

WL-27RS310 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

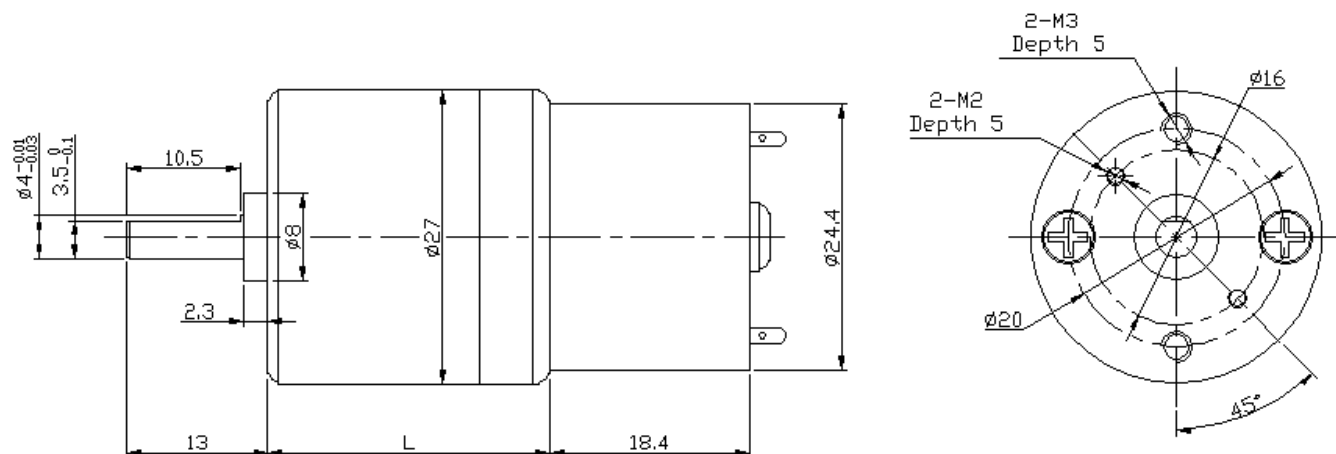
典型应用/Typical applications :

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 :

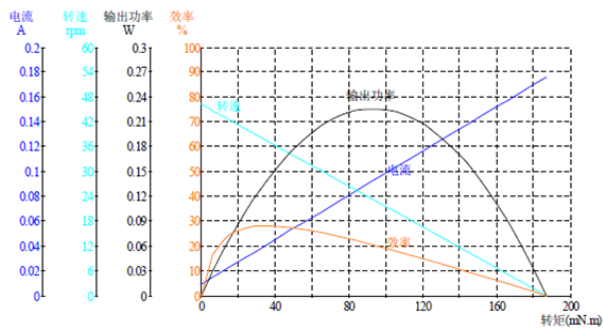
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-310-006-3000	6	≤ 20	3000	≤ 60	2300	5	0.1	≥ 20	≥ 135
WL-310-006-4500	6	≤ 40	4500	≤ 120	3200	7	0.2	≥ 28	≥ 240
WL-310-006-6000	6	≤ 35	6000	≤ 140	4500	10	0.5	≥ 40	≥ 600
WL-310-012-3000	12	≤ 15	3000	≤ 40	2300	5	0.1	≥ 20	≥ 70
WL-310-012-4500	12	≤ 20	4500	≤ 55	3200	7	0.2	≥ 28	≥ 120
WL-310-012-6000	12	≤ 25	6000	≤ 100	4500	10	0.5	≥ 40	≥ 290

Geared Motor Samples Data :

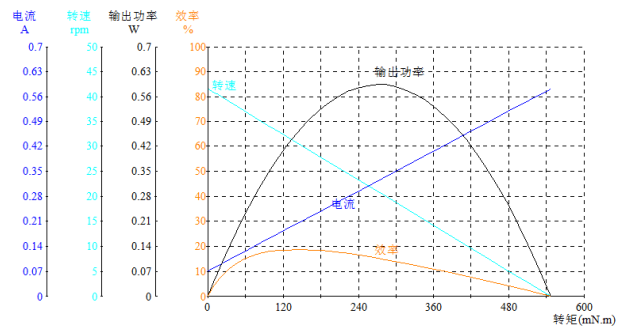
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流	转速	电流	转速	扭矩	输出功率	扭矩	电流
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-27RS3100125000-100K	12.0	0.03	46.2	0.04	37.4	0.36	0.14	1.9	0.18
WL-27RS3100126200-12K	12.0	0.04	572.1	0.11	418.3	0.10	0.42	0.4	0.29
WL-27RS3100126200-23K	12.0	0.04	238.6	0.10	169.5	0.19	0.34	0.7	0.27
WL-27RS3100128000-52K	12.0	0.04	142.0	0.13	108.5	0.36	0.40	1.5	0.43
WL-27RS3100129200-210K	12.0	0.07	41.6	0.21	30.1	1.54	0.48	5.6	0.58
WL-27RS3100247300-210K	24.0	0.02	36.1	0.06	26.9	1.39	0.39	5.5	0.18

Curve Chart :

Model: WL-27RS3100125000-100K



Model: WL-27RS3100129200-210K



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