

WL-27RS370 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

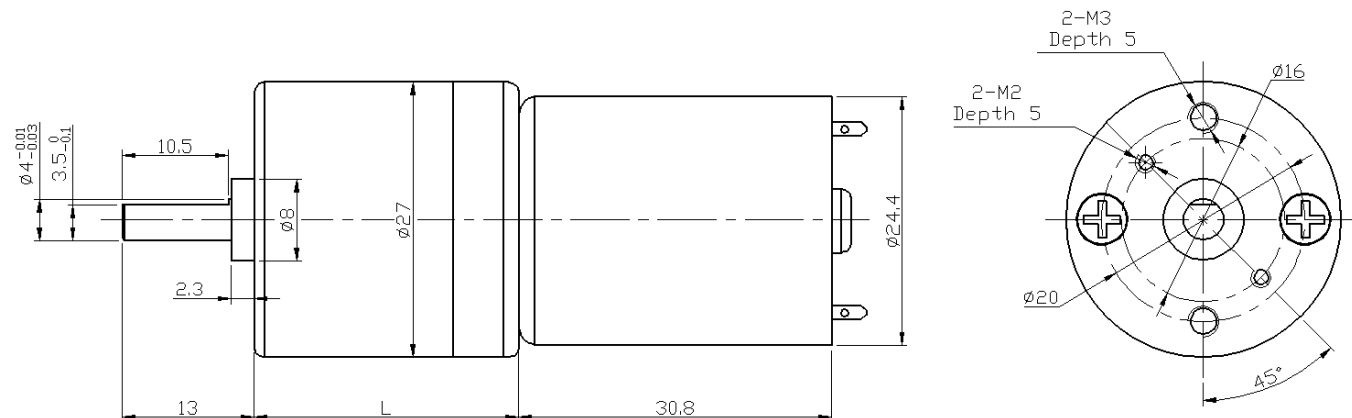
典型应用/Typical applications :

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	4	5	6	7	8
Reduction ratio	19、27	36、52、76	100、145、210	277、402、583	771、1119、1621
Gearbox length "L"mm	18	20	22	24	26
Breaking torque(kgf.cm)	10	12	14	16	16
Gearbox efficiency	65%	59%	53%	48%	43%

Driving Motor Data :

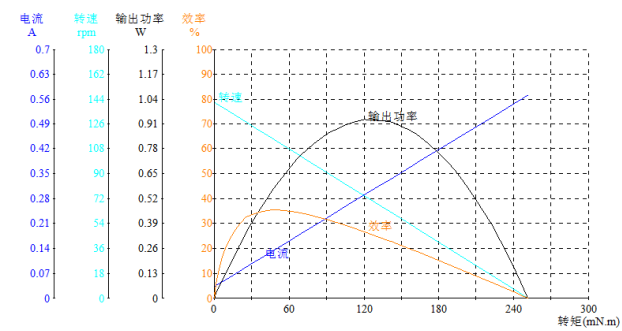
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-370-006-3000	6	≤ 40	3000	≤ 160	2500	15	0.4	≥ 68	≥ 520
WL-370-006-4500	6	≤ 56	4500	≤ 300	3300	25	0.8	≥ 115	≥ 860
WL-370-006-6000	6	≤ 80	6000	≤ 450	4500	35	1.6	≥ 165	≥ 1800
WL-370-012-3000	12	≤ 20	3000	≤ 80	2500	15	0.4	≥ 68	≥ 250
WL-370-012-4500	12	≤ 35	4500	≤ 150	3300	25	0.8	≥ 115	≥ 550
WL-370-012-6000	12	≤ 50	6000	≤ 220	4500	35	1.6	≥ 165	≥ 980

Geared Motor Samples Data :

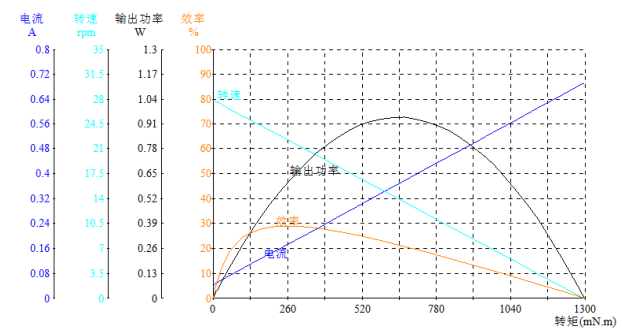
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-27RS3700066000-19K	6.0	0.10	302.5	0.46	248.1	0.45	1.14	2.48	2.10
WL-27RS3700124500-27K	12.0	0.03	141.7	0.14	112.9	0.52	0.61	2.57	0.57
WL-27RS3700124800-402K	12.0	0.03	11.0	0.14	8.8	3.56	0.32	18.32	0.56
WL-27RS3700125500-278K	12.0	0.06	19.4	0.27	15.8	5.23	0.85	28.48	1.25
WL-27RS3700126000-210K	12.0	0.04	27.9	0.17	22.4	2.60	0.60	13.25	0.69

Curve Chart :

Model: WL-27RS3700124500-27K



Model: WL-27RS3700126000-210K



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