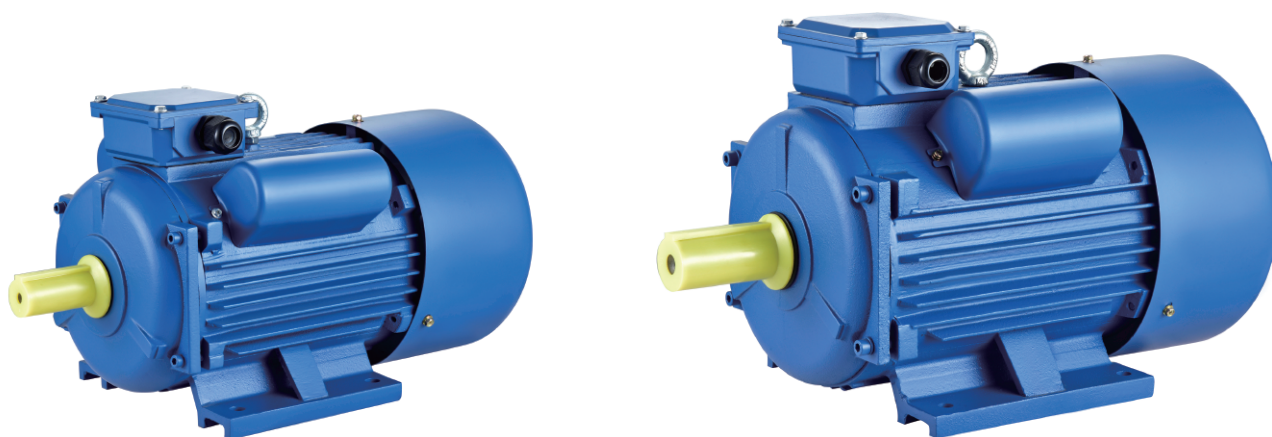


YCL 系列单相双值电容异步电动机

YCL SERIES SINGLE PHASE DUAL CAPACITORS INDUCTION MOTOR



产品介绍 PRODUCT INTRODUCTION

YCL系列单相双值电容异步电动机是按照国家标准设计和制造的，配启动电容和运转电容。

这些电机广泛应用于空气压缩机，水泵，风机，小型机械等，特别是对只能提供单相电源的场所非常适用。

YCL series single-phase dual capacitors asynchronous motors are designed and manufactured according to national standards, equipped with starting capacitors and running capacitors.

These motors are widely used in air compressors, pumps, fans, small machinery, etc., especially for places that can only provide single-phase power.

使用条件

环境温度: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$

海拔高度: 不超过1千米

额定电压: $220\text{V} \pm 5\%$

额定频率: 50Hz

工作制: S1 连续工作

绝缘等级: F

防护等级: IP44/IP54

冷却方式: IC411

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Altitude: Not exceeding 1000 meters

Rated voltage: $220\text{V} \pm 5\%$

Rated frequency: 50Hz

Duty: Continuous (S1)

Insulation class: F

Protection class: IP44/P54

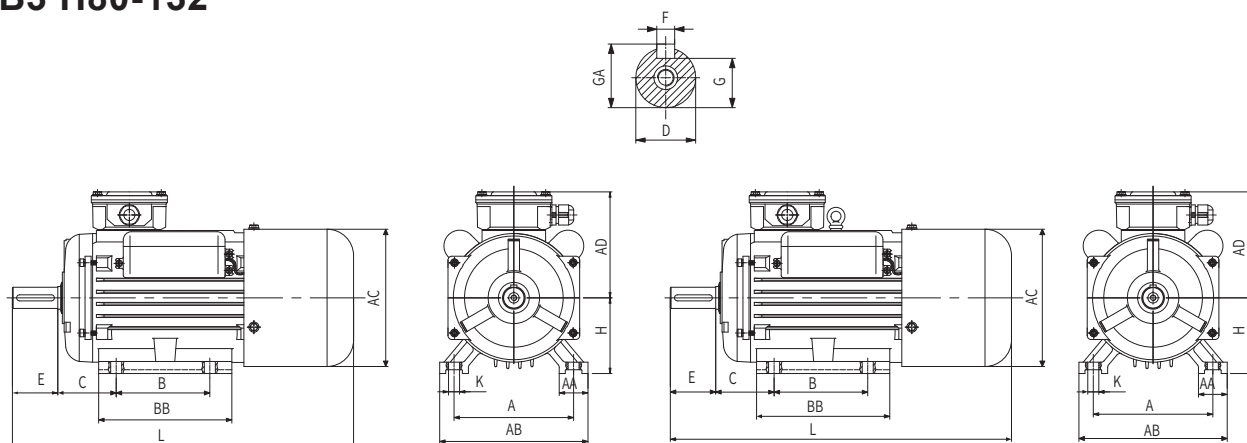
Cooling method: IC411

YCL 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									
YCL801-2	0.75	1	220	50	4.85	2800	74	0.95	1.8	6.0	1.8
YCL802-2	1.1	1.5	220	50	7.02	2800	75	0.95	1.8	6.0	1.8
YCL90S-2	1.5	2	220	50	9.32	2830	77	0.95	1.8	6.0	1.8
YCL90L-2	2.2	3	220	50	13.5	2830	78	0.95	1.8	6.0	1.8
YCL100L-2	3	4	220	50	18.17	2870	79	0.95	1.8	6.0	1.8
YCL112M-2	3.7	5	220	50	22.1	2890	80	0.95	1.8	6.0	1.8
YCL132S1-2	5.5	7.5	220	50	32.1	2940	82	0.95	1.8	6.0	1.8
YCL801-4	0.55	0.75	220	50	3.65	1410	72	0.95	1.8	6.0	1.8
YCL802-4	0.75	1	220	50	4.85	1410	74	0.95	1.8	6.0	1.8
YCL90S-4	1.1	1.5	220	50	7.02	1430	75	0.95	1.8	6.0	1.8
YCL90L-4	1.5	2	220	50	9.44	1430	76	0.95	1.8	6.0	1.8
YCL100L1-4	2.2	3	220	50	13.5	1430	78	0.95	1.8	6.0	1.8
YCL100L2-4	3	4	220	50	18.17	1430	79	0.95	1.8	6.0	1.8
YCL112M-4	3.7	5	220	50	22.1	1450	80	0.95	1.8	6.0	1.8
YCL132M-4	5.5	7.5	220	50	32.1	1460	82	0.95	1.8	6.0	1.8

YCL 安装及外形尺寸 Mounting and Overall Dimensions

IM B3 H80-132



H80-90

H100-132

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	AD	HD	L
YCL80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	60	165	150	200	295
YCL90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	160	240	370
YCL90L	140	125	56	24	50	8	20	90	10	165	130	200	0	15	3.5	180	185	160	240	400
YCL100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	220	180	260	430
YCL112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	245	250	190	300	455
YCL132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	280	290	210	350	525
YCL132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	280	262	210	350	553