

WL-37RS555 DC SPUR GEAR MOTOR

基本电压/Main voltage : 12VDC、24VDC

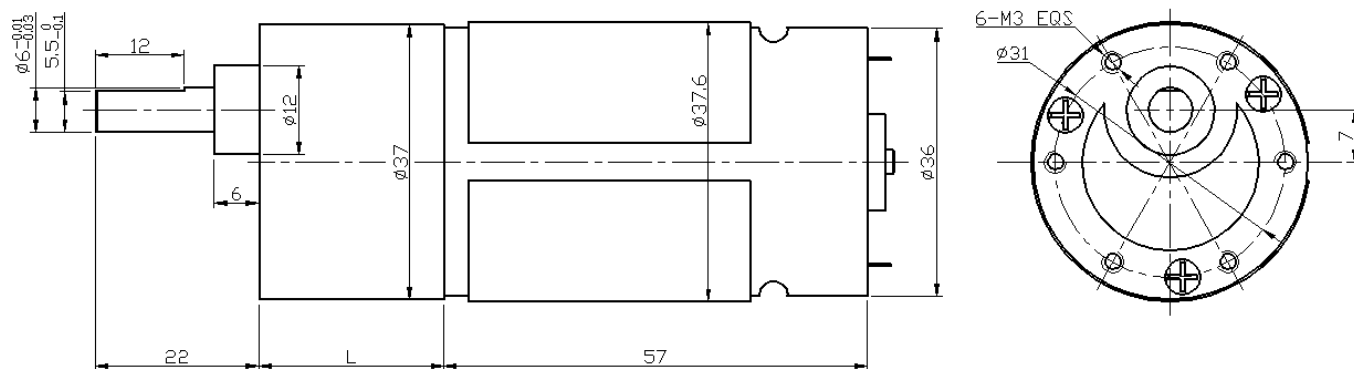
典型应用/Typical applications :

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 :

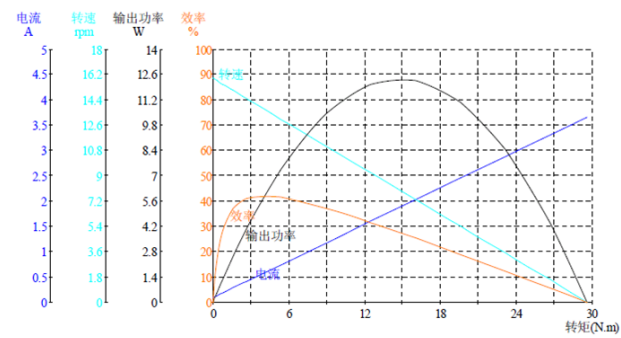
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-555-012-3000	12	≤ 140	3000	≤ 800	2200	150	3.4	≥ 480	≥ 2400
WL-555-012-4500	12	≤ 220	4500	≤ 1200	3300	220	7.4	≥ 700	≥ 3840
WL-555-012-6000	12	≤ 350	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 :

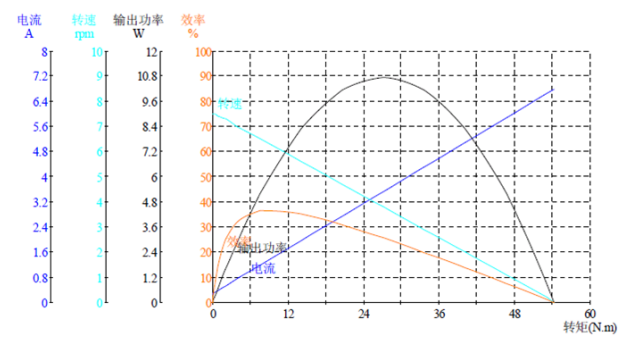
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-37RS5550066000-61K	6.0	0.54	95.1	1.99	74.0	5.4	4.13	24.4	7.10
WL-37RS5550123000-178K	12.0	0.15	16.2	0.69	13.3	20.9	2.86	115.2	3.18
WL-37RS5550123000-30K	12.0	0.13	94.5	0.58	78.6	4.3	3.51	25.8	2.78
WL-37RS5550124500-61K	12.0	0.33	72.4	1.68	58.8	14.4	8.72	76.9	7.55
WL-37RS5550126000-10K	12.0	0.35	614.4	1.94	511.4	2.2	11.82	13.4	9.85
WL-37RS5550126000-121K	12.0	0.46	49.0	1.73	39.8	22.9	9.39	122.2	7.26
WL-37RS5550126000-20K	12.0	0.34	307.1	1.84	251.3	4.3	11.16	2.3	8.57
WL-37RS5550126000-30K	12.0	0.40	206.8	1.96	164.0	6.9	11.75	33.7	7.92
WL-37RS5550126000-61K	12.0	0.31	100.7	1.56	82.2	9.9	8.38	53.9	7.12
WL-37RS5550126000-810K	12.0	0.34	7.5	1.44	6.2	99.0	6.32	554.0	6.78
WL-37RS5550127000-30K	12.0	0.53	237.5	2.30	188.0	7.3	14.11	35.0	8.99
WL-37RS5550128500-20K	12.0	0.36	385.3	1.89	328.7	3.5	12.05	24.3	10.77
WL-37RS5550128500-30K	12.0	0.43	266.8	2.20	226.5	5.8	13.68	38.9	12.18
WL-37RS5550128500-90K	12.0	0.52	88.9	2.52	73.5	17.2	13.01	99.4	12.05
WL-37RS5550244500-270K	24.0	0.10	15.9	0.60	13.7	42.0	6.01	302.0	3.65
WL-37RS5550244500-810K	24.0	0.08	5.1	0.42	4.2	56.9	2.46	336.1	2.08
WL-37RS5550244500-90K	24.0	0.10	47.1	0.66	39.7	17.2	7.05	110.3	3.67
WL-37RS5550246000-270K	24.0	0.20	22.6	0.99	19.4	47.6	9.50	340.6	5.85
WL-37RS5550246000-61K	24.0	0.19	96.2	1.05	82.1	12.8	10.84	87.9	6.12
WL-37RS5550246000-90K	24.0	0.24	67.8	1.18	56.5	20.8	12.11	125.5	5.90
WL-37RS5550247000-184K	24.0	0.23	36.9	1.36	31.5	42.6	13.81	290.8	7.92
WL-37RS5550249000-270K	24.0	0.33	35.3	1.95	31.4	75.8	24.45	681.7	15.14

Curve Chart :

Model: WL-37RS5550244500-270K



Model: WL-37RS5550126000-810K



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