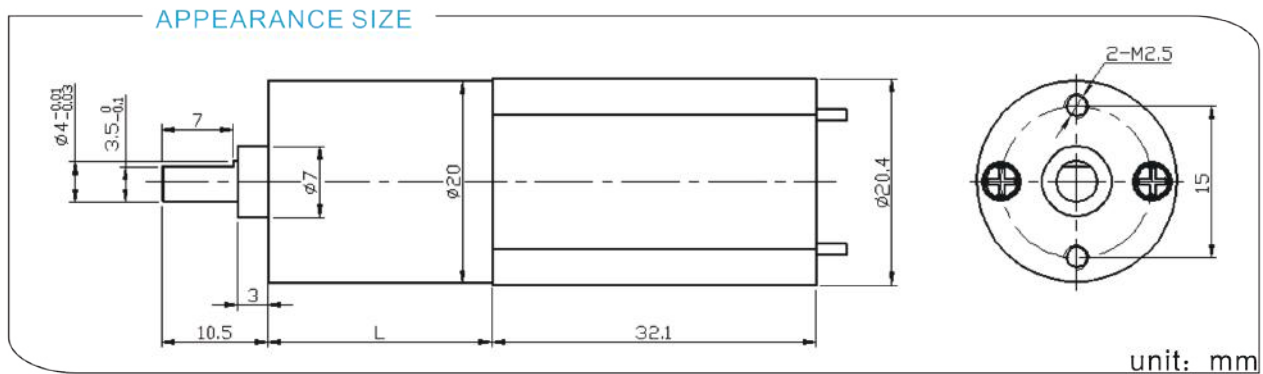


DC SPUR GEAR MOTOR DM-20RS180

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



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-180-006-6000	6	≤65	6000	≤260	5100	15	0.8	≥55	≥1150
DM-180-012-6000	12	≤27	6000	≤150	5100	15	0.8	≥55	≥430
DM-180-012-9000	12	≤80	9000	≤260	7000	20	1.4	≥80	≥1000
DM-180-024-9000	24	≤50	9000	≤150	7800	20	1.6	≥80	≥550

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-20RS180-0039500-67K	3	0.21	139.9	0.91	115.5	0.68	0.81	3.90	4.21
DM-20RS180-0039500-84K	3	0.24	109.9	1.09	86.5	1.09	0.97	5.10	4.21
DM-20RS180-0069000-55K	6	0.08	162.4	0.39	133.9	0.57	0.79	3.30	1.81
DM-20RS180-00614000-202K	6	0.21	68.5	0.97	56.5	2.71	1.57	15.40	4.51
DM-20RS180-01211000-55K	12	0.09	196.1	0.33	159.2	0.85	1.38	4.50	1.35

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)