

齿轮减速电动机 AC GEAR MOTOR

15W单/三相70mm
15W Single/Three Phase 70mm

● 型号说明 Indications of the model number

举例:70YN15-2CZ/JB150G10 电动机的型号/减速器的型号
For example:70YN15-2CZ/JB150G10 Motor model/reducer model

举例型号含义说明:70机座号的单相4极15W异步电机, 使用电源220V50Hz, 带附加功能机械阻尼;配置70JB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10mm。

Interpretation: 70 frame size, single phase, 4poles, 15W, induction motor, using electric power 220V 50HZ with additional function of mechanical damping; equipped with 70JB uncentral shaft gear reducer, integral figure, reduction ratio 1:150, rolling bearing, shaft diameter 10mm.



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 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 torque N.m	额定转速 Rated speed r/min	电容 Capacitor μF/VAC	运转形式 Operating mode
70YN15-1	15	110	50	0.4	0.11	0.122	1200	5/250	连续Cont
70YN15-2	15	220	50	0.18	0.081	0.122	1200	1.2/450	连续Cont
70YN20-2	20	220	50	0.22	0.11	0.162	1200	1.5/450	定格30Min Interual

● 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
70YS15-3	15	380	50	0.12	0.20	0.122	1200	连续Cont
70YS15-2	15	220	60	0.25	0.20	0.095	1550	连续Cont

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

减速比 Reduction	N.m																					
	3	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180
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	8
减速级数 Number of gear trains	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4
允许负载(N.m) Permissible load	0.28	0.46	0.56	0.70	0.84	0.93	1.16	1.40	1.51	1.65	2.10	2.52	3.02	3.36	4.20	4.55	5	5	5	5	5	5

● 外形尺寸 Dimensions

减速比 Gear reduction ratio	L1(mm)	L2(mm)
3~15	32	112.5
18~180	42	122.5

