

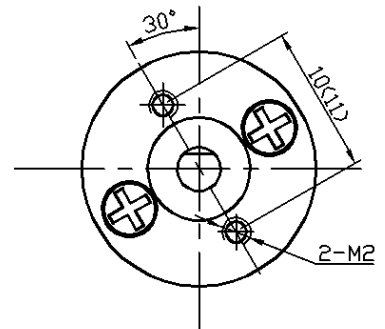
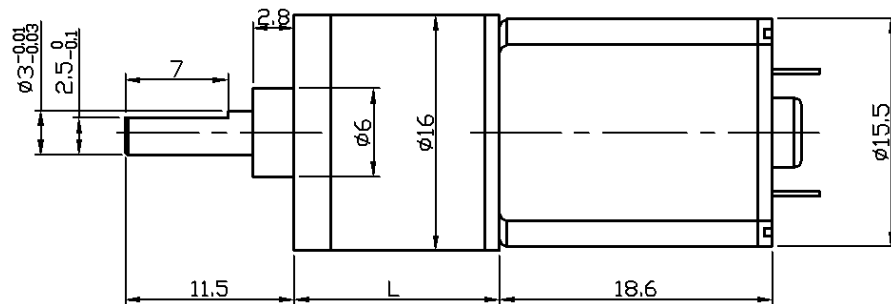
WL-16RS030 DC SPUR GEAR MOTOR

基本电压/Main voltage : 3VDC、6VDC、12VDC

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 :

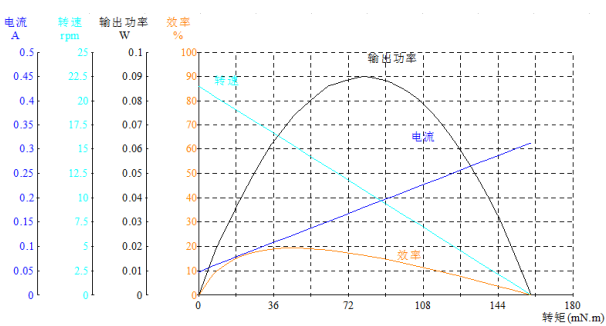
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-030-003-8000	3	≤55	8000	≤250	6000	4	0.2	≥16	≥500
WL-030-003-10500	3	≤80	10500	≤300	7200	5	0.4	≥20	≥750
WL-030-006-8000	6	≤30	8000	≤120	5000	4	0.2	≥16	≥150
WL-030-006-10500	6	≤40	10500	≤160	7000	5	0.4	≥20	≥400

Geared Motor Data :

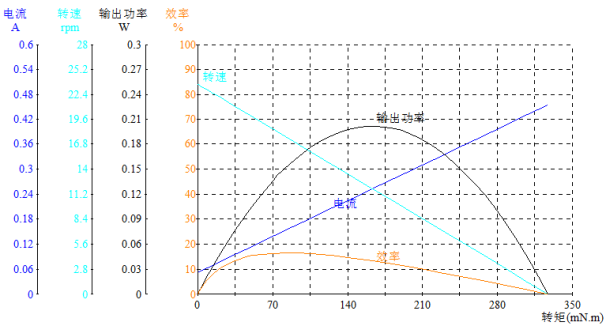
电机型号 Motor model	额定电压	空载/No load		负载/Load				堵转/Stall	
	Rated Volt.	电流	转速	电流	转速	扭矩	输出功率	扭矩	电流
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-16RS0300035200-889K	3.0	0.03	6.2	0.08	4.5	0.69	0.03	2.51	0.22
WL-16RS0300036500-315K	3.0	0.05	21.5	0.12	15.3	0.47	0.07	1.63	0.31
WL-16RS0300038000-112K	3.0	0.06	68.7	0.17	52.1	0.18	0.10	0.87	0.53
WL-16RS0304.514000-112K	4.5	0.09	122.6	0.31	93.5	0.30	0.29	1.27	1.00
WL-16RS03000517000-91K	5.0	0.13	184.0	0.44	141.2	0.37	0.54	1.60	1.45
WL-16RS03000611500-515K	6.0	0.05	23.5	0.16	17.2	0.91	0.16	3.34	0.46
WL-16RS03000611900-224K	6.0	0.04	53.4	0.14	43.0	0.43	0.19	2.22	0.55
WL-16RS03001217000-130K	12.0	0.04	129.5	0.14	100.0	0.50	0.52	2.22	0.49
WL-16RS03001217000-183K	12.0	0.06	89.0	0.17	64.4	0.83	0.55	3.02	0.46
WL-16RS03001218500-315K	12.0	0.07	58.7	0.21	44.3	1.56	0.71	6.35	0.65

Curve Chart :

Model: WL-16RS0300036500-315K



Model: WL-16RS03000611500-515K



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