

直流减速电机型号表示方法

Coding System for DC Gear Motor

● 直流减速电机型号说明 Coding Sample

90JB200K50G15 / 80ZY140-2420

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

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

90	JB	200K	50	G	15
机座号 Frame Size	减速器类别 Gearbox Type	允许负载 Permissible Load	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	200K: 200kg.cm (20N.m)	50表示1:50 Ratio:1:50	G: 滚动轴承 Ball Bearings	8 : Φ8 10: Φ10 12: Φ12 15: Φ15

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

80	ZY	140	—	24	20
电动机直径 Motor OD	电动机类别 Motor Type	电动机长度 Motor Length	隔离线 Separator	额定电压 Rated Voltage	空载转速 No-load Speed
38: Φ38 45: Φ45 60: Φ60 71: Φ71 80: Φ80 83: Φ83	ZY: 永磁直流电机 Brushed DC Motor ZYN: 稀土永磁直流电机 Rare Earth Magnet DC Motor ZWN: 永磁直流无刷电机 BL DC Motor	140: 140mm	—	12: 12VDC 24: 24VDC 36: 36VDC	20: 2000rpm 30: 3000rpm 40: 4000rpm 50: 5000rpm

● 直流减速电机使用和安装注意事项

- 1、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、在减速器出轴上安装结构件时，不允许直接在减速器出轴上敲打或压配，不良的操作会损坏减速器。
- 4、不要擅自打开减速器，否则会噪音增加。
- 5、在安装前对减速电机要进行通电运转检查，在安装过程中不应使减速电机受到冲击、跌落。
- 6、在安装、调试、使用中应该尽量避免堵转现象发生。大减速比、大转矩的产品，客户要采取限制输入电流的方法，作为防止因发生堵转时而损坏减速器的措施。
- 7、不要让手指或物品进入传动部位，以免受伤或者损坏装置等。
- 8、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。

● Usage And Installation Instructions of DC Gear Motor

- 1、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、When installing structural parts on the output shaft of gearbox, direct strikes and pressure on the output shaft is not allowed. When fixing operating structural parts using binder on the output shaft of gearbox, shaft cannot be cohered. Unsuitable operation will damage gearbox.
- 4、Do not open gearbox, or noise level would go up.
- 5、Power-on operation check should be done before the installation of gear motor. Motor should not be impacted or dropped during installation.
- 6、Try not to appear stall during the process of motor's installation, testing and using. If locked-rotor will inevitably occur, please explicitly inform our company to take necessary measures in advance. For items with large reduction ratio and high torque, customers themselves should adopt the method of restricting input current to avoid happening of locked-rotor and damage to gearboxes.
- 7、Hands and other things are not allowed to enter into the drive parts of the motor and gearbox to avoid injuries and device damage.
- 8、Be sure to switch off power supply during unexpected power outages to avoid hurting people and damaging device.