

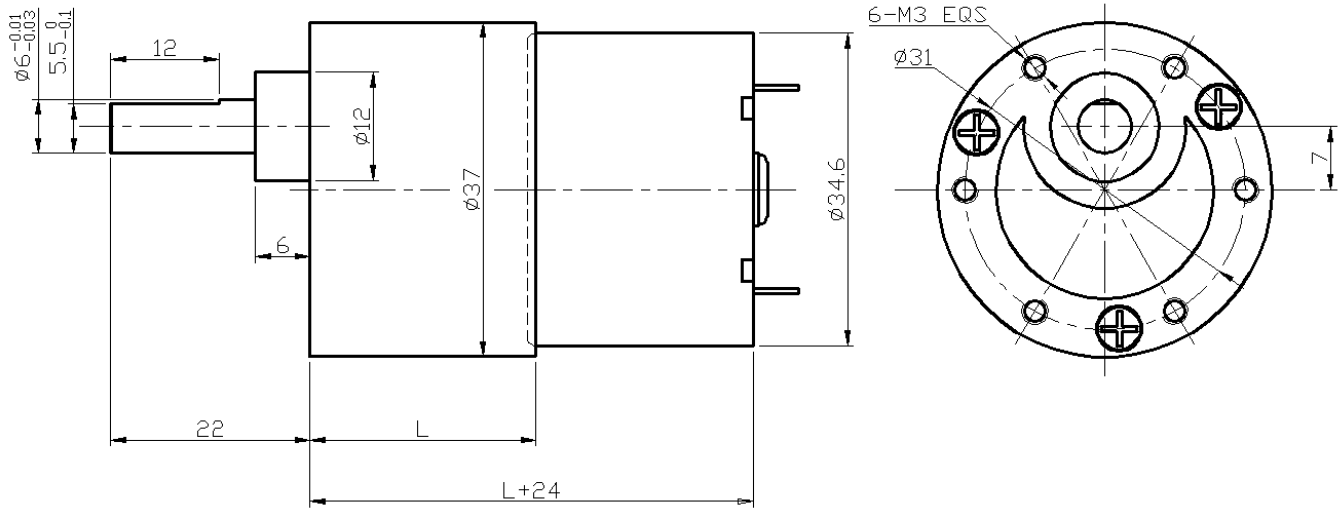
# DM-37RS3525 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

典型应用/Typical applications :

仪器仪表、电动工具、咖啡机、自动售卖机、按摩器、游戏机、推窗器、自动化设备

Instrument, Electric tools, Coffee machine, Vending machine, Massager, Game machine, Electric window opener, Automation equipment



## Gearbox Data :

Number of stages	2	3	4	5	6	7
Reduction ratio	6.8、10	20、30	61、90	122、184、270	311、414、534 552、810	1243、1656 2430
Gearbox length "L"mm	19	22.5	25	27.5	30	31.5
Breaking torque(kgf.cm)	8	10	30	30	40	40
Gearbox efficiency	81%	73%	65%	59%	53%	48%

## Driving Motor Data :

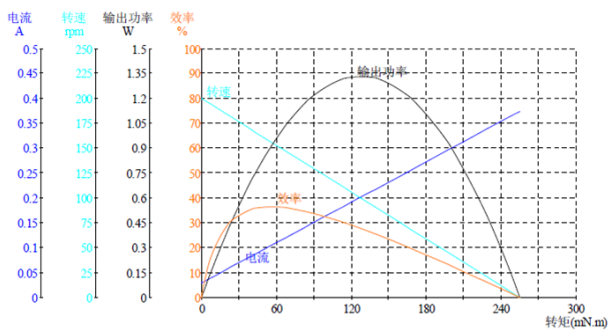
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
DM-3525-012-3000	12	≤40	3000	≤170	2200	25	0.6	≥120	≥600
DM-3525-012-4500	12	≤60	4500	≤250	3300	35	1.2	≥180	≥900
DM-3525-012-6000	12	≤100	6000	≤450	4500	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	1.2	≥180	≥450
DM-3525-024-6000	24	≤50	6000	≤170	4500	45	2.1	≥250	≥700

## Geared Motor Data :

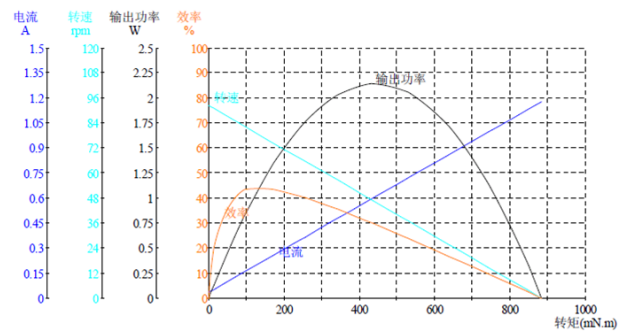
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
DM-37RS35250063000-810K	6.0	0.09	3.6	0.21	2.3	9.5	0.23	27.8	0.43
DM-37RS35250068000-534K	6.0	0.27	15.2	1.00	11.8	14.0	1.70	62.4	3.54
DM-37RS35250126000-61K	12.0	0.03	92.3	0.22	77.2	1.4	1.17	9.0	1.18
DM-37RS35250126000-90K	12.0	0.04	64.6	0.23	54.0	2.2	1.25	13.6	1.17
DM-37RS35250129000-534K	12.0	0.06	16.2	0.48	13.8	14.0	1.98	94.7	2.91
DM-37RS35250243000-121K	24.0	0.03	21.6	0.07	16.5	2.6	0.44	11.1	0.22
DM-37RS35250243200-810K	24.0	0.03	3.8	0.07	2.7	13.1	0.36	42.7	0.16
DM-37RS35250244500-6.8K	24.0	0.03	624.5	0.11	488.7	0.2	1.09	1.0	0.39
DM-37RS35250244500-20K	24.0	0.03	199.8	0.11	155.3	0.6	0.93	2.6	0.37
DM-37RS35250245400-1243K	24.0	0.02	4.1	0.10	3.2	16.5	0.55	78.1	0.37
DM-37RS35250246000-10K	24.0	0.04	610.3	0.19	491.0	0.5	2.37	2.4	0.79
DM-37RS35250246000-30K	24.0	0.03	204.5	0.15	172.9	0.9	1.58	5.7	0.82
DM-37RS35250246000-184K	24.0	0.03	32.6	0.12	26.5	4.0	1.08	21.0	0.53
DM-37RS35250248000-30K	24.0	0.04	262.8	0.26	223.4	1.2	2.73	7.9	1.48

## Curve Chart :

Model: DM-37RS35250244500-20K



Model: DM-37RS35250126000-61K



## **Remark:**

**Gear Motor Torque=Driving motor torque\*Reduction ratio\*Gearbox efficiency;  
Gear Motor Speed=Driving motor speed/Reduction ratio**

**Motor detailed config can be customized according to customer's requests,  
like voltage,speed,as well as shaft length and shape...**

**Welcome OEM or ODM projects**