

# 型号的阅读方法PRODUCT MODEL EXPLANATION

## ●电动机 MOTOR

Z
5(5)
D(W)
60-24
GU
- 30S

①
②
③
④
⑤
⑥
⑦

①	公司名称Company	中大电机ZD MOTOR					
②	型号尺寸(Model&Dimension)						
	座机号Code	2	3	4	5	55	6
	电机安装法兰Mounting Flange mm	□60	□70	□80	□90	□90	□104
	机壳直径Case Diameter	60	60	80	80	90	90
③	电机种类Motor Type	D: 直流电机D: DC MOTOR DW: 针对60、70系列电机D后边加W表示外置电刷电机 For 60, 70 series motor, DW means external brush motor.					
④	输出功率Output Power	(例) 60: 60W					
⑤	电源电压Voltage	(例) 24: 24V					
⑥	电机轴形状Shape of Motor Shaft	GN: 普通型斜齿轴 GN: General Helival Gear			A1: 铣键槽 A1: Milling Keyway		
		GU: 加强型斜齿轴 GU: Reinforced Helival Gear			A: 铣扁 A: Flat type		
⑦	电机转速Motor Speed	(例) 30S: 3000RPM					

●如果电机需配刹车器可在型号最后加-M符号, 如Z5(5) D60-24 GU-30S -M, 刹车器电压与电机额定电压相同; 型号中电机可解读为机壳外径90mm、GU型、额定电压24VDC、额定功率60W、额定转3000RPM、配24VDC刹车器。

●Note: we use M to symbolise the brake, such as Z5 (5) D 60-24 GU-30S-M, the brake voltage is the same as the rated voltage of the motor; Type of motor can be interpreted as a case diameter of 90mm, GU type, rated voltage 24VDC, rated power 60W, rated speed of 3000RPM, with brake-24VDC.

## ●减速器 Gear Box

5
GN
50
K

①
②
③
④

①	型号尺寸Model & Dimension	2: 60mm、3: 70mm、4: 80mm、5: 90mm、6: 104mm	
②	齿轮种类Gear Type	GN: 普通型斜齿轴	GN: Common Helical Gear
		GU: 加强型斜齿轴	GU: Reinforced Helical Gear
③	减速比Reduction Ratio	50: 减速比为1: 50	50: Reduction Ratio 1: 50
		10X仅限减速比1: 10的中间减速比	10X denotes the mid reduction ratio 1:10
④	轴承种类Bearing Type	K: 滚珠轴承(对GU型方箱体标注为KB) K: Ball Bearing (Mark KB for Type GU square case)	

●注: 非标准分体式的编号为: 在电动型号或减速器型号前加"V" (请在订货时写明具体参数)

●Note: The code of the non-standard split type is to add "V" before the model number of the motor or reducer(Please specify the detailed parameter requirement in the purchase order)

## ●直流电机的一般规格 General specification of DC motor

项目Items	
绝缘电阻 Insulation resistance	在常温、常湿度下, 运转电机后, 以DC 500V电阻表测量线圈、外壳间时, 测量值为20MΩ以上。 In the circumstance of normal ambient temperature and humidity, the resistance can be up to 20MΩ or more when 500VDC megge is applied between the windings and the frame after rated motor operations.
绝缘电压 Insulation voltage	在常温、常湿度下电动机额定运行后, 在线圈、外壳间施加一分钟50Hz、1.5kV(三相400V为2kV)的电压, 亦无异常。 In the circumstance of normal ambient temperature and humidity, there will be no problem to withstand 1.5kV (three phase400v: 2kV) at 50/60hz between the windings and the frame for 1 minute after rated motor operation.
温度上升 Temperature rise	运转电机后, 用电阻法来测量时, 线圈绕组温度的上升数值在80℃以下。 The temperature rise should be lower than 80℃ measured by resistance method when the motor is working.
绝缘等级 Insulation class	B级(130℃) Class B (130℃)
使用温度 Using temperature	-10℃~+40℃ (无冰冻) -10℃~+40℃ (No freeze)
使用湿度 Using humidity	85%以下(没有结露的场所) ≤85% (Place without dew)