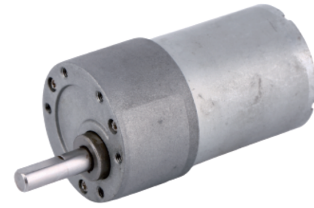
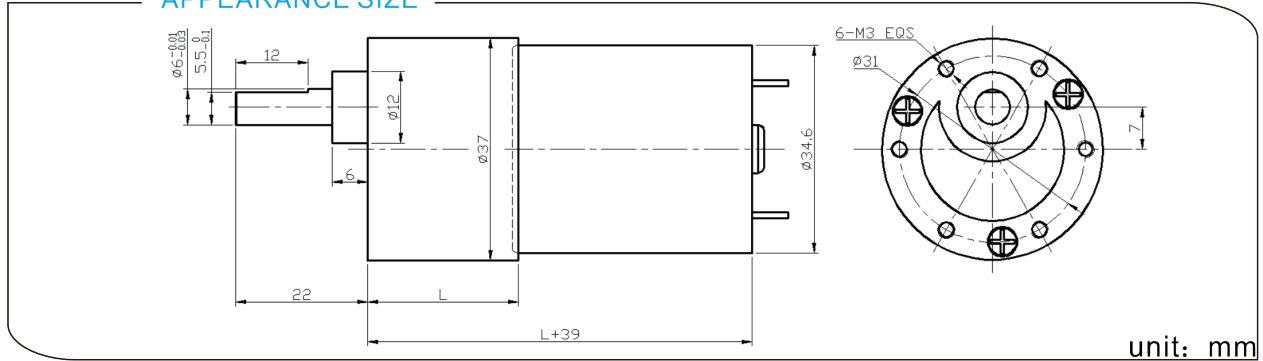


DC SPUR GEAR MOTOR DM-37RS3540

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-3540-012-3000	12	≤50	3000	≤300	2200	60	1.4	≥240	≥800
DM-3540-012-4500	12	≤70	4500	≤500	3300	70	2.4	≥500	≥2000
DM-3540-012-6000	12	≤100	6000	≤700	4500	80	3.7	≥600	≥2500
DM-3540-024-3000	24	≤25	3000	≤150	2200	60	1.4	≥220	≥500
DM-3540-024-4500	24	≤35	4500	≤250	3300	70	2.4	≥240	≥800

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	A
DM-37RS3540-0066000-61K	6	0.13	92.0	0.65	74.1	1.9	1.49	10.1	2.84
DM-37RS3540-0067000-121K	6	0.17	55.3	0.62	43.3	2.6	1.19	12.4	2.25
DM-37RS3540-0068000-61K	6	0.26	130.9	1.35	107.4	3.0	3.39	17.2	6.35
DM-37RS3540-0123000-30K	12	0.03	100.4	0.13	84.3	0.9	0.84	6.0	0.68
DM-37RS3540-0123000-90K	12	0.04	32.7	0.16	27.1	2.7	0.76	16.0	0.73

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)