

DC SPUR GEAR MOTOR DM-37RS555

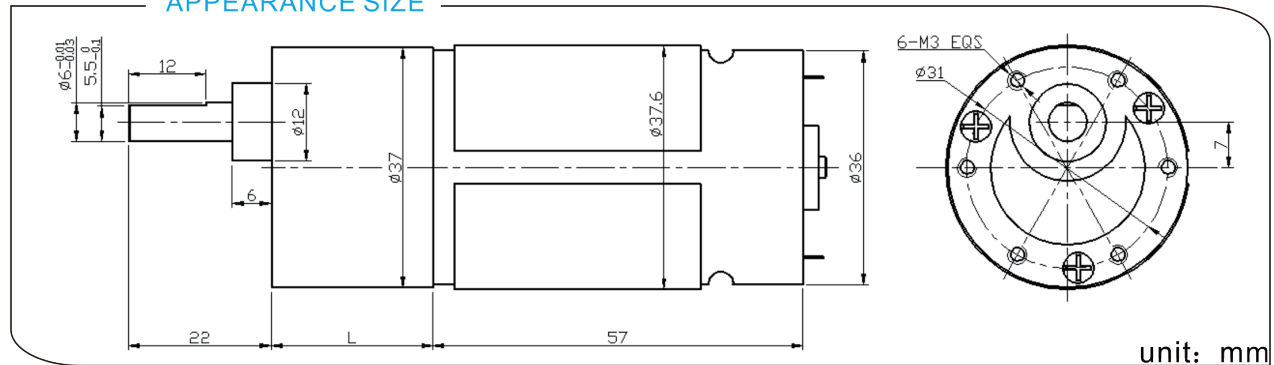
典型应用/Typical applications :

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	2	3	4	5	6	7
减数比 Reduction Ratio i	6.8、10	20、30	61、90	107、122、 184、270	311、414、 552、810	1243 1657、2430
齿轮箱长度 Gearbox Length L (mm)	19	22.5	25	27.5	30	31.5
破坏扭力 Breaking Torque(kgf.cm)	8	10	30	30	40	40
齿轮箱效率 Gearbox Efficiency η	81%	72%	65%	59%	53%	47%

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)	率功	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-555-012-3000	12	≤140	3000	≤800	2200	150	3.4	≥480	≥2400
DM-555-012-4500	12	≤220	4500	≤1200	3300	220	7.4	≥700	≥3840
DM-555-012-6000	12	≤350	6000	≤2000	4500	300	13.8	≥960	≥4800
DM-555-024-3000	24	≤70	3000	≤400	2200	150	3.4	≥480	≥1280
DM-555-024-4500	24	≤110	4500	≤600	3300	220	7.4	≥700	≥2400

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)	率功	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
DM-37RS555-0066000-61K	6	0.54	95.1	1.99	74.0	5.4	4.13	24.4	7.1
DM-37RS555-0123000-178K	12	0.15	16.2	0.69	13.3	20.9	2.86	115.2	3.18
DM-37RS555-0123000-30K	12	0.13	94.5	0.58	78.6	4.3	3.51	25.8	2.78
DM-37RS555-0124500-61K	12	0.33	72.4	1.68	58.8	14.4	8.72	76.9	7.55
DM-37RS555-0246000-90K	24	0.35	66.6	1.76	53.4	23.9	13.12	104.8	4.54

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)