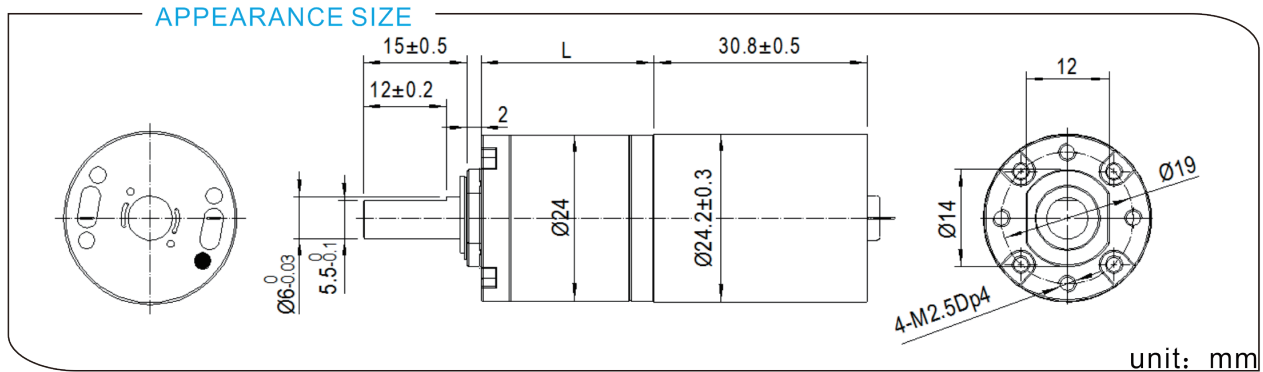


## DC PLANETARY GEAR MOTOR DM-24RP370

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



### 齿轮箱参数/Gearbox Data:

级数 Number of stages	1	2	3	4	5
减数比 Reduction Ratio i	4、4.75	16、22.5	64、107	256、361、509	1024、2418
齿轮箱长度 Gearbox Length L (mm)	16.2	20.8	25.4	30	34.6
破坏扭力 Breaking Torque(kgf.cm)	2	3	4	5	5
齿轮箱效率 Gearbox Efficiency η	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-370-006-3000	6	≤40	3000	≤160	2500	15	0.4	≥68	≥520
DM-370-006-4500	6	≤56	4500	≤300	3300	25	0.8	≥115	≥860
DM-370-006-6000	6	≤80	6000	≤450	4500	35	1.6	≥165	≥1800
DM-370-012-3000	12	≤20	3000	≤80	2500	15	0.4	≥68	≥250
DM-370-012-4500	12	≤35	4500	≤150	3300	25	0.8	≤115	≥550

### 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-24RP370-0063800-256K	6	0.04	13.1	0.19	9.90	2.92	0.29	9.71	0.65
DM-24RP370-0068500-64K	6	0.16	127.7	0.65	99.9	1.22	1.57	5.62	2.41

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)