

## DC SPUR GEAR MOTOR DM-13SS050

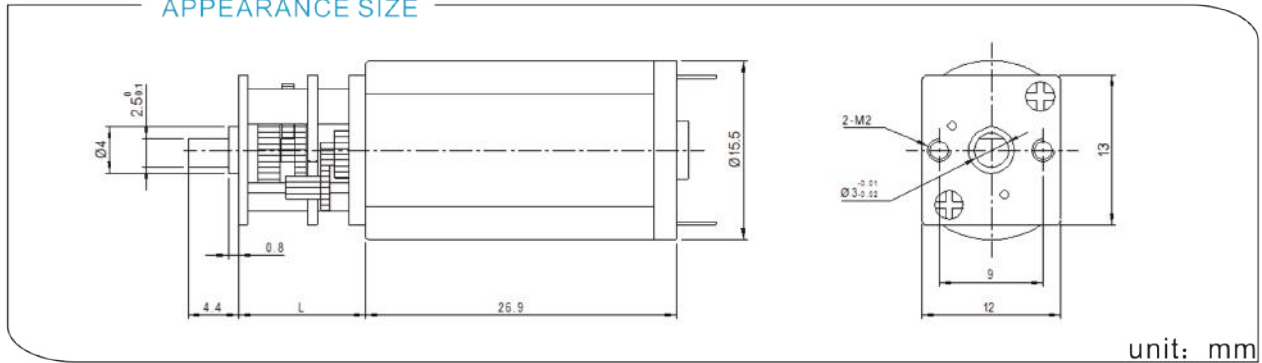
典型应用/Typical applications :

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	4	5
减数比 Reduction Ratio i	3、7、10	16、17、20、30 35、50、63、70、86	115、150、210 250、360
齿轮箱长度 Gearbox Length L (mm)	11	11	11
破坏扭力 Breaking Torque(kgf.cm)	0.6	0.9	2
齿轮箱效率 Gearbox Efficiency η	81%	65%	59%

### 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 (r/min)	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-050-006-9000	6	≤60	9000	≤260	7500	8	0.6	≥30	≥550
DM-050-006-12000	6	≤70	12000	≤300	9300	10	1.0	≥40	≥1000
DM-050-012-9000	12	≤30	9000	≤130	7500	8	0.6	≥30	≥300
DM-050-012-12000	12	≤50	12000	≤200	10000	10	1.0	≥40	≥600

### 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-13SS050-00513000-35K	5	0.11	354.3	0.45	282.5	0.31	0.90	1.53	1.74
DM-13SS050-00513000-63K	5	0.10	202.0	0.41	160.6	0.56	0.92	2.73	1.61
DM-13SS050-00513000-86K	5	0.10	144.6	0.38	117.8	0.66	0.80	3.60	1.69
DM-13SS050-00628000-63K	6	0.44	416.1	1.43	305.1	0.78	2.44	2.91	4.16
DM-13SS050-00630000-86K	6	0.28	317.8	1.11	257.3	0.93	2.46	4.90	4.61

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)