

# WL-37RS528 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

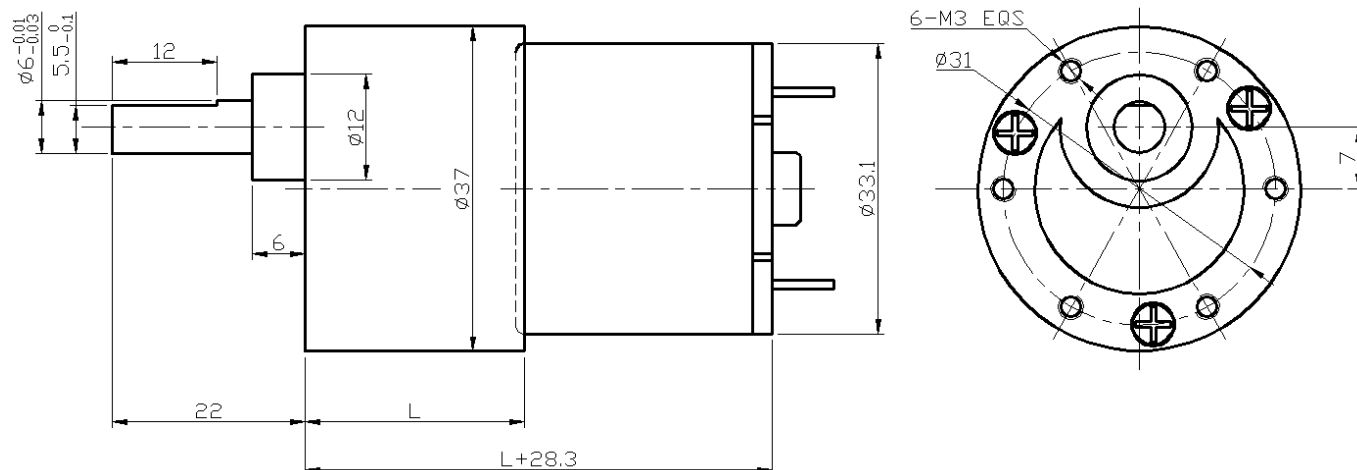
典型应用/Typical applications :

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 :

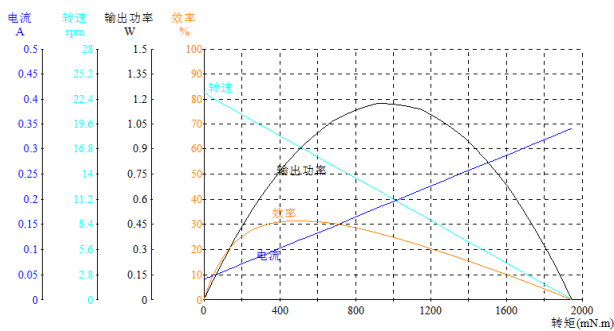
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-528-012-3000	12	≤40	3000	≤180	2200	40	0.9	≥160	≥720
WL-528-012-4500	12	≤60	4500	≤350	3300	60	2.0	≥210	≥1400
WL-528-012-6000	12	≤70	6000	≤720	4500	80	3.7	≥300	≥2800
WL-528-024-3000	24	≤15	3000	≤80	2200	40	0.9	≥140	≥320
WL-528-024-4500	24	≤25	4500	≤180	3300	60	2.0	≥210	≥730
WL-528-024-6000	24	≤45	6000	≤360	4500	80	3.7	≥300	≥1400

## Geared Motor Data :

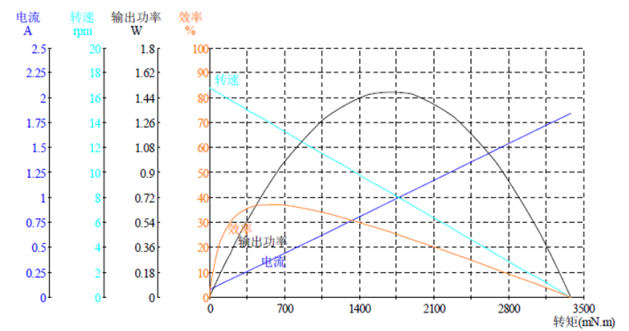
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-37RS5280064500-270K	6.0	0.08	16.8	0.35	14.1	5.0	0.79	34.5	1.84
WL-37RS5280067000-30K	6.0	0.22	230.4	0.97	191.8	1.2	2.39	7.3	4.66
WL-37RS5280068000-61K	6.0	0.22	133.6	1.03	110.2	2.5	2.78	14.0	4.91
WL-37RS5280123000-810K	12.0	0.05	3.4	0.15	2.5	18.8	0.49	71.2	0.42
WL-37RS5280126000-30K	12.0	0.07	190.9	0.29	158.8	0.9	1.44	5.3	1.42
WL-37RS5280126000-61K	12.0	0.08	92.0	0.34	75.1	2.0	1.55	11.0	1.48
WL-37RS5280243000-552K	24.0	0.01	5.3	0.06	4.2	8.9	0.39	44.0	0.23
WL-37RS5280244500-184K	24.0	0.04	23.1	0.12	16.9	5.0	0.92	19.8	0.34
WL-37RS5280245200-121K	24.0	0.03	43.3	0.13	35.6	2.90	1.06	16.3	0.57
WL-37RS5280246000-6.8K	24.0	0.10	809.7	0.32	619.9	0.45	2.84	1.9	1.04
WL-37RS5280246000-30K	24.0	0.04	188.2	0.17	152.5	1.2	1.84	6.2	0.75
WL-37RS5280246000-61K	24.0	0.07	86.0	0.23	65.0	2.9	1.94	11.8	0.73
WL-37RS5280246000-270K	24.0	0.03	21.7	0.18	18.1	8.6	1.60	52.2	0.94
WL-37RS5280247000-534K	24.0	0.07	12.6	0.26	9.9	18.0	1.83	84.6	0.96

## Curve Chart :

Model: WL-37RS5280244500-184K



Model: WL-37RS5280064500-270K



## **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...**

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