

## DC SPUR GEAR MOTOR DM-37RS395

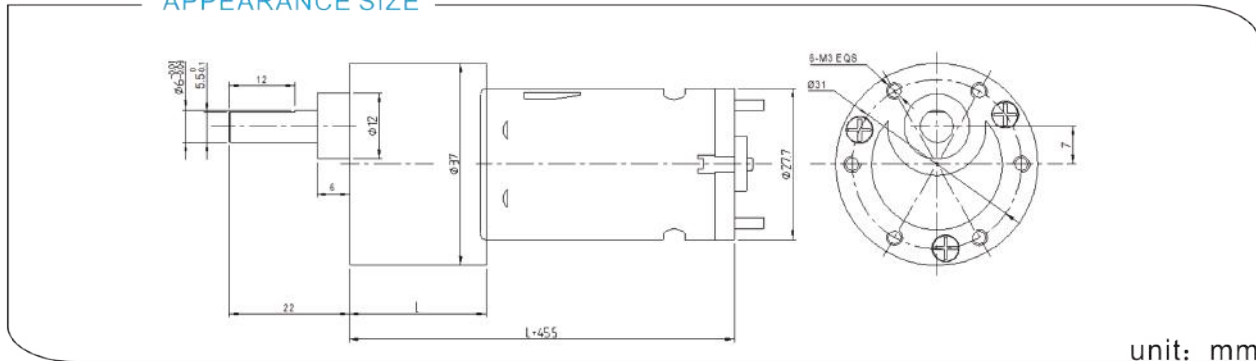
典型应用/Typical applications :

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 (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-395-012-3000	12	≤60	3000	≤250	2200	65	1.5	≥110	≥360
DM-395-012-4500	12	≤90	4500	≤430	3300	80	2.7	≥210	≥960
DM-395-012-6000	12	≤130	6000	≤750	4800	100	4.9	≥280	≥1600
DM-395-024-3000	24	≤40	3000	≤120	2200	65	1.5	≥110	≥160
DM-395-024-4500	24	≤60	4500	≤220	3300	80	2.7	≥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-37RS395-0126000-61K	12	0.21	99.8	0.78	78.5	4.70	3.80	22.00	2.91
DM-37RS395-0127400-10K	12	0.16	715.1	0.75	604.0	0.70	4.31	4.48	3.97
DM-37RS395-01210000-10K	12	0.21	993.8	1.31	854.9	0.94	8.25	6.73	8.05
DM-37RS395-0243000-61K	24	0.03	47.7	0.12	37.0	2.55	0.97	11.32	0.41
DM-37RS395-0243000-90K	24	0.03	33.7	0.12	26.8	3.00	0.92	16.00	0.41

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)