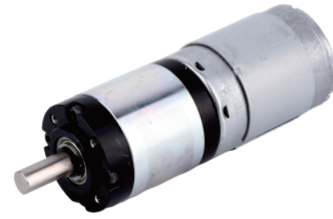
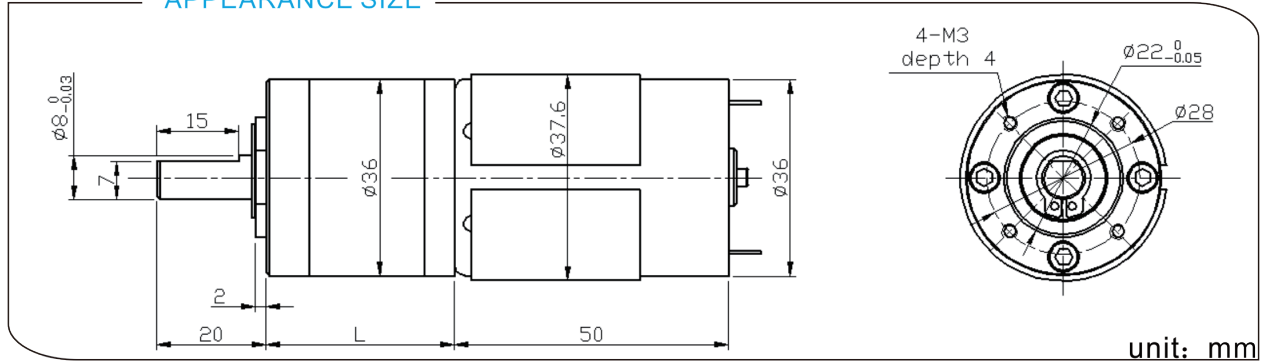


## DC PLANETARY GEAR MOTOR DM-36RP545

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	1	2	3	4	5
减数比 Reduction Ratio i	3.7、5.2	16、19、27	51、71、100 139	189、264、369 515、721	977、1367、1910
齿轮箱长度 Gearbox Length L (mm)	26.5	34.7	42.9	51.1	59.3
破坏扭力 Breaking Torque(kgf.cm)	10	18	40	50	60
齿轮箱效率 Gearbox Efficiency $\eta$	90%	81%	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 (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-545-012-3000	12	≤110	3000	≤450	2200	100	2.3	≥320	≥1440
DM-545-012-4500	12	≤220	4500	≤800	3300	150	5.1	≥480	≥2400
DM-545-012-6000	12	≤350	6000	≤1500	4500	200	9.0	≥640	≥4400
DM-545-024-3000	24	≤60	3000	≤230	2200	100	2.3	≥320	≥720
DM-545-024-4500	24	≤110	4500	≤400	3300	150	5.1	≥480	≥1200

### 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-36RP545-0125000-100K	12	0.2	46.6	1.02	37.9	13.6	5.3	73.0	4.6
DM-36RP545-0126000-100K	12	0.39	59.6	1.59	47.9	16.7	8.21	85.1	6.49
DM-36RP545-0126000-139K	12	0.32	42.0	1.28	34.5	17.7	6.27	99.0	5.73
DM-36RP545-0243000-721K	24	0.07	4.2	0.22	32.0	49.0	1.61	210	0.72
DM-36RP545-0244500-100K	24	0.14	39.6	0.65	31.6	18.0	5.85	89.0	2.63

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\* $\eta$ )