

WL-16RS050 DC SPUR GEAR MOTOR

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

典型应用/Typical applications :

家用电器、视听产品、办公设备、美容健身器材、
医疗器械、高档玩具、电动工具、自动喷雾器、
智能系统、自动化控制以及其他工业驱动装置等。

Household appliances, Audio-visual products,
Office facilities, hairdressing equipment, Medical
equipment, Toys, Electric tool, Automatic sprayer,
Intelligent system, Automatic control and other
industrial drives.



Gearbox Data :

Number of stages	3	4	5	6	7
Reduction ratio	10、14	23、28、32、40	46、56、65 79、91、112	130、159、183 224、257、315	365、448、515 631、725、889
Gearbox length "L"mm	11	12.5	14	15.5	17
Breaking torque(kgf.cm)	1	2	3	4	4
Gearbox efficiency	73%	65%	59%	53%	48%

Driving Motor Data :

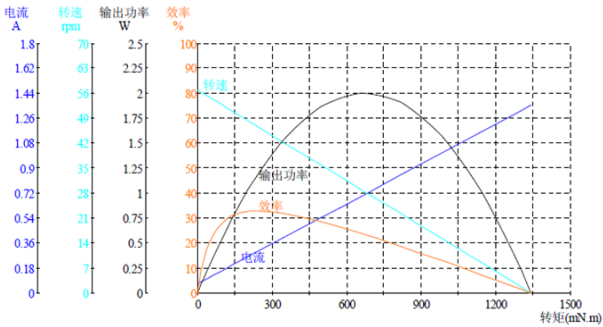
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-050-006-9000	6	≤60	9000	≤260	7500	8	0.6	≥30	≥550
WL-050-006-12000	6	≤70	12000	≤300	9300	10	1.0	≥40	≥1000
WL-050-012-9000	12	≤30	9000	≤130	7500	8	0.6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

Geared Motor Data :

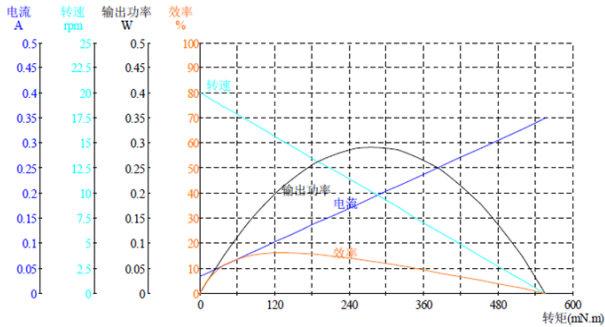
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-16RS05000611400-365K	6.00	0.07	32.2	0.27	25.5	1.20	0.32	5.82	1.04
WL-16RS0500068000-365K	6.00	0.07	23.4	0.26	17.8	1.90	0.35	7.88	0.86
WL-16RS0500088300-46K	8.00	0.02	183.1	0.11	144.6	0.16	0.24	0.76	0.42
WL-16RS05001210500-515K	12.00	0.03	20.0	0.11	15.5	1.30	0.20	5.70	0.35
WL-16RS05001215000-40K	12.00	0.03	376.3	0.16	303.7	0.23	0.73	1.21	0.70
WL-16RS05001216000-315K	12.00	0.07	56.9	0.29	47.2	2.30	1.14	13.70	1.35
WL-16RS05001216000-889K	12.00	0.06	20.4	0.12	13.8	2.16	0.31	6.70	0.25
WL-16RS0500128000-112K	12.00	0.02	70.6	0.07	52.4	0.35	0.19	1.35	0.21
WL-16RS0500128000-448K	12.00	0.02	18.6	0.06	13.4	0.92	0.13	3.32	0.17
WL-16RS0500128000-515K	12.00	0.02	15.9	0.065	12	0.97	0.12	3.93	0.20
WL-16RS0500128000-631K	12.00	0.03	12.2	0.07	8.0	1.43	0.12	4.20	0.15

Curve Chart :

Model: WL-16RS05001216000-315K



Model: WL-16RS05001210500-515K



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