

永磁直流行星齿轮电机 (内齿圈材质: 金属)  
PM DC Planetary Gear Motor (Ring Gear Material: Metal)

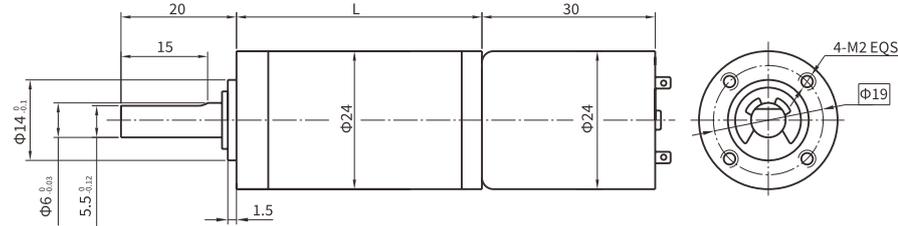
# 24JN10K/24ZY30B

Φ24行星减速器, 允许转矩范围: 0.1N.m~1.0N.m  
24mm OD Planetary Gearbox,  
Permissible Load Range: 0.1N.m~1.0N.m

减速器出轴直径及轴伸可定制 The output shaft diameter and the shaft extension of the gearbox can be customized.

## 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 mA	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 mA	堵转力矩 Stall Torque mN.m	堵转电流 Stall current A
24ZY30-1280	12	8000	80	6500	3	2.0	300	16	1.2
24ZY30-12100	12	10000	100	7700	4	3.1	420	16	1.6
24ZY30-24120	24	12000	140	9000	3.5	3.2	300	19	1.2

## 齿轮减速电机主要技术参数

## Gear Motor Technical Data

### 配置24ZY30-1280直流电机(24ZY30-1280 DC Motor)

减速比 Reduction ratio	14	19	27	51	71	100	139	189	264	369	516
减速级数 Number of gear trains	2	2	2	3	3	3	3	4	4	4	4
减速器长度(L) Length mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4	44.4
空载速度 No-load speed r/min	571	421	296	157	113	80	58	42	30	22	16
额定转速 Rated speed r/min	464	342	241	127	92	65	47	34	25	18	13
额定转矩 Rated torque N.m	0.034	0.046	0.066	0.11	0.16	0.22	0.30	0.37	0.51	0.72	1.0
最大瞬间允许负载 Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0

### 配置24ZY30-12100直流电机(24ZY30-12100 DC Motor)

减速比 Reduction ratio	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4
空载速度 No-load speed r/min	714	526	370	196	141	100	72	53	38	27
额定转速 Rated speed r/min	550	405	285	151	108	77	55	41	29	21
额定转矩 Rated torque N.m	0.045	0.062	0.087	0.15	0.21	0.29	0.41	0.49	0.69	0.96
最大瞬间允许负载 Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0

### 配置24ZY30-24120直流电机(24ZY30-24120 DC Motor)

减速比 Reduction ratio	14	19	27	51	71	100	139	189	264	369
减速级数 Number of gear trains	2	2	2	3	3	3	3	4	4	4
减速器长度(L) Length mm	31.6	31.6	31.6	38.0	38.0	38.0	38.0	44.4	44.4	44.4
空载速度 No-load speed r/min	857	632	444	235	169	120	86	63	45	33
额定转速 Rated speed r/min	643	474	333	176	127	90	65	48	34	24
额定转矩 Rated torque N.m	0.040	0.054	0.077	0.13	0.18	0.26	0.36	0.43	0.60	0.84
最大瞬间允许负载 Max. permissible load in a short time N.m	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.0	3.0	3.0