

## DC SPUR GEAR MOTOR DM-37RS385

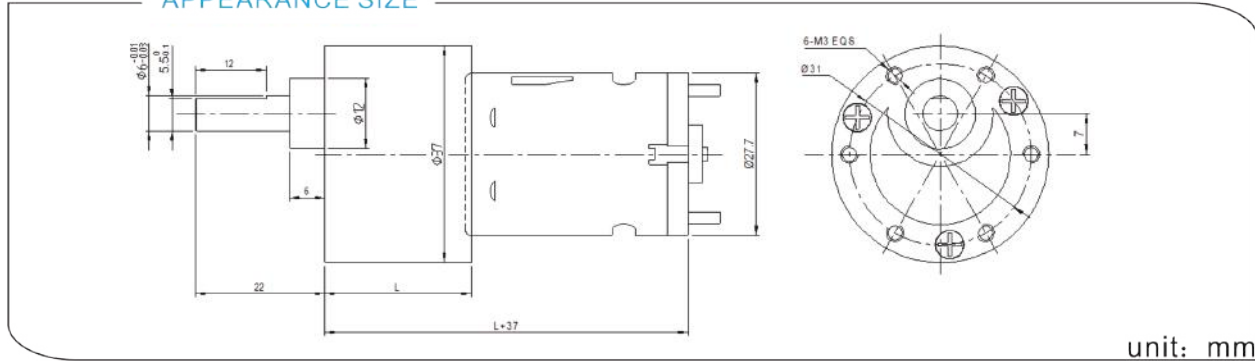
典型应用/Typical applications :

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 η	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 (nm)	扭矩 (tm)	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-385-012-3000	12	≤60	3000	≤150	2200	35	0.8	≥110	≥360
DM-385-012-4500	12	≤70	4500	≤300	3300	55	1.9	≥210	≥960
DM-385-012-6000	12	≤100	6000	≤600	4500	80	3.7	≥280	≥1600
DM-385-024-3000	24	≤28	3000	≤70	2200	35	0.8	≥110	≥160
DM-385-024-4500	24	≤50	4500	≤150	3300	55	1.9	≥180	≥380

### 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-37RS385-0126000-61K	12	0.20	94.8	0.66	70.2	3.2	2.36	12.6	1.96
DM-37RS385-0128000-534K	12	0.20	14.9	0.71	11.5	21.8	2.57	96.0	2.49
DM-37RS385-0243000-61K	24	0.05	51.2	0.12	36.3	1.90	0.70	6.50	0.30
DM-37RS385-0243000-552K	24	0.03	5.50	0.09	4.50	14.0	0.65	73.0	0.37

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<sub>m</sub>/i)

Gear Motor Output Torque=DC Motor Torque\*Gear Ratio\*Gearbox Efficiency. (t=t<sub>m</sub>\*i\*η)