

DC SPUR GEAR MOTOR DM-37RS3525

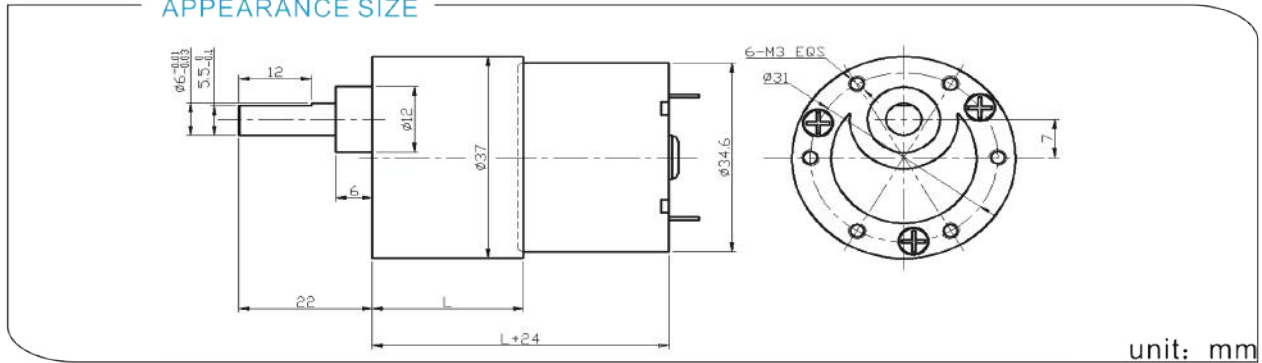
典型应用/Typical applications :

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	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-3525-012-3000	12	≤40	3000	≤170	2200	25	0.6	≥120	≥600
DM-3525-012-4500	12	≤60	4500	≤250	3300	35	1.2	≥180	≥900
DM-3525-012-6000	12	≤100	6000	≤450	4500	45	2.1	≥200	≥1300
DM-3525-024-3000	24	≤25	3000	≤80	2200	25	0.6	≥100	≥300
DM-3525-024-4500	24	≤30	4500	≤130	3300	35	2.1	≥180	≥450

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-37RS3525-0063000-810K	6	0.09	3.6	0.21	2.3	9.5	0.23	27.8	0.43
DM-37RS3525-0068000-534K	6	0.27	15.2	1.0	11.8	14.0	1.7	62.4	3.54
DM-37RS3525-0126000-61K	12	0.03	92.3	0.22	77.2	1.4	1.17	9.0	1.18
DM-37RS3525-0126000-90K	12	0.04	64.6	0.23	54.0	2.2	1.25	13.6	1.17
DM-37RS3525-0129000-534K	12	0.06	16.2	0.48	13.8	14.0	1.98	94.7	2.91

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)