

DC SPUR GEAR MOTOR DM-20RS130

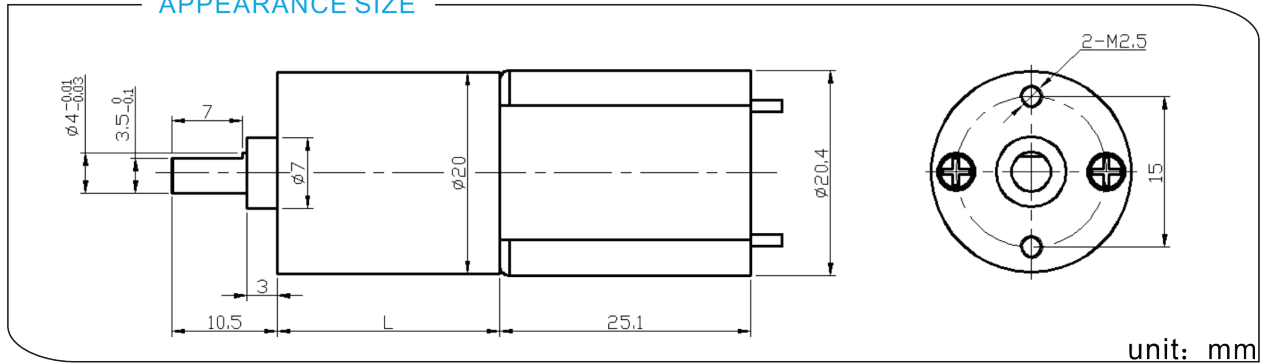
典型应用/Typical applications :

自动快锁门、装订机、自动电视架、点钞机、聚光灯、卫生纸机、
办公设备、家用电器、自动执行机构

Auto shutter, binding machine, automatic TV rack, money counter,
spotlight, tissue machine, office equipments, household appliances,
automatic actuator



APPEARANCE SIZE



齿轮箱参数/Gearbox Data:

级数 Number of stages	4	5	6	7	8
减数比 Reduction Ratio i	18、23	35、44、55	67、84、105、132	161、202、252、316	386、484、606、758
齿轮箱长度 Gearbox Length L (mm)	16.2	17.7	19.2	20.7	22.2
破坏扭力 Breaking Torque(kgf.cm)	2	4	6	8	8
齿轮箱效率 Gearbox Efficiency η	65%	59%	53%	48%	43%

电机参数/Driving Motor Data:

DC Motor Model	Rated	No Load		Max Efficiency Load			Stall		
	电压	电流	转速	电流	转速 (nm)	扭矩 (tm)	功率	扭矩	电流
	Volt.	Current	Speed	Current	Speed	Torque	P.out	Torque	Current
	V	mA	r/min	mA	r/min	gf.cm	W	gf.cm	mA
DM-130-006-6000	6	≤90	6000	≤280	5400	10	0.6	≥40	≥500
DM-130-006-9000	6	≤120	9000	≤430	7000	15	1.1	≥60	≥1200
DM-130-012-6000	12	≤45	6000	≤140	5400	10	0.6	≥40	≥250
DM-130-012-9000	12	≤60	9000	≤200	7000	15	1.1	≥60	≥600

减数电机参数/Geared Motor Data :

Gear Motor Model	额定电压 Rated voltage	No load		Max Efficiency Load			Stall		
		电流	转速	电流	转速 (n)	扭矩 (t)	功率	扭矩	电流
		Current	Speed	Current	Speed	Torque	P.out	Torque	Current
	V	A	r/min	A	r/min	kgf.cm	W	kgf.cm	A
DM-20RS130-0066000-386K	6	0.07	14.10	0.23	10.50	2.40	0.26	8.80	0.67
DM-20RS130-0129000-31K	12	0.11	263.6	0.28	184.8	0.38	0.72	1.20	0.70
DM-20RS130-0129000-46K	12	0.09	185.1	0.26	134.3	0.57	0.79	2.10	0.70
DM-20RS130-0129000-71K	12	0.05	128.3	0.21	99.80	0.76	0.78	3.40	0.77
DM-20RS130-0248800-484K	24	0.04	17.30	0.10	11.80	2.50	0.31	7.90	0.23

电机参数仅供参考, 请以实际样板为准; 可以依据客户要求定制参数。

The motor parameters are for reference only, please refer to real measured data;

We can customize parameters according to customer requirements.

减数电机输出转速=直流电机输出转速/齿轮箱减数比; 减数电机输出扭矩=直流电机输出扭矩*齿轮箱减数比*齿轮箱传动效率。

Gear Motor Output Speed=DC Motor Speed/Gear Ratio (n=n_m/i)

Gear Motor Output Torque=DC Motor Torque*Gear Ratio*Gearbox Efficiency. (t=t_m*i*η)