

齿轮减速电动机 AC GEAR MOTOR

25W单/三相80mm
25W Single/Three Phase 80mm

● 型号说明 Indications of the model number

举例:80YN25-2CZ/JBE150G10
For example:80YN25-2CZ/JBE150G10

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

举例型号含义说明:80机座号的单相4极25W异步电机, 使用电源220V50Hz,
带附加功能机械阻尼;配置80JB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: 80 frame size, single phase, 4poles, 25W, induction motor, using electric power 220V 50HZ with additional function of mechanical damping; equipped with 80JB 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 speed N.m	额定转速 Rated speed r/min	电容 Capacitor μF/VAC	运转形式 Operating mode
80YN25-1	25	110	50	0.7	0.11	0.195	1250	6/250	连续Cont
80YN25-2	25	220	50	0.27	0.121	0.195	1250	1.5/450	连续Cont
80YN25-2	25	220	50	0.29	0.16	0.195	1250	2/250	定格30min
80YN30-2	30	220	50	0.32	0.200	0.24	1250	2.5/450	定格30min

● 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
80YS25-3	25	380	50	0.4	0.24	0.195	1300	连续Cont
80YS25-2	25	220	60	0.20	0.311	0.157	1550	连续Cont

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

N.m

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	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	4	4	4	4	4	4	4
允许负载(N.m) Permissible load	0.48	0.77	0.93	1.16	1.39	1.55	1.93	2.32	2.51	2.79	3.48	4.18	5.02	5.58	6.97	7.56	8	8	8	8	8	8

● 外形尺寸 Dimensions

减速比 Gear reduction ratio	L1(mm)	L2(mm)
3~15	32	119.5
18~180	43	130.5

