

DC PLANETARY GEAR MOTOR DM-28RP385

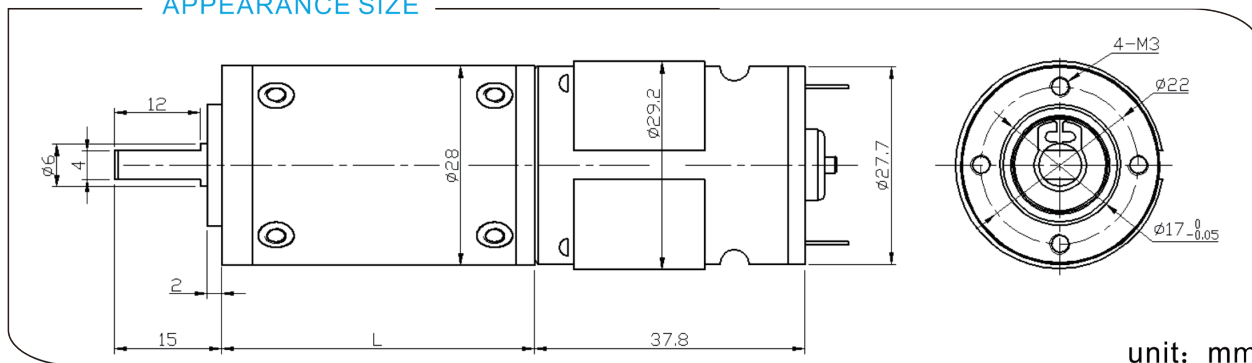
典型应用/Typical applications :

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
减数比 Reduction Ratio i	3.7、5.2	14、19、27	51、71、100、139	189、264、369 515、721
齿轮箱长度 Gearbox Length L (mm)	27.5	35.7	43.9	52.1
破坏扭力 Breaking Torque(kgf.cm)	6	10	20	40
齿轮箱效率 Gearbox Efficiency η	90%	81%	73%	65%

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)	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-385-012-3000	12	≤60	3000	≤150	2200	35	0.8	≥110	≥360
DM-385-012-4500	12	≤70	4500	≤300	3300	55	1.9	≥210	≥960
DM-385-012-6000	12	≤100	6000	≤600	4500	80	3.7	≥280	≥1600
DM-385-024-3000	24	≤28	3000	≤70	2200	35	0.8	≥110	≥160
DM-385-024-4500	24	≤50	4500	≤150	3300	55	1.9	≥180	≥380

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 (tm)	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-28RP385-0124500-27K	12	0.11	163.7	0.35	126	1.5	1.92	6.4	1.16
DM-28RP385-0126000-51K	12	0.14	114.1	0.49	90.9	2.7	2.53	13.3	1.86
DM-28RP385-01215000-51K	12	0.68	295.2	2.28	225.3	4.8	10.99	20.0	7.45
DM-28RP385-0243000-139K	24	0.05	25.1	0.16	18.8	6.5	1.26	26.2	0.48
DM-28RP385-0247500-100K	24	0.26	75	0.71	59.7	6.7	4.11	28.57	1.77

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