

DC PLANETARY GEAR MOTOR DM-16RPR130

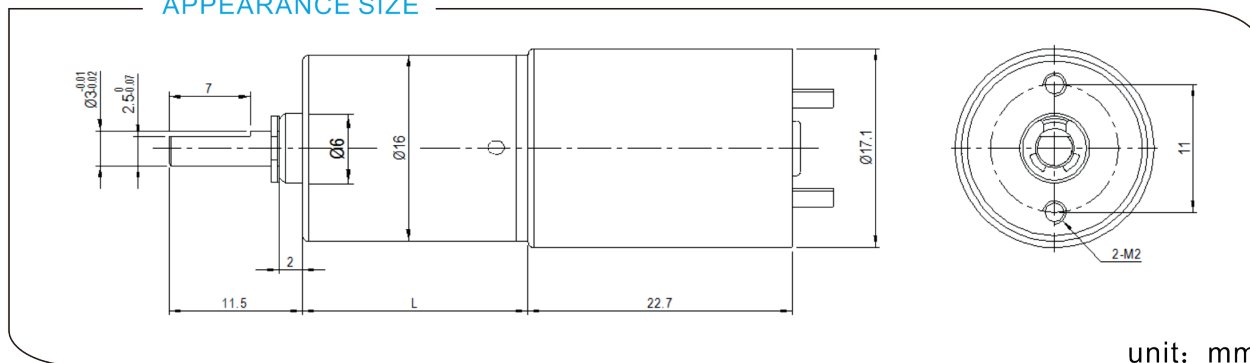
典型应用/Typical applications :

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



unit: mm

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)	18.1	22.7	27.3	31.9	36.5
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 (tm)	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-R130-1.5-9000	1.5	≤170	9200	≤800	7600	7	0.5	≥30	≥2500
DM-R130-3.5-12000	3.5	≤35	4700	≤135	3700	4.9	0.2	≥19	≥320
DM-R130-4.5-9000	4.5	≤85	9000	≤150	8500	2	0.2	≥28	≥680
DM-R130-006-12000	6	≤45	8100	≤200	6800	7	0.5	≥30	≥560

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-16RPR130-4.59000-256K	4.5	0.09	33.1	0.29	24.6	1.36	0.35	5.3	0.89

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. ($t=t_m*i*\eta$)