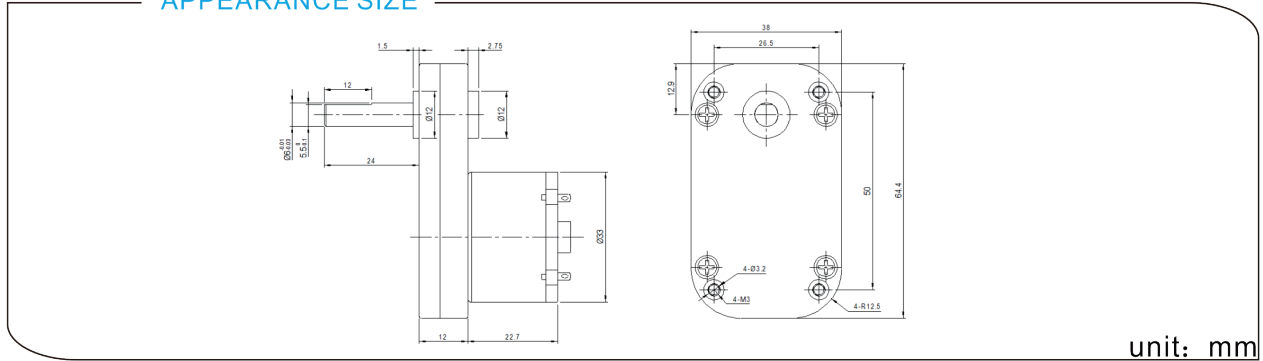


## DC SPUR GEAR MOTOR DM-65SS520

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
减数比 Reduction Ratio i	40.5、67.5	135、152、225	450
齿轮箱长度 Gearbox Length L (mm)	12	12	12
破坏扭力 Breaking Torque(kgf.cm)	10	25	35
齿轮箱效率 Gearbox Efficiency η	73%	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 (nm)	扭矩 (tm)	率功	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-520-012-3000	12	≤20	3000	≤110	2200	25	0.6	≥100	≥400
DM-520-012-4500	12	≤30	4500	≤150	3300	35	1.2	≥140	≥850
DM-520-012-6000	12	≤40	6000	≤400	4500	45	2.1	≥180	≥1400
DM-520-024-3000	24	≤15	3000	≤60	2200	25	0.6	≥100	≥200
DM-520-024-4500	24	≤20	4500	≤80	3300	35	1.2	≥140	≥420

### 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)	率功	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-65SS520-00310000-40.5K	3	0.42	231.6	1.56	175.5	0.92	1.65	3.78	5.13
DM-65SS520-00310000-67.5K	3	0.73	131.7	2.11	94.3	2.02	1.95	7.1	5.58
DM-65SS520-0123500-225K	12	0.02	15.1	0.14	13.3	5.14	0.7	43.35	1.04
DM-65SS520-0124500-225K	12	0.05	19.8	0.22	16.5	6.96	1.18	41.35	1.03
DM-65SS520-0125500-450K	12	0.05	12.0	0.23	9.7	10.31	1.03	54.55	1.01

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)