

齿轮减速电动机 AC GEAR MOTOR

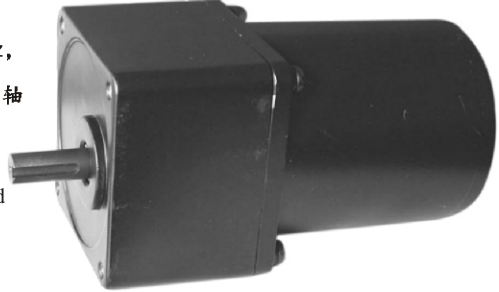
40W单/三相90mm
40W Single/Three Phase 90mm

● 型号说明 Indications of the model number

举例:90YY40-2CZ/JB150G12 电动机的型号/减速器的型号
For example:90YY40-2CZ/JB150G12 Motor model/reducer model

举例型号含义说明:90机座号的单相4极40W异步电机, 使用电源220V50Hz, 带附加功能机械阻尼;配置90JB偏心出轴齿轮减速器,一体式,减速比1:150, 滚动轴承型, 出轴直径12mm。

Interpretation: 90 frame size, single phase, 4poles, 40W, induction motor, using electric power 220V 50HZ with additional function of mechanical damping; equipped with 90JB uncentral shaft gear reducer, integral figure, reduction ratio 1:150, rolling bearing, shaft diameter 12mm.



供电电源: 单相230V、220V、110V、100V Electric power: single phase, 230V, 220V, 110V, 100V

附加功能: Z-机械阻尼、P-热保护器 Additional function: Z-mechanical damping, P-thermal protector

● 单相电动机的性能参数 Motor technical data

电动机型号 Type	输出功率 Power W	电压 Voltage V	频率 Frequency Hz	电流 Current A	起动转矩 Starting torque N.m	额定转矩 Rated torque N.m	额定转速 Rated speed r/min	电容 Capacitor μF/VAC	运转形式 Operating mode
90YY40-2	40	220	50	0.36	0.210	0.294	1300	2.5/450	连续Cont
90YN40-2				0.36	0.240	0.294	1300	3.0/450	定格30min
90YN40-2				0.36	0.210	0.294	1300	2.5/450	连续Cont

● 三相电动机的性能参数 Motor technical data

电动机型号 Type	输出功率 Power W	电压 Voltage V	频率 Frequency Hz	电流 Current A	起动转矩 Starting torque N.m	额定转矩 Rated speed N.m	额定转速 Rated speed r/min	运转形式 Operating mode
90YS40-3	40	380	50	0.25	0.35	0.3	1300	连续Cont

● 减速以后的允许负载(50Hz电机) Permissble load of gearmotor

N.m

减速比 Reduction	3	5	6	7.5	9	10	12.5	15	18	20	25	30	40	50	60	75	90	100	120	150
转速Speed(rpm)	500	300	250	200	166	150	120	100	83	75	60	50	37	30	25	20	16	15	12	10
减速级数 Number of gear trains	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4
允许负载(N.m) Permissible load	0.71	1.19	1.57	1.78	2.14	2.38	2.97	3.57	3.86	4.29	5.36	6.44	8.58	10	10	10	10	10	10	10

减速比 Reduction	180	200	250	300	500	600	750
转速Speed(rpm)	8	7.5	6	5	3	2.5	2
减速级数Number of gear trains	5	5	5	5	5	5	5
允许负载(N.m) Permissible load	10	10	10	10	10	10	10

● 外形尺寸 Dimensions

减速比 Gear reduction ratio	L1(mm)	L2(mm)
3~15	42	147
18~180	60	165

