

## DC SPUR GEAR MOTOR DM-16RS050

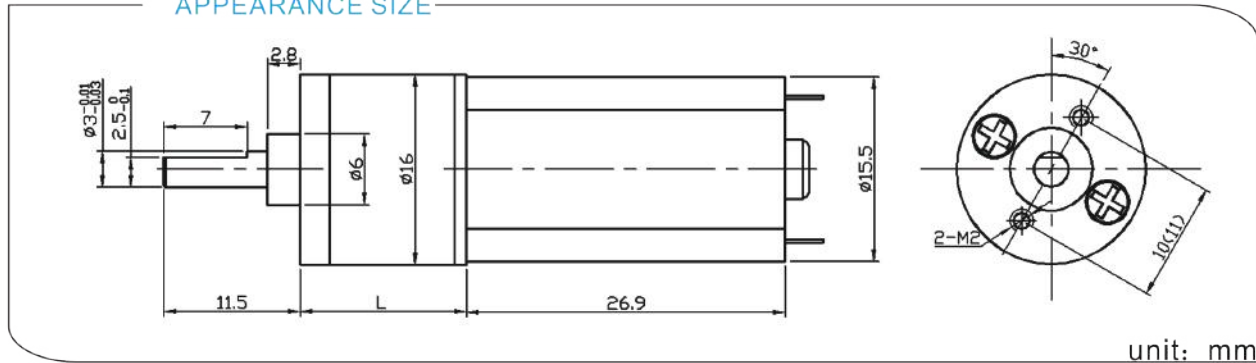
典型应用/Typical applications :

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



齿轮箱参数/Gearbox Data:

级数 Number of stages	3	4	5	6	7
减数比 Reduction Ratio i	10、14	23、28、32、40	46、56、65 79、91、112	130、159、183 224、257、315	365、448、515 631、725、889
齿轮箱长度 Gearbox Length L (mm)	11	12.5	14	15.5	17
破坏扭力 Breaking Torque(kgf.cm)	1	2	3	4	4
齿轮箱效率 Gearbox Efficiency η	73%	65%	59%	53%	48%

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-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	≥6000

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-16RS050-00611400-365K	6	0.07	32.2	0.27	25.50	1.20	0.32	5.82	1.04
DM-16RS050-0068000-365K	6	0.07	23.4	0.26	17.80	1.90	0.35	7.88	0.86
DM-16RS050-0088300-46K	8	0.02	183.1	0.11	144.6	0.16	0.24	0.76	0.42
DM-16RS050-01210500-515K	12	0.03	20.0	0.11	15.50	1.30	0.20	5.70	0.35
DM-16RS050-01215000-40K	12	0.03	376.3	0.16	303.7	0.23	0.73	1.21	0.70

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)