

WL-33RS520 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

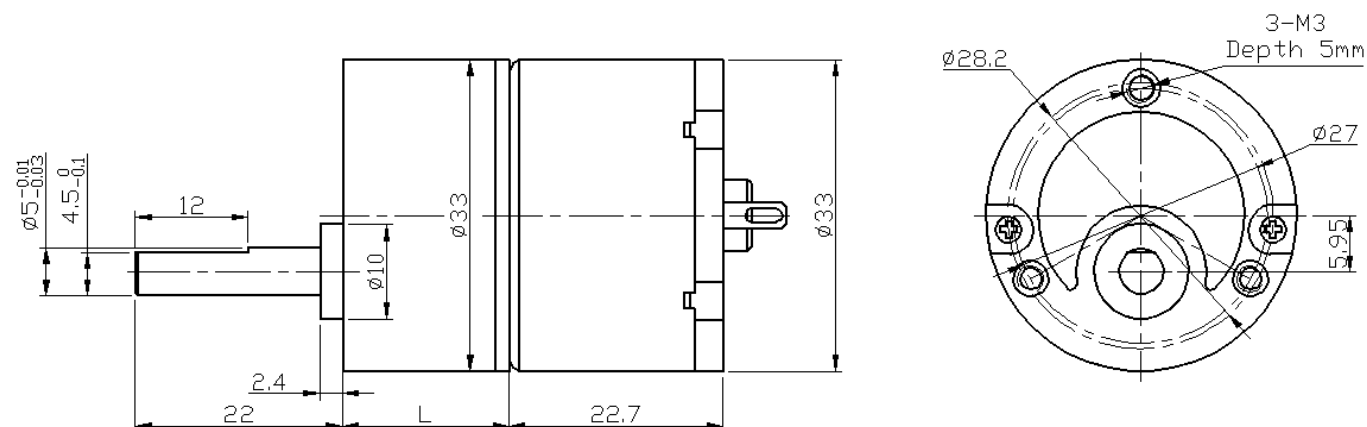
典型应用/Typical applications :

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	3	4	5	6	7
Reduction ratio	20	50	125	312.5	781
Gearbox length "L"mm	17.7	19.9	22.2	24.4	26.75
Breaking torque(kgf.cm)	10	15	20	24	24
Gearbox efficiency	73%	65%	59%	53%	48%

Driving Motor Data :

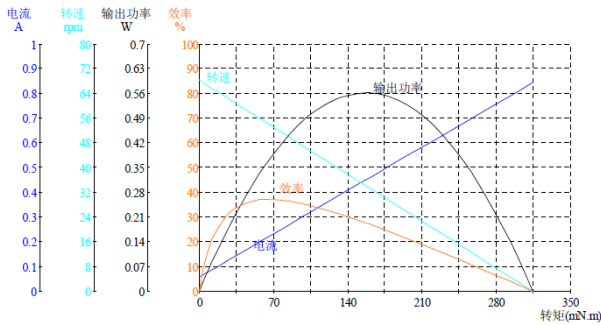
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-520-012-3000	12	≤ 20	3000	≤ 110	2200	25	0.6	≥ 100	≥ 400
WL-520-012-4500	12	≤ 30	4500	≤ 150	3300	35	1.2	≥ 140	≥ 850
WL-520-012-6000	12	≤ 40	6000	≤ 400	4500	45	2.1	≥ 180	≥ 1400
WL-520-024-3000	24	≤ 15	3000	≤ 60	2200	25	0.6	≥ 100	≥ 200
WL-520-024-4500	24	≤ 20	4500	≤ 80	3300	35	1.2	≥ 140	≥ 420
WL-520-024-6000	24	≤ 30	6000	≤ 200	4500	45	2.1	≥ 180	≥ 700

Geared Motor Samples Data :

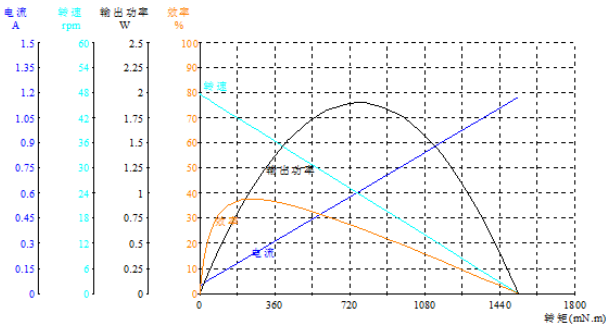
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-33RS5203.77000-312.5K	3.7	0.15	21.4	0.74	17.3	3.8	0.67	19.7	3.20
WL-33RS5204.53500-50K	4.5	0.06	68.2	0.23	53.1	0.7	0.39	3.0	0.84
WL-33RS5200126000-125K	12.0	0.05	47.7	0.25	39.0	2.8	1.13	15.0	1.17

Curve Chart :

Model: WL-33RS5204.53500-50K



Model: WL-33RS5200126000-125K



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