

# 齿轮减速电动机 AC GEAR MOTOR

**60W**单/三相90mm  
60W Single/Three Phase

## ● 型号说明 Indications of the model number

举例:90YY60-2CF/JB150G12 电动机的型号/减速器的型号  
For example:90YY60-2CF/JB150G12 Motor model/reducer model

举例型号含义说明:90机座号的单相4极60w异步电机, 使用电源220V50Hz,

带附加功能冷却风叶;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。

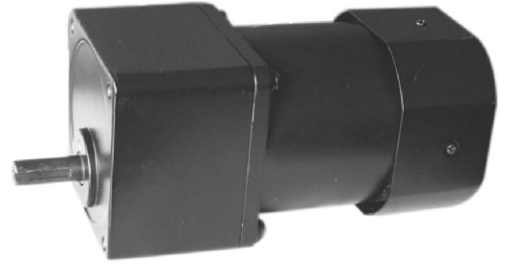
Interpretation: 90 frame size, single phase, 4poles, 60W, induction motor, using electric power 220V 50HZ with additional function of cooling fan; equipped with 90JB uncentral shaft gear reducer, integral figure, reduction ratio1:150, rolling bearing, shaft diameter 12mm.

供电电源: 单相230V、220V、110V、100V  
三相440V、380V、220V、200V

Electric power: single phase, 230V, 220V, 110V, 100V  
three phase, 440V, 380V, 220V, 200V

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 Single phase 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	电容 Capacitor μF/VAC	运转形式 Operating mode
90YY60-2	60	220	50	0.54	0.384	0.441	1300	3.5/450	连续Cont
90YN60-2				0.54	0.400	0.441	1300	4.0/450	定格30min
90YN60-2				0.54	0.384	0.441	1300	3.5/450	连续Cont

## ● 三相电动机的性能参数 Three phase 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
90YS60-3	60	380	50	0.35	0.5	0.45	1300	连续Cont
90YS60-2	60	220	60	0.65	0.5	0.37	1500	连续Cont

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

减速比 Reduction	N.m																			
	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)	1.07	1.78	2.14	2.68	3.21	3.57	4.46	5.36	5.79	6.44	8.05	9.66	12.88	16.09	19.31	20	20	20	20	20

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	20	20	20	20	20	20	20

## ● 外形尺寸 Dimensions

减速比 Gear reduction ratio	L1(mm)	L2(mm)
3~15	42	165
18~180	60	183

