

WL-37RS3530 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

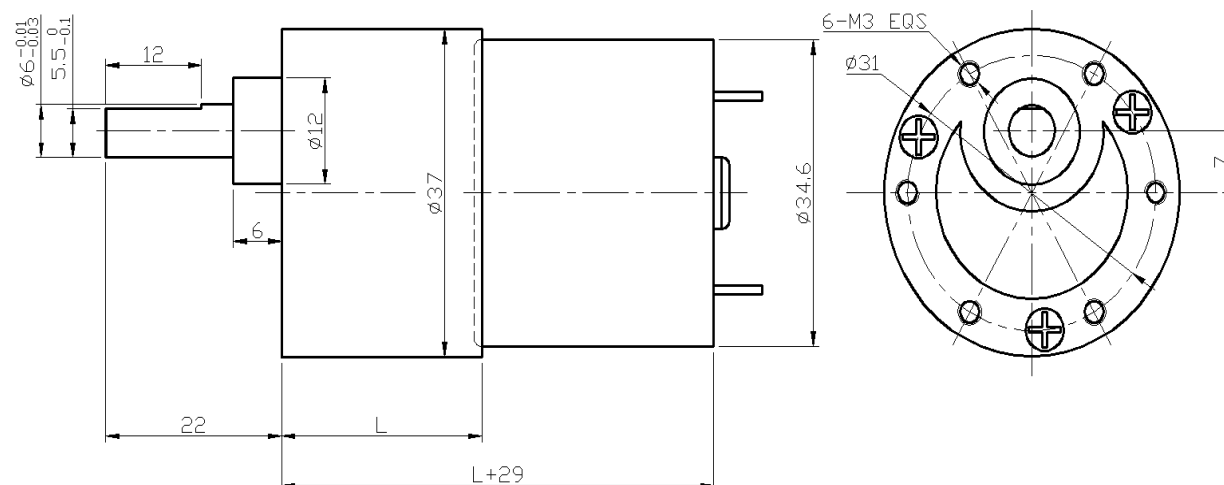
典型应用/Typical applications :

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 :

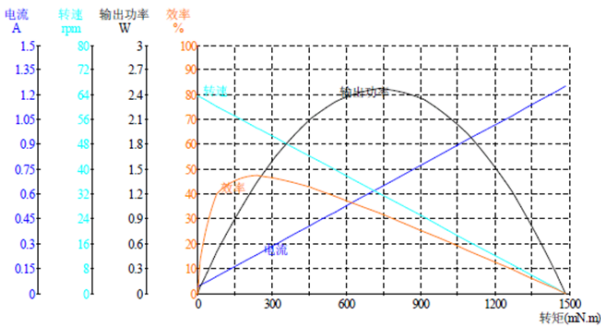
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-3530-012-3000	12	≤ 40	3000	≤ 240	2200	40	0.9	≥ 160	≥ 700
WL-3530-012-4500	12	≤ 60	4500	≤ 450	3300	50	1.7	≥ 300	≥ 1400
WL-3530-012-6000	12	≤ 90	6000	≤ 700	4500	60	2.8	≥ 350	≥ 2000
WL-3530-024-3000	24	≤ 20	3000	≤ 150	2200	40	0.9	≥ 160	≥ 400
WL-3530-024-4500	24	≤ 30	4500	≤ 230	3300	50	1.7	≥ 220	≥ 600
WL-3530-024-6000	24	≤ 45	6000	≤ 360	4500	60	2.8	≥ 330	≥ 900

Geared Motor Data :

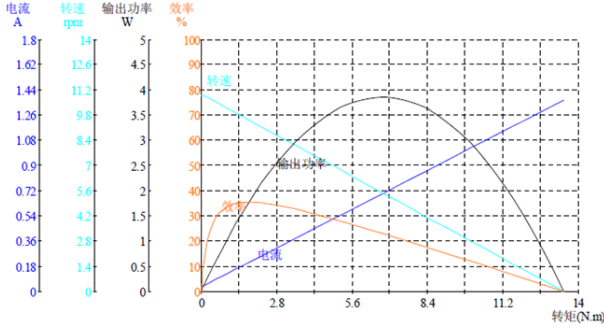
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-37RS35300068000-61K	6.0	0.19	126.0	0.78	103.7	1.5	1.60	8.5	3.54
WL-37RS35300123000-270K	12.0	0.03	10.1	0.14	8.5	6.8	0.60	41.6	0.73
WL-37RS35300123000-310K	12.0	0.04	8.7	0.14	6.9	7.6	0.54	35.9	0.52
WL-37RS35300123000-61K	12.0	0.02	44.3	0.10	36.5	1.3	0.49	7.4	0.47
WL-37RS35300123000-810K	12.0	0.06	3.3	0.15	2.4	16.4	0.41	59.7	0.41
WL-37RS35300123000-90K	12.0	0.03	33.2	0.13	26.6	2.1	0.58	10.6	0.54
WL-37RS35300124500-270K	12.0	0.06	16.4	0.23	13.6	7.2	1.01	41.6	1.08
WL-37RS35300124500-310K	12.0	0.07	13.7	0.33	11.1	13.1	1.50	69.9	1.49
WL-37RS35300125500-90K	12.0	0.03	58.2	0.22	50.9	2.0	1.09	16.8	1.56
WL-37RS35300126000-30K	12.0	0.09	208.0	0.40	176.3	1.1	2.10	7.6	2.14
WL-37RS35300126000-61K	12.0	0.04	92.3	0.26	78.5	1.7	1.39	11.5	1.55
WL-37RS35300126000-90K	12.0	0.04	63.5	0.24	53.2	2.5	1.34	15.0	1.25
WL-37RS35300126000-184K	12.0	0.06	31.4	0.33	26.3	5.7	1.55	35.0	1.70
WL-37RS35300129000-61K	12.0	0.09	149.3	0.48	128.9	1.9	2.60	14.3	2.96
WL-37RS35300129000-90K	12.0	0.08	100.7	0.46	86.7	2.7	2.41	19.4	2.79
WL-37RS35300129500-184K	12.0	0.19	50.1	0.78	38.7	8.1	3.24	36.0	2.80
WL-37RS35300243000-270K	24.0	0.03	10.4	0.08	7.5	6.0	0.47	21.6	0.21
WL-37RS35300244500-552K	24.0	0.02	9.1	0.09	7.1	10.4	0.76	47.0	0.34
WL-37RS35300246000-184K	24.0	0.04	34.1	0.19	28.7	4.91	1.44	30.7	0.98
WL-37RS35300246000-270K	24.0	0.05	21.8	0.20	18.4	10.46	1.97	65.4	1.04
WL-37RS35300246000-534K	24.0	0.04	10.9	0.22	9.4	19.70	1.90	137.0	1.37
WL-37RS35300247000-10K	24.0	0.04	699.2	0.23	603.7	0.45	2.79	3.2	1.45
WL-37RS35300249000-810K	24.0	0.06	11.1	0.30	9.7	28.19	2.79	216.8	1.93

Curve Chart :

Model: WL-37RS35300126000-90K



Model: WL-37RS35300246000-534K



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