

## DC SPUR GEAR MOTOR DM-33RS3540

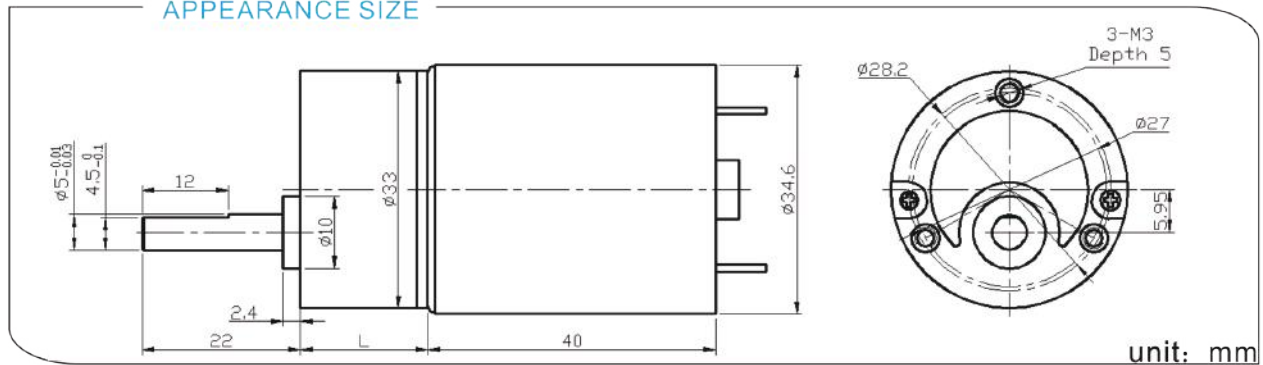
典型应用/Typical applications :

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	3	4	5	6	7
减数比 Reduction Ratio i	20	50	125	312.5	781
齿轮箱长度 Gearbox Length L (mm)	17.7	19.9	22.2	24.4	26.75
破坏扭力 Breaking Torque(kgf.cm)	10	15	20	24	24
齿轮箱效率 Gearbox Efficiency $\eta$	73%	65%	59%	53%	48%

### 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 (nm)	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-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)	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-33RS3540-0067500-90K	6	0.35	81.5	1.35	65.9	3.2	2.16	16.7	5.61
DM-33RS3540-0067500-125K	6	0.25	56.0	1.10	43.7	4.5	2.01	20.4	4.16
DM-33RS3540-0128000-50K	12	0.08	156.4	0.52	138.7	2.0	2.89	18.0	3.97

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