

齿轮减速电动机 AC GEAR MOTOR

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

● 型号说明 Indications of the model number

举例:90YY 90-2CF/JB150G15
For example:90YY90-2CF/JB150G15

电动机的型号/减速器的型号
Motor model/reducer model

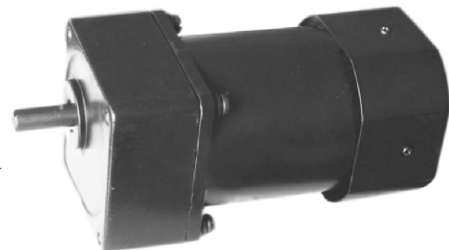
举例型号含义说明:90机座号的单相4极90W异步电机, 使用电源220V50Hz, 带附加功能冷却风叶;配置90JB偏心出轴齿轮减速器,减速比1:150, 滚动轴承型, 出轴直径15mm。

Interpretation: 90 frame size, single phase, 4poles, 90W, induction motor, using electric power 220V 50HZ with additional function of cooling fan; equipped with 90JB uncentral shaft gear reducer, integral figure, reduction ratio:150, rolling bearing, shaft diameter 15mm.

供电电源: 单相230V、220V、110V、100V Electric power: single phase, 230V, 220V, 110V, 100V
三相440V、380V、220V、200V 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



● 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 μ F/VAC	运转形式 Operating mode
90YY90-2	90	220	50	0.73	0.510	0.661	1300	5.5/450	连续Cont
90YN90-2				0.73	0.600	0.661	1300	6.0/450	定格30min
90YN90-2				0.73	0.510	0.661	1300	5.5/450	连续Cont

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

减速比 Reduction	3	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150
转速Speed(rpm)	500	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10
减速级数 Number of gear trains	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4	4	4
允许负载(N.m) Permissible load	1.60	2.68	3.21	4.01	4.82	5.36	6.69	7.24	8.68	9.65	12.06	14.47	17.37	19.30	24.12	26.17	30	30	30	30	30

减速比 Reduction	180	200	250	300	500
转速Speed(rpm)	8	7.5	6	5	3
减速级数 Number of gear trains	5	5	5	5	5
允许负载(N.m) Permissible load	30	30	30	30	30

● 外形尺寸 Dimensions

减速比 Gear reduction ratio	L1(mm)	L2(mm)
3~15	42	180
18~180	60	198

