

WL-13SS050 DC SPUR GEAR MOTOR

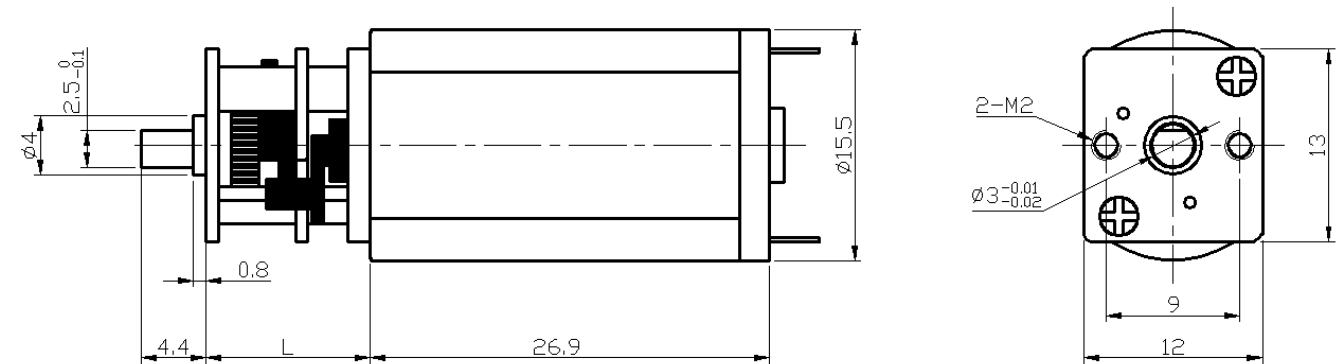
基本电压/Main voltage : 3VDC、6VDC、12VDC、24VDC

典型应用/Typical applications :

仪器仪表、数码产品、自动门锁、医疗器械、安防监控

Instrument, Digital product, Automatic door-lock,

Medical equipment, Security monitoring



Gearbox Data :

Number of stages	2	4	5
Reduction ratio	3、7、10	16、17、20、30、35、50、63、70、86	115、150、210、250、360
Gearbox length “L”mm	11	11	11
Breaking torque(kgf.cm)	0.6	0.9	2
Gearbox efficiency	81%	65%	59%

Driving Motor Data :

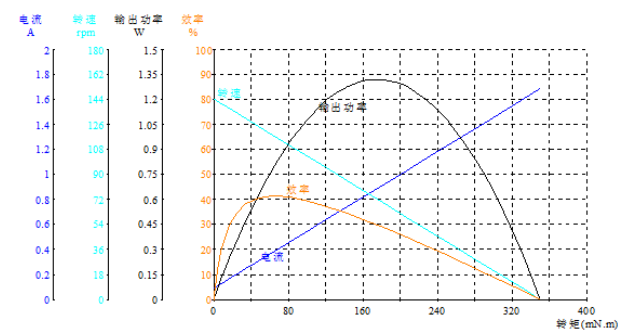
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-050-006-9000	6	≤ 60	9000	≤ 260	7500	8	0.6	≥ 30	≥ 550
WL-050-006-12000	6	≤ 70	12000	≤ 300	9300	10	1.0	≥ 40	≥ 1000
WL-050-012-9000	12	≤ 30	9000	≤ 130	7500	8	0.6	≥ 30	≥ 300
WL-050-012-12000	12	≤ 50	12000	≤ 200	10000	10	1.0	≥ 40	≥ 600

Geared Motor Data :

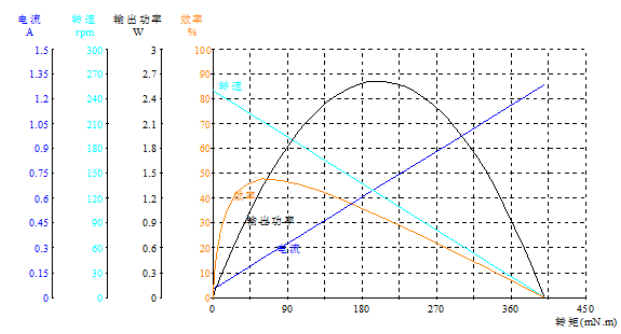
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流	转速	电流	转速	扭矩	输出功率	扭矩	电流
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-13SS05000513000-35K	5.00	0.11	354.3	0.45	282.5	0.31	0.90	1.53	1.74
WL-13SS05000513000-63K	5.00	0.10	202.0	0.41	160.6	0.56	0.92	2.73	1.61
WL-13SS05000513000-86K	5.00	0.10	144.6	0.38	117.8	0.66	0.80	3.60	1.69
WL-13SS05000628000-63K	6.00	0.44	416.1	1.43	305.1	0.78	2.44	2.91	4.16
WL-13SS05000630000-86K	6.00	0.28	317.8	1.11	257.3	0.93	2.46	4.90	4.61
WL-13SS05001210500-250K	12.00	0.03	42.1	0.11	32.1	1.31	0.43	5.54	0.36
WL-13SS05001215000-35K	12.00	0.03	424.7	0.13	364.0	0.20	0.73	1.37	0.74
WL-13SS05001216000-35K	12.00	0.06	462.2	0.29	370.5	0.40	1.54	2.03	1.22
WL-13SS05001216000-63K	12.00	0.05	250.4	0.28	204.5	0.75	1.57	4.10	1.29
WL-13SS0500129000-360K	12.00	0.02	25.8	0.08	19.5	1.36	0.27	5.57	0.24

Curve Chart :

Model: WL-13SS05000513000-86K



Model: WL-13SS05001216000-63K



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