

交流减速电机型号表示方法

Coding System for AC Gear Motor

● 交流减速电机型号说明 Indications of The Gear Motors Model Number

90YY60-2F / JB100G12

↓ ↓
 电动机的型号 / 减速器的型号
 Motor Type / Gearbox Model

● 电机部分的型号说明 Indications of The Motors Model Number

90	YY	60	—	2	C	F
机座号 Frame Size	电动机类别 Motor Type	输出功率 Output Power	隔离线 Separator	电压和极数 Voltage and Poles	电动机出轴形式 Motor Shaft Type	附加装置 Additional Device
60: Φ60 70: Φ70 80: Φ80 90: Φ90	YY: 单相异步电机 Single-Phase Induction Motor YN: 单相可逆电机 Single-Phase Reversible Motor YS: 三相异步电机 Three-Phase Motor	4: 4W 6: 6W 10: 10W 12: 12W 15: 15W 25: 25W 40: 40W 60: 60W 90: 90W	—	1: 单相110V 4P Single-Phase 110V 4P 2: 单相220V 4P Single-Phase 220V 4P 3: 三相380V 4P Three-Phase 380V 4P 4: 三相220V 4P Three-Phase 220V 4P	C: 齿轮轴伸 Gear Shaft J: 键槽轴伸 Keyway Shaft D: 单扁轴伸 D- Cut Shaft G: 光轴伸 Bare Shaft	D: 电磁刹车 Electromagnetic Brake F: 自带冷却风叶 Cool Fan Z: 机械阻尼 Damper P: 热保护器 Thermal Protector T: 调速电机 Speed Motor

说明: 当电动机瞬时频繁启动, 自带冷却风叶不足以满足降温要求的时候, 可以在风叶的位置配置轴流风机进行强制冷却。

(1) 配置直流轴流风机, 在附加功能的位置增加代号FD。(2) 配置交流轴流风机, 在附加功能的位置增加代号FA。

Remarks: When cool fan can not satisfy Cooling requirements because of the frequent starts of motor in a very short time, an axial flow fan can be equipped in the position of cool fan for forced cooling.

(1) "FD" refers to DC axial flow fan in coding system. (2) "FA" refers to AC axial flow fan in coding system.

● 减速器部分的型号说明 Indications of The Gear Heads Model Number

90	JB	100	G	12
机座号 Frame Size	减速器类别 Gearbox Type	减速比 Reduction Ratio	轴承型式 Bearing Type	减速器出轴直径 Gearbox Output Shaft OD
60: □60mm 70: □70mm 80: □80mm 90: □90mm 104: □104mm	JB: 偏心出轴齿轮减速器 Eccentric Shaft Gearbox JA: 中心出轴齿轮减速器 Center Shaft Gearbox JX: 行星齿轮减速器 Planetary Gearbox JW: 蜗轮减速器 Worm Gearbox	100表示1:100 Ratio:1:100	G: 滚动轴承 Ball Bearing	8: Φ8 10: Φ10 12: Φ12 15: Φ15

说明: 电动机型号与减速器型号连成一体时, 电动机出轴形式、减速器“机座号”可以省略, 例: 90YY60-2F / JB□G12。□中填充减速比的数值。

Remarks: When combination of motor and gearbox, motor shaft type and gearbox frame size can be omitted. For example, 90YY60-2F / JB□G12.Reduction ratio is filled in the "□".

● 安全注意事项 Safety Cautions

- 1、严格按照接线图接线, 使用符合铭牌要求的电源, 不随意改变使用方法, 不使用已经损坏的电机, 以免触电、受伤、发生火灾及损坏装置等。
- 2、对电源线、引出线不要过分弯曲、拉伸、夹紧, 以免电源线破损而引起触电危险。
- 3、接地端子应牢固接地, 以免触电危险。单相电机不准擅自加大电容器, 务必使用符合铭牌要求的电源, 以免烧毁电机、发生火灾。
- 4、不要让手指或物品进入减速器或电机的开口部位, 以免受伤或者损坏装置等。
- 5、意外停电时务必切断电源开关, 防止来电后伤人或者损坏装置。带有热保护器的电机, 当电机过热时会自动切断电源, 此时务必切断电源开关, 因为当电机温度下降以后, 电机自动恢复工作, 此时可能会因为电机启动而损坏装置。

1、Connection of wires should be in strict accordance with connection diagram. Power supply should be used according to the request of nameplate. Do not change usage casually. Do not use damaged motor to avoid electric shock, injury, outbreak of fire and device damage.

2、Do not over curve, stretch and clamp power lines and lead wires to avoid electric shock caused by power lines' breakage.

3、Earthing terminal should be firmly grounded to avoid electric shock. Single-phase motor should use power supply according to the request of nameplate and not use larger capacitor to avoid burning of the motor and outbreak of fire.

4、Hands and other things are not allowed to enter into the mouth parts of the motor and gearbox to avoid injuries and device damage.

5、Be sure to switch off power supply during unexpected power outages to avoid hurting people and damaging device. Motor with thermal protector will automatically cut off the power when overheated, then the customer should also turn off power switch. Because when motor temperature is going down, motor will self recover work, which may cause device damage.