

WL-20RS180 DC SPUR GEAR MOTOR

基本电压/Main voltage : 3VDC、6VDC、9VDC、12VDC

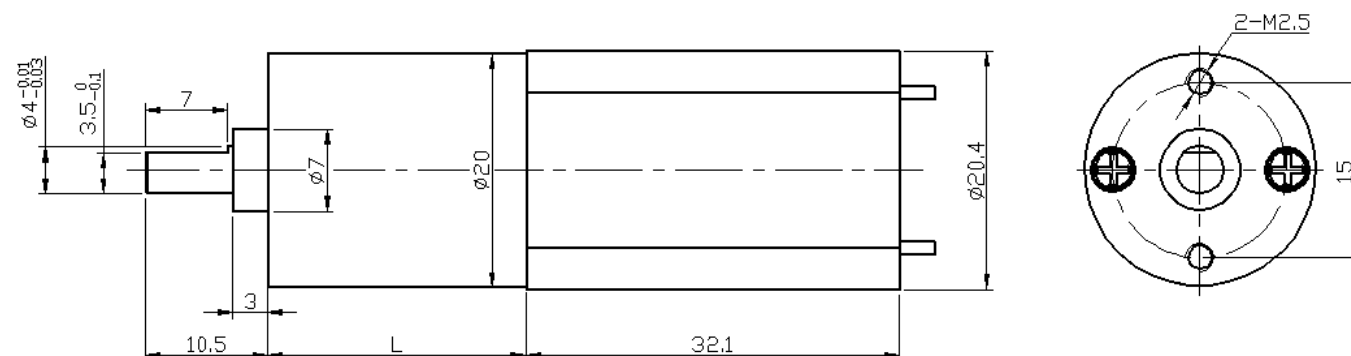
典型应用/Typical applications :

仪器仪表、电动工具、自动门锁、医疗器械、

安防监控、汽车车锁

Instrument,Electric tool,Automatic door-lock,

Medical equipment,Security monitorin,Car lock



Gearbox Data :

Number of stages	4	5	6	7	8
Reduction ratio	18、23	35、44、55	67、84 105、132	161、202 252、316	386、484 606、758
Gearbox length "L"mm	16.2	17.7	19.2	20.7	22.2
Breaking torque(kgf.cm)	2	4	6	8	8
Gearbox efficiency	65%	59%	53%	48%	43%

Driving Motor Data :

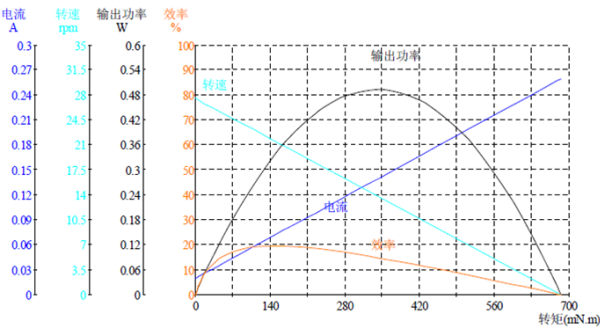
Motor model	Rated Volt.	No load		Load				Stall	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
WL-180-006-6000	6	≤ 65	6000	≤ 260	5100	15	0.8	≥ 55	≥ 1150
WL-180-012-6000	12	≤ 27	6000	≤ 150	5100	15	0.8	≥ 55	≥ 430
WL-180-012-9000	12	≤ 80	9000	≤ 260	7000	20	1.4	≥ 80	≥ 1000
WL-180-024-9000	24	≤ 50	9000	≤ 150	7800	20	1.6	≥ 80	≥ 550

Geared Motor Data :

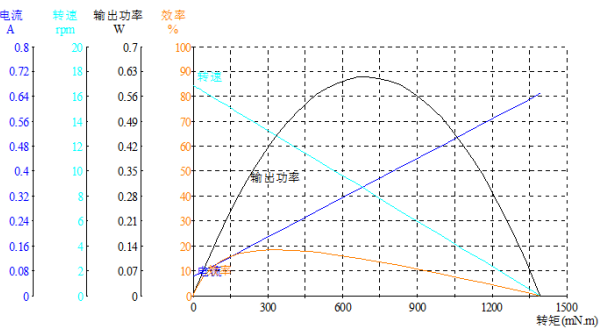
电机型号 Motor model	额定电压 Rated Volt.	空载/No load		负载/Load				堵转/Stall	
		电流 Current	转速 Speed	电流 Current	转速 Speed	扭矩 Torque	输出功率 Output power	扭矩 Torque	电流 Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
WL-20RS1800039500-67K	3.0	0.21	139.9	0.91	115.5	0.68	0.81	3.9	4.21
WL-20RS1800039500-84K	3.0	0.24	109.9	1.09	86.5	1.09	0.97	5.1	4.20
WL-20RS1800069000-55K	6.0	0.08	162.4	0.39	133.9	0.57	0.79	3.3	1.81
WL-20RS18000614000-202K	6.0	0.21	68.5	0.97	56.5	2.71	1.57	15.4	4.51
WL-20RS18001211000-55K	12.0	0.09	196.1	0.33	159.2	0.85	1.38	4.5	1.35
WL-20RS1800123000-316K	12.0	0.02	8.1	0.05	5.5	1.86	0.11	5.8	0.10
WL-20RS1800123500-758K	12.0	0.02	4.1	0.06	2.9	2.48	0.08	8.4	0.15
WL-20RS1800128000-484K	12.0	0.06	16.9	0.20	12.9	3.36	0.45	14.2	0.65
WL-20RS1800128000-758K	12.0	0.05	10.8	0.22	8.6	6.12	0.54	29.9	0.90
WL-20RS18001816500-132K	18.0	0.16	123.1	0.66	97.1	3.94	3.93	18.6	2.56
WL-20RS18002412500-23K	24.0	0.04	525.9	0.18	444.1	0.40	1.83	2.6	0.98
WL-20RS1800249000-105K	24.0	0.03	84.3	0.14	66.6	1.45	0.99	6.8	0.55
WL-20RS1800247000-252K	24.0	0.02	27.5	0.08	20.9	1.70	0.36	7.0	0.26

Curve Chart :

Model: WL-20RS1800247000-252K



Model: WL-20RS1800128000-484K



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