

## DC SPUR GEAR MOTOR DM-37RS528

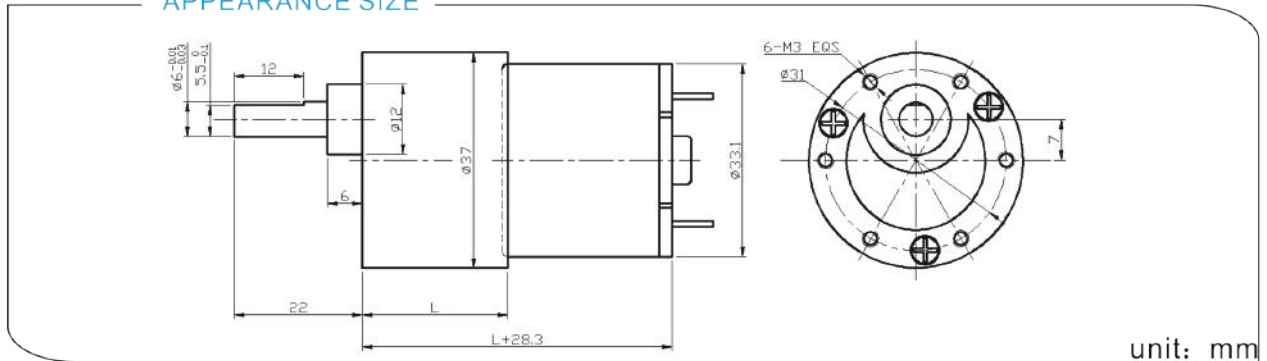
典型应用/Typical applications :

自动快锁门、装订机、自动电视架、点钞机、聚光灯、卫生纸机、  
办公设备、家用电器、自动执行机构

Auto shutter, binding machine, automatic TV rack, money counter,  
spotlight, tissue machine, office equipments, household appliances,  
automatic actuator



### APPEARANCE SIZE



unit: mm

### 齿轮箱参数/Gearbox Data:

级数 Number of stages	2	3	4	5	6	7
减数比 Reduction Ratio i	6.8、10	20、30	61、90	107、122、 184、270	311、414、 552、810	1243 1657、2430
齿轮箱长度 Gearbox Length L (mm)	19	22.5	25	27.5	30	31.5
破坏扭力 Breaking Torque(kgf.cm)	8	10	30	30	40	40
齿轮箱效率 Gearbox Efficiency $\eta$	81%	72%	65%	59%	53%	47%

### 电机参数/Driving Motor Data:

DC Motor Model	Rated	No Load		Max Efficiency Load			Stall		
	电压	电流	转速	电流	转速 (n <sub>m</sub> )	扭矩 (t <sub>m</sub> )	功率	扭矩	电流
	Volt.	Current	Speed	Current	Speed	Torque	P.out	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
DM-528-012-3000	12	≤40	3000	≤180	2200	40	0.9	≥160	≥720
DM-528-012-4500	12	≤60	4500	≤350	3300	60	2.0	≥210	≥1400
DM-528-012-6000	12	≤70	6000	≤720	4500	80	3.7	≥300	≥2800
DM-528-024-3000	24	≤15	3000	≤80	2200	40	0.9	≥140	≥320
DM-528-024-4500	24	≤25	4500	≤180	3300	60	2.0	≥210	≥730

### 减数电机参数/Geared Motor Data :

Gear Motor Model	额定电压 Rated voltage	No load		Max Efficiency Load			Stall		
		电流	转速	电流	转速 (n)	扭矩 (t)	功率	扭矩	电流
		Current	Speed	Current	Speed	Torque	P.out	Torque	Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
DM-37RS528-0064500-270K	6	0.08	16.8	0.35	14.1	5.0	0.79	34.5	1.84
DM-37RS528-0067000-30K	6	0.22	230.4	0.97	191.8	1.2	2.39	7.3	4.66
DM-37RS528-0068000-61K	6	0.22	133.6	1.03	110.2	2.5	2.78	14.0	4.91
DM-37RS528-0123000-810K	12	0.05	3.4	0.15	2.5	18.8	0.49	71.2	0.42
DM-37RS528-0126000-30K	12	0.07	190.9	0.29	158.8	0.9	1.44	5.3	1.42

电机参数仅供参考, 请以实际样板为准; 可以依据客户要求定制参数。

The motor parameters are for reference only, please refer to real measured data;

We can customize parameters according to customer requirements.

减数电机输出转速=直流电机输出转速/齿轮箱减数比; 减数电机输出扭矩=直流电机输出扭矩\*齿轮箱减数比\*齿轮箱传动效率。

Gear Motor Output Speed=DC Motor Speed/Gear Ratio ( $n=n_m/i$ )

Gear Motor Output Torque=DC Motor Torque\*Gear Ratio\*Gearbox Efficiency. ( $t=t_m*i*\eta$ )