

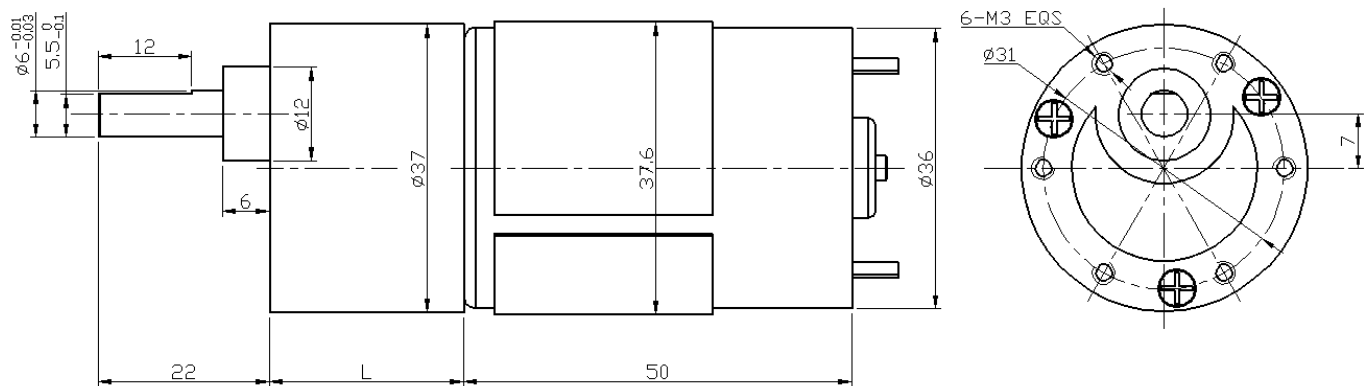
WL-37RS545 DC SPUR GEAR MOTOR

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 :

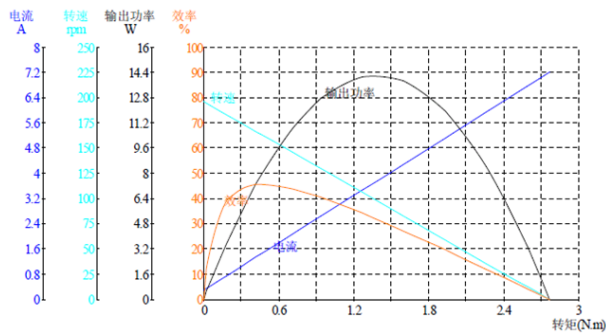
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-545-012-3000	12	≤110	3000	≤450	2200	100	2.3	≥320	≥1440
WL-545-012-4500	12	≤220	4500	≤800	3300	150	5.1	≥480	≥2400
WL-545-012-6000	12	≤350	6000	≤1500	4500	200	9.2	≥640	≥4400
WL-545-024-3000	24	≤60	3000	≤230	2200	100	2.3	≥320	≥720
WL-545-024-4500	24	≤110	4500	≤400	3300	150	5.1	≥480	≥1200
WL-545-024-6000	24	≤150	6000	≤750	4500	200	9.2	≥640	≥2400

Geared Motor Data :

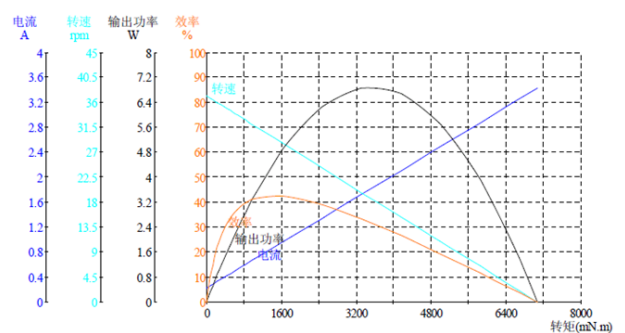
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-37RS5450123000-311K	12.0	0.11	9.9	0.31	7.5	12.2	0.94	50.8	0.96
WL-37RS5450123400-90K	12.0	0.18	36.5	0.79	28.6	12.0	3.52	55.1	2.98
WL-37RS5450124500-121K	12.0	0.23	37.1	0.95	28.7	16.0	4.85	72.0	3.42
WL-37RS5450124500-61K	12.0	0.21	72.6	0.93	58.1	7.1	4.22	35.3	3.77
WL-37RS5450125000-20K	12.0	0.18	244.2	0.89	198.4	2.4	4.82	12.6	3.94
WL-37RS5450126000-30K	12.0	0.29	196.1	1.58	159.4	5.3	8.64	28.2	7.20
WL-37RS5450126000-61K	12.0	0.39	96.8	1.61	76.8	9.5	7.47	45.9	6.33
WL-37RS5450126000-90K	12.0	0.23	64.2	1.37	54.5	12.0	6.71	79.5	7.82
WL-37RS5450243000-184K	24.0	0.05	15.8	0.24	13.1	13.8	1.86	82.0	1.15
WL-37RS5450244500-121K	24.0	0.09	37.3	0.46	31.4	11.2	3.61	70.9	2.45
WL-37RS5450244500-184K	24.0	0.09	23.8	0.48	19.8	21.6	4.39	128.6	2.44
WL-37RS5450246000-534K	24.0	0.14	11.3	0.69	9.2	57.3	5.43	317.8	3.21

Curve Chart :

Model: WL-37RS5450126000-30K



Model: WL-37RS5450124500-121K



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

