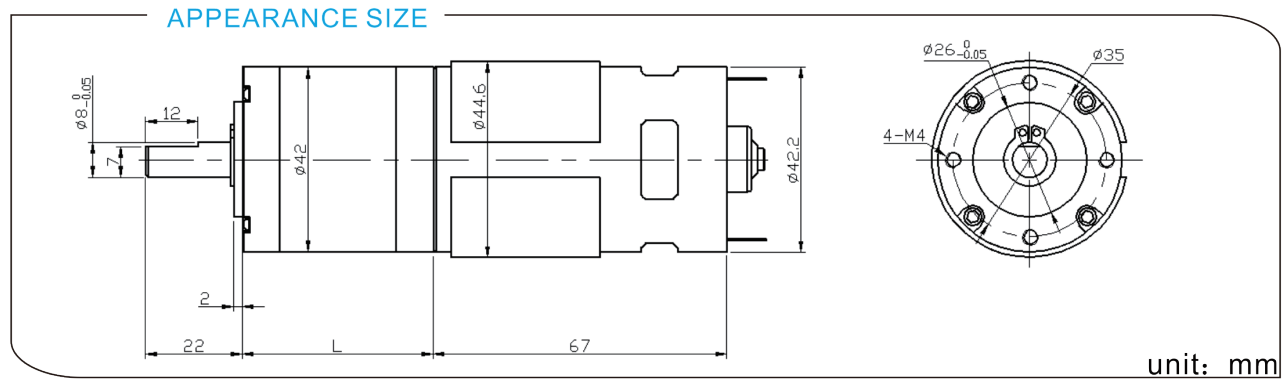


DC PLANETARY GEAR MOTOR DM-42RP775

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
减数比 Reduction Ratio i	3.7、5	13、18、25	49、67、92、125	181、246、336 458、625
齿轮箱长度 Gearbox Length L (mm)	33.2	43.6	54	64.4
破坏扭力 Breaking Torque(kgf.cm)	15	25	50	90
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 _m)	扭矩 (t _m)	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-775-012-3000	12	≤280	3000	≤1300	2600	450	12	≥3600	≥8600
DM-775-012-4500	12	≤450	4500	≤2100	3800	500	19.5	≥4600	≥16200
DM-775-012-6000	12	≤680	6000	≤3600	5200	600	32	≥5600	≥27200
DM-775-024-3000	24	≤120	3000	≤920	2600	450	12	≥2800	≥5100
DM-775-024-4500	24	≤230	4500	≤1400	3800	500	19.5	≥4100	≥11000

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-42RP775-0127000-13K	12	0.97	509.1	4.15	420.6	5.69	24.57	26.2	19.31
DM-42RP775-0127000-25K	12	0.79	269.9	4.08	218.9	10.9	24.57	46.2	18.2
DM-42RP775-0128000-18K	12	2.1	444.4	6.37	324.2	7.34	24.44	31.48	15.7
DM-42RP775-0243600-125K	24	0.29	28.8	1.40	23.1	44.4	10.54	218.7	4.2
DM-42RP775-0248000-92K	24	0.83	86.9	3.88	73.2	21.69	16.29	114.8	12.7

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