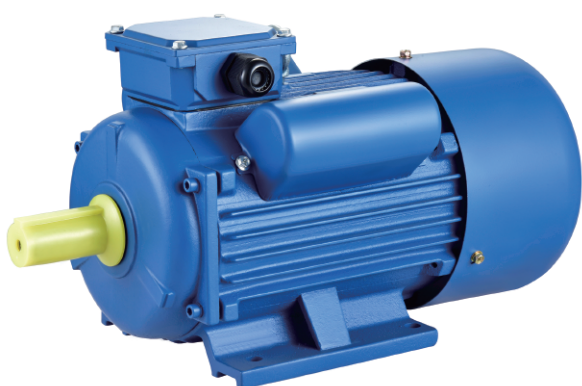
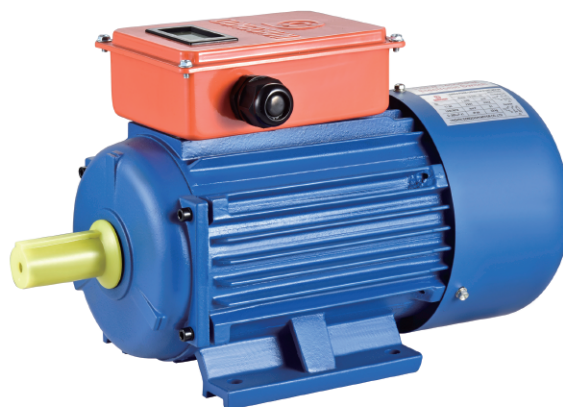


YC 系列单相电容启动异步电动机

YC SERIES SINGLE PHASE CAPACITOR START INDUCTION MOTOR



Mechanical switch Type



Electronic switch Type

产品介绍 PRODUCT INTRODUCTION

YC系列电机是全封闭风冷大马力单相异步电机，配启动电容。

此款电机起动转矩大，平滑运转，低温升，低噪声，过载能力强，适用带动空压机、水泵、小型吊机、搅拌机 etc 仅有单相电流供应的场合使用。

YC series motors are fully enclosed air-cooled high-horsepower single-phase asynchronous motors with starting capacitors. This motor has large starting torque, smooth operation, low temperature rise, low noise, strong overload capacity, suitable for driving air compressors, water pumps, small cranes, mixers and other only single-phase current supply occasions.

使用条件

YC 配启动电容

机座号: H80-H132

外壳材料: 铸铁

额定电压: 220V+5% 50Hz

(按要求也可以生产60HZ)

防护等级: IP44

绝缘等级: F级

冷却方式: IC411

工作制: S1

环境温度: -15℃ ~ +40℃

海拔: 不超过1000米

OPERATING CONDITIONS

YC Series with starting capacitors.

Frame Size: H80-132

House Material: Cast iron

Rated Voltage: 220v+5%, 50Hz

60Hz is available on request

Protection Class: IP44

Insulation Class: Class F

Cooling Method: IC411

Duty: Continuous (S1)

Ambient temperature: -15℃ ~ +40℃

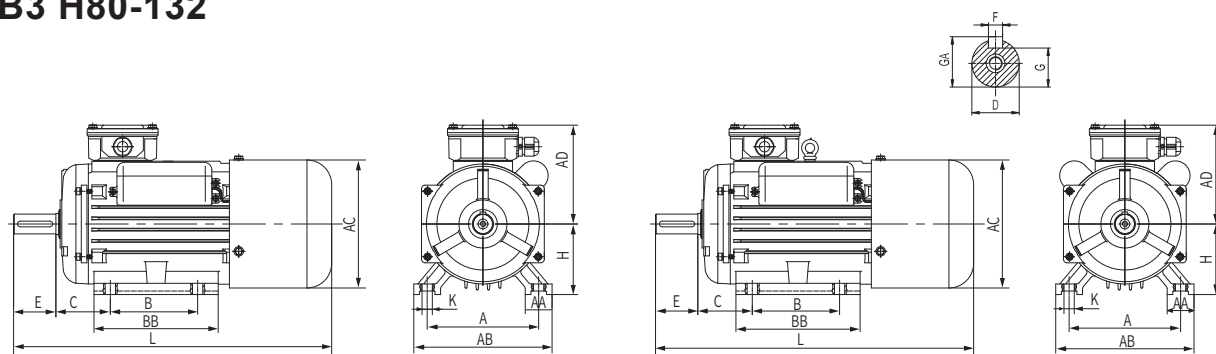
Altitude: No more than 1000 meters

YC 技术参数 TECHNICAL DATA

型号 Model	额定功率 Output		额定电压 Voltage V	频率 Frequency Hz	额定电流 Current A	额定转速 Speed rpm	效率 Efficiency η (%)	功率因数 P.F. $\cos\phi$	堵转转矩/ 额定转矩 Tst/Tn	最大转矩/ 额定转矩 Tmax/Tn	堵转电流/ 额定电流 Ist/In
	kW	HP									
YC80A-2	0.37	1/2	220	50	3.7	2880	62	0.73	2.8	1.8	6.5
YC80B-2	0.55	3/4	220	50	5.3	2880	65	0.73	2.8	1.8	6.5
YC80C-2	0.75	1	220	50	6.7	2880	68	0.75	2.8	1.8	6.5
YC90S-2	1.1	1.5	220	50	9.1	2880	71	0.77	2.4	1.8	7.0
YC90L-2	1.5	2	220	50	12.1	2880	72	0.78	2.4	1.8	7.0
YC100L-2	2.2	3	220	50	17.1	2900	74	0.79	2.1	1.8	7.0
YC112M1-2	3	4	220	50	21.4	2900	76	0.84	2.2	1.8	7.0
YC112M2-2	3.7	5	220	50	24.8	1450	79	0.86	2.2	1.8	6.0
YC80A-4	0.25	1/3	220	50	3.4	1450	56	0.60	2.8	1.8	6.0
YC80B-4	0.37	1/2	220	50	4.5	1450	60	0.62	2.8	1.8	6.0
YC80C-4	0.55	3/4	220	50	6.0	1450	64	0.65	2.8	1.8	6.5
YC90S-4	0.75	1	220	50	7.7	1450	67	0.66	2.4	1.8	6.5
YC90L-4	1.1	1.5	220	50	10.5	1450	70	0.68	2.4	1.8	6.5
YC100L-4	1.5	2	220	50	13.5	1450	72	0.70	2.4	1.8	6.5
YC112M-4	2.2	3	220	50	19.3	1450	75	0.72	2.2	1.8	6.5
YC132SA-4	3	4	220	50	25.2	1450	74	0.73	2.1	1.8	6.5
YC132SB-4	3.7	5	220	50	30	1450	75	0.74	2.1	1.8	6.5
YC132M-4	5.5	7.5	220	50	32.5	1450	81	0.95	2.1	1.8	6.5

YC 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H80-132



H80-90S

H90L-132

机座号 Frame Size	安装尺寸 Mounting Dimensions																外形尺寸 Overall Dimensions					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T		AB	AC	AE	AD	HD	L
YC80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5		160	165	110	120	200	310
YC90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5		180	185	140	140	240	355
YC90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5		180	185	140	140	240	385
YC100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4		205	220	145	145	260	415
YC112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4		245	250	160	160	300	448
YC132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4		280	262	210	210	350	470
YC132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4		280	262	210	210	350	553