

# WL-100SS555 DC SPUR GEAR MOTOR

基本电压/Main voltage : 12VDC、24VDC

典型应用/Typical applications :

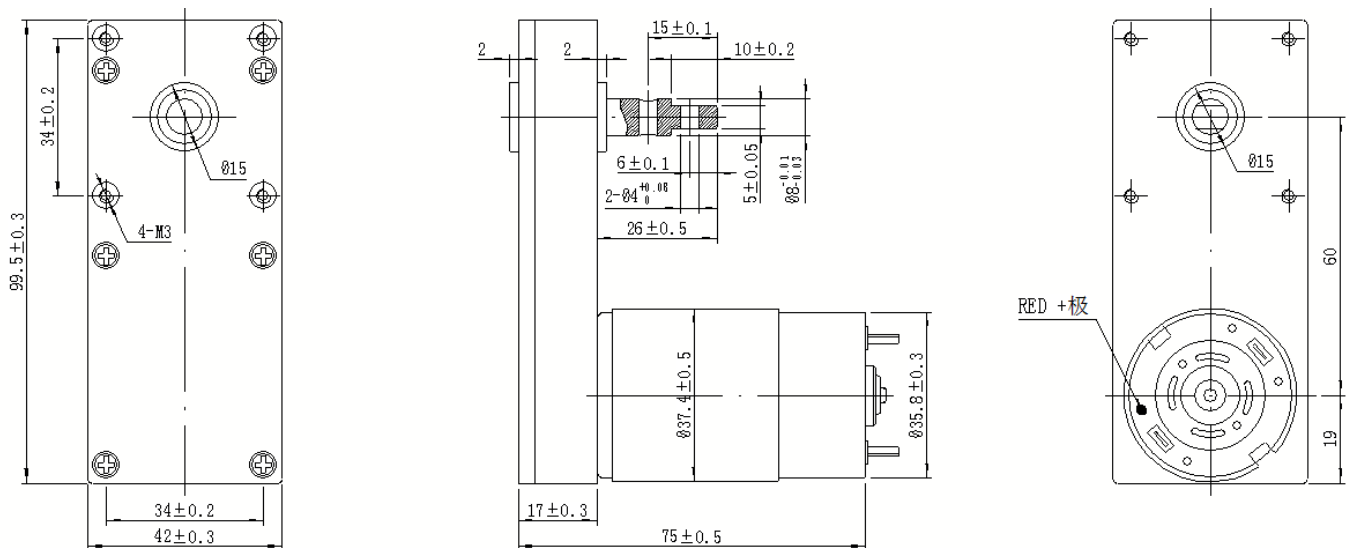
平移/倾斜相机、自动快门、焊接机器、水表 IC  
卡、烧烤烤箱、清洗机、垃圾处置者、家用电器、  
老虎机、钱探测器、自动执行机构、咖啡机、毛巾处置、  
照明硬币退还设备、蠕动泵。

Pan/tilt camera, automatic shutter, welding machine, IC water meter

Card, barbecue oven, washing machine, waste disposal, household appliances,

Slot machines, money detector, automatic actuator, coffee machine, towel disposal,

Lighting coin returned equipment, peristaltic pump.



## Gearbox Data :

Number of stages	5
Reduction ratio	400
Gearbox length "L"mm	17
Breaking torque(kgf.cm)	120
Gearbox efficiency	59%

## Driving Motor Data :

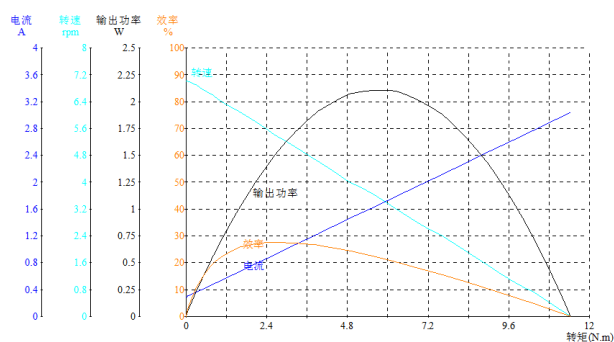
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-555-012-3000	12	≤140	3000	≤800	2200	150	3.4	≥480	≥2400
WL-555-012-4500	12	≤220	4500	≤1200	3300	220	7.4	≥700	≥3840
WL-555-012-6000	12	≤350	6000	≤2000	4500	300	13.8	≥960	≥4800
WL-555-024-3000	24	≤70	3000	≤400	2200	150	3.4	≥480	≥1280
WL-555-024-4500	24	≤110	4500	≤600	3300	220	7.4	≥700	≥2400
WL-555-024-6000	24	≤180	6000	≤1000	4500	300	13.8	≥960	≥3200

## Geared Motor Data :

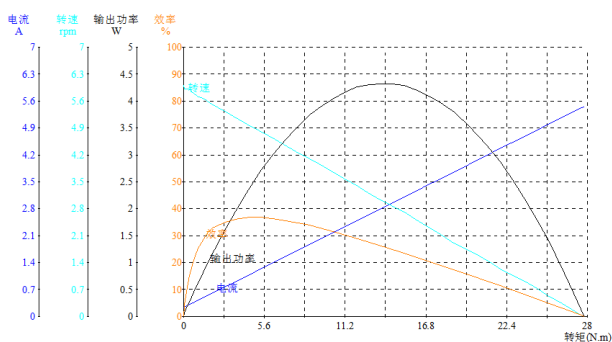
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-100SS5550063000-400K	6.0	0.31	7.0	0.92	5.4	27.0	1.50	116.0	3.03
WL-100SS5550064500-744K	6.0	0.21	6.0	1.01	5.0	43.3	2.24	280.0	5.45
WL-100SS5550123000-400K	12.0	0.12	8.1	0.39	5.4	37.0	2.10	116.0	1.43
WL-100SS5550244500-400K	24.0	0.20	11.1	0.84	8.6	77.6	6.86	348.0	3.10

## Curve Chart :

Model: WL-100SS5550063000-400K



Model: WL-100SS5550064500-744K



## 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 OWL projects