

WL-50RS545 DC SPUR GEAR MOTOR

基本电压/Main voltage :12VDC、24VDC

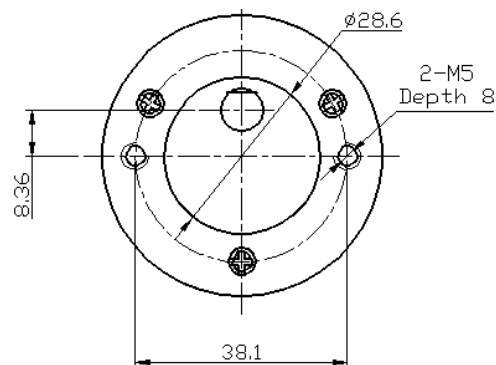
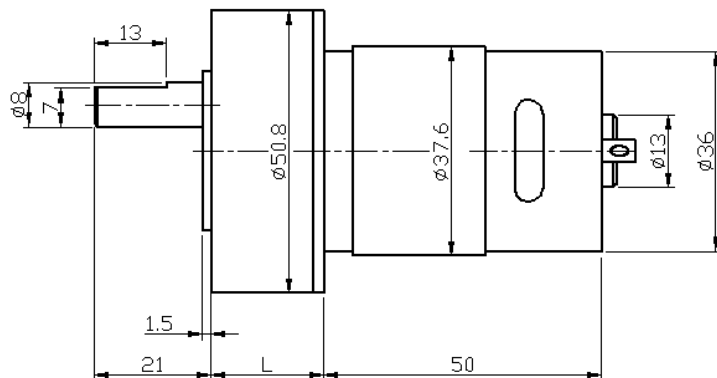
典型应用/Typical applications :

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
Reduction ratio	9	21、25.5	50、60、72	118、141、170、205
Gearbox length "L"mm	20.4	24.9	29.4	33.9
Breaking torque(kgf.cm)	25	30	90	90
Gearbox efficiency	81%	72%	65%	59%

Driving Motor Data :

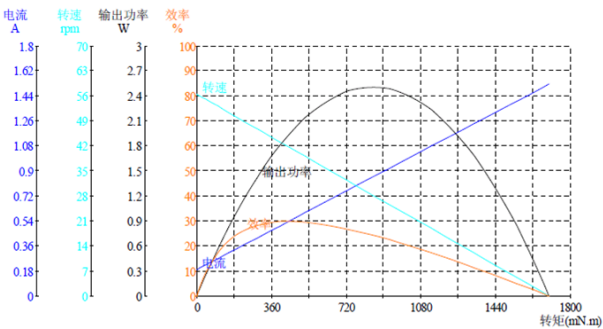
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-545-012-3000	12	≤110	3000	≤450	2200	100	2.3	≥320	≥1440
WL-545-012-4500	12	≤220	4500	≤800	3300	150	5.1	≥480	≥2400
WL-545-012-6000	12	≤350	6000	≤1500	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 :

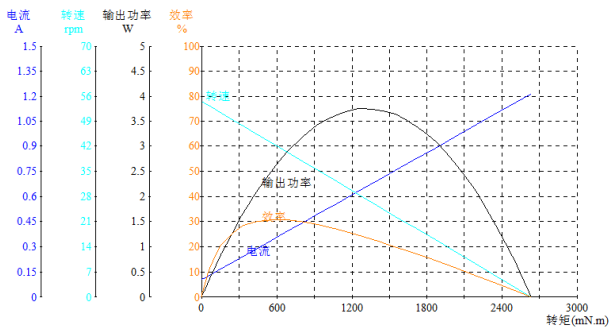
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流	转速	电流	转速	扭矩	输出功率	扭矩	电流
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-50RS5450123000-50K	12.0	0.19	56.4	0.53	41.8	4.0	1.93	17.0	1.52
WL-50RS5450126000-118K	12.0	0.20	50.7	1.22	43.7	13.1	5.89	95.2	7.56
WL-50RS5450128000-118K	12.0	0.68	65.0	2.92	51.0	24.8	13.03	115.5	11.07
WL-50RS5450243000-50K	24.0	0.10	54.5	0.36	42.0	6.0	2.67	26.0	1.22
WL-50RS5450248000-118K	24.0	0.23	67.9	1.31	55.7	22.2	12.71	123.4	6.22

Curve Chart :

Model: WL-50RS5450123000-50K



Model: WL-50RS5450243000-50K



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