

WL-33RS3540 DC SPUR GEAR MOTOR

基本电压/Main voltage : 6VDC、12VDC、24VDC

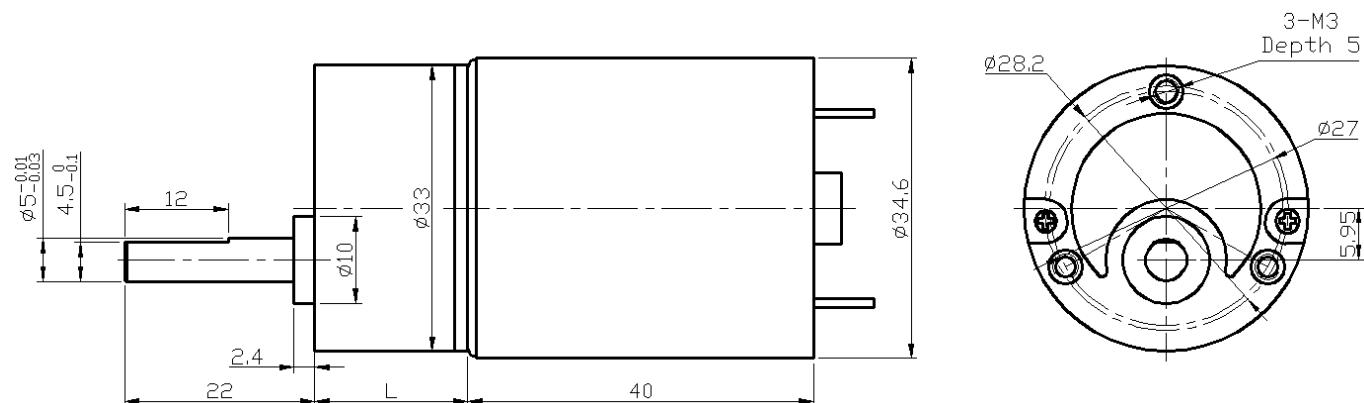
典型应用/Typical applications :

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 :

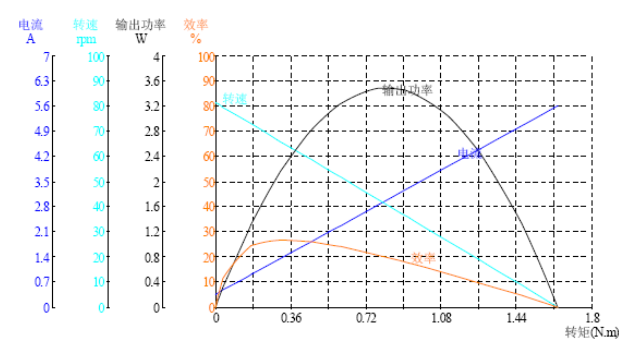
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-3540-012-3000	12	≤ 50	3000	≤ 300	2200	60	1.4	≥ 240	≥ 800
WL-3540-012-4500	12	≤ 70	4500	≤ 500	3300	70	2.4	≥ 500	≥ 2000
WL-3540-012-6000	12	≤ 100	6000	≤ 700	4500	80	3.7	≥ 600	≥ 2500
WL-3540-024-3000	24	≤ 25	3000	≤ 150	2200	60	1.4	≥ 220	≥ 500
WL-3540-024-4500	24	≤ 35	4500	≤ 250	3300	70	2.4	≥ 240	≥ 800
WL-3540-024-6000	24	≤ 50	6000	≤ 350	4500	80	3.7	≥ 550	≥ 1400

Geared Motor Samples Data :

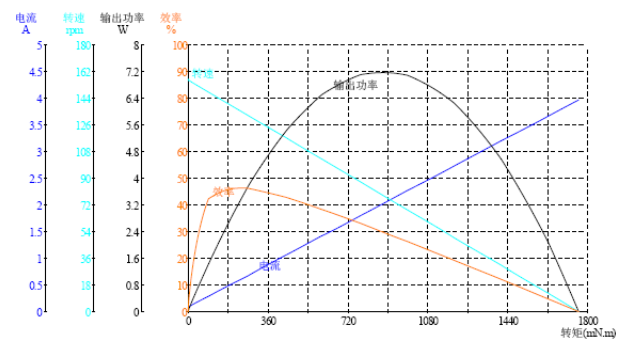
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流	转速	电流	转速	扭矩	输出功率	扭矩	电流
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-33RS35400067500-90K	6.0	0.35	81.5	1.35	65.9	3.2	2.16	16.7	5.61
WL-33RS35400067500-125K	6.0	0.25	56.0	1.10	43.7	4.5	2.01	20.4	4.16
WL-33RS35400128000-50K	12.0	0.08	156.4	0.52	138.7	2.0	2.89	18.0	3.97

Curve Chart :

Model: WL-33RS35400067500-90K



Model: WL-33RS35400128000-50K



Remark :

$\text{Gear Motor Torque} = \text{Driving motor torque} \times \text{Reduction ratio} \times \text{Gearbox efficiency};$

$\text{Gear Motor Speed} = \text{Driving motor speed} / \text{Reduction ratio}$

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