

# 永磁直流齿轮减速电机 PM DC Spur Gear Motor

## 70JB80K/52ZY85

允许转矩范围:0.8N.m~8N.m  
Permissible Load Range: 0.8N.m~8N.m

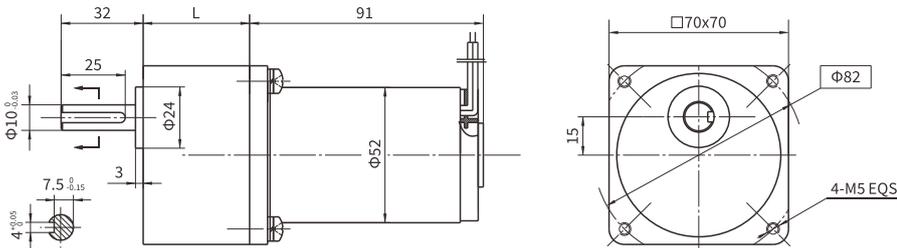
### 产品特点 and 用途

### Description of The Product

- 70mm 的一体式齿轮减速器, 允许负载 8.0N.m, 合金结构钢齿轮, 全部滚动轴承的配置。
- 70mm integrated gearbox, with rated torque up to 8.0 N.m, alloy constructional steel gears, all equipped with ball bearings.

### 外形和安装尺寸

### Dimensions



### 电动机主要技术参数

### Motor Technical Data

电机型号 Type	额定电压 Rated Voltage VDC	空载转速 No-load Speed r/min	空载电流 No-load Current A	额定转速 Rated Speed r/min	额定转矩 Rated Torque mN.m	输出功率 Output Power W	额定电流 Rated Current A	堵转力矩 Stall Torque mN.m	堵转电流 Stall current A
52ZY85-2420	24	2000	0.25	1600	60	10	0.9	260	5.0
52ZY85-2430	24	3000	0.35	2400	75	18	1.5	320	6.0
52ZY85-2440	24	4000	0.42	3200	80	27	2.0	446	7.5

### 齿轮减速电机主要技术参数

### Gear Motor Technical Data

配置52ZY85-2420直流电机(52ZY85-2420 DC Motor)

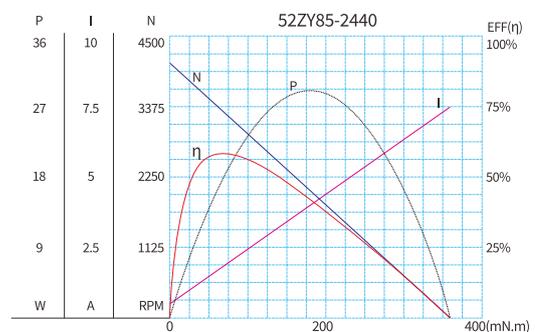
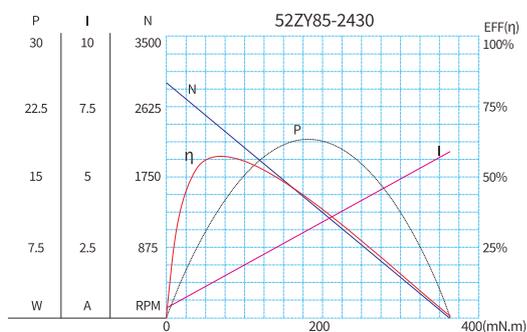
减速比 Reduction ratio	50	60	75	90	100	120	150	200
减速级数 Number of gear trains	3	4	4	4	4	4	4	4
减速器长度(L) Length mm	42	42	42	42	42	42	42	42
空载速度 No-load speed r/min	40	33	27	22	20	17	13	10
额定转速 Rated speed r/min	32	27	21	18	16	13	10.5	8
额定转矩 Rated torque N.m	2.2	2.4	3.0	3.5	4.0	4.7	5.9	7.9
最大瞬间允许负载 Max. permissible load in a short time N.m	8.0	16	16	16	16	16	16	16
转向 Direction of rotation	CCW	CW	CW	CW	CW	CW	CW	CW

配置52ZY85-2430直流电机(52ZY85-2430 DC Motor)

减速比 Reduction ratio	50	60	75	90	100	120	150	200
减速级数 Number of gear trains	3	4	4	4	4	4	4	4
减速器长度(L) Length mm	42	42	42	42	42	42	42	42
空载速度 No-load speed r/min	60	50	40	33	30	25	20	15
额定转速 Rated speed r/min	48	40	32	27	24	20	16	12
额定转矩 Rated torque N.m	2.7	3.0	3.7	4.4	4.9	5.9	7.4	9.9
最大瞬间允许负载 Max. permissible load in a short time N.m	8.0	16	16	16	16	16	16	16
转向 Direction of rotation	CCW	CW						

### 电动机特性图

### Motor Characteristic Figure



东政智造 驱动未来

DONGZHENG INTELLIGENT MANUFACTURE DRIVE THE FUTURE