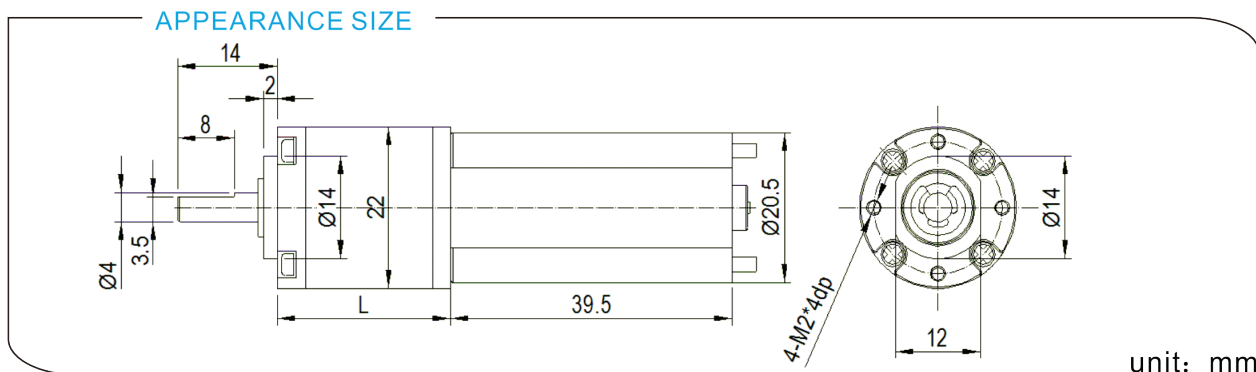


DC PLANETARY GEAR MOTOR DM-22RP2140

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、79、107	256、361、509	1024、2418
齿轮箱长度 Gearbox Length L (mm)	15.2	19.8	24.4	29	33.6
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 (nm)	扭矩	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-2140-009-5000	9	≤80	5000	≤220	4600	20	0.9	≥250	≥2100
DM-2140-012-6000	12	≤80	6000	≤220	5700	20	1.1	≥400	≥2200
DM-2140-012-4500	12	≤55	4500	≤150	4050	20	0.9	≥200	≥1200
DM-2140-024-6000	24	≤40	6000	≤110	5400	20	1.2	≥200	≥800

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	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-22RP2140-095000-107K	9	0.82	45.1	0.31	35	2.94	1.05	13.1	1.11
DM-22RP2140-095000-256K	9	0.84	18.3	0.3	14.5	5.74	0.85	27.18	1.12
DM-22RP2140-124500-107K	12	0.71	39.7	0.23	29.9	2.98	0.91	12.11	0.74
DM-22RP2140-126000-509K	12	0.26	9.8	0.56	6.1	10.75	1.08	51.75	1.05
DM-22RP2140-246000-1024K	24	0.19	3.7	0.28	2.6	26.01	0.98	91.19	0.49

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_m/i)

Gear Motor Output Torque=DC Motor Torque*Gear Ratio*Gearbox Efficiency. (t=t_m*i*η)