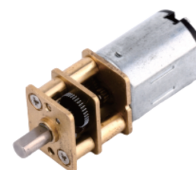


DC SPUR GEAR MOTOR DM-12SSN20

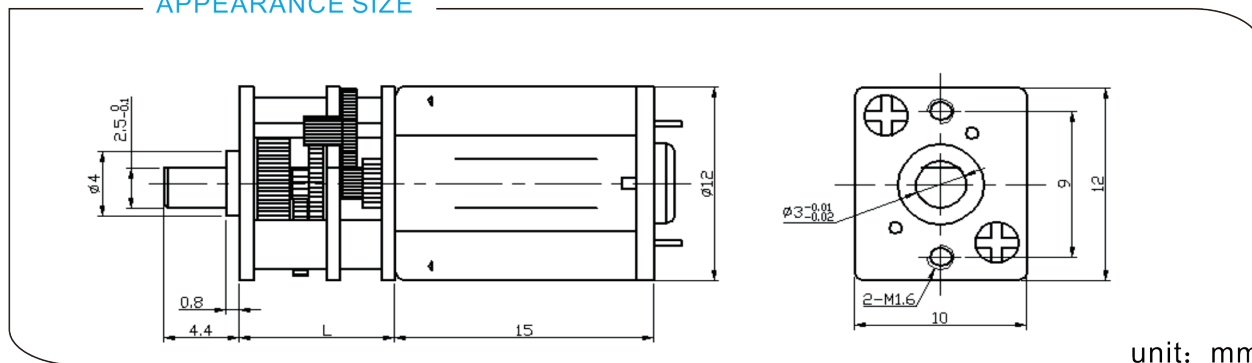
典型应用/Typical applications :

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



unit: mm

齿轮箱参数/Gearbox Data:

级数 Number of stages	2	4	5	7
减数比 Reduction Ratio i	3、5、10	17、20、30、36 50、63、100	110、150、210 250、298、380	372、625、1000
齿轮箱长度 Gearbox Length L (mm)	9	9	9	12
破坏扭力 Breaking Torque(kgf.cm)	0.6	0.9	1.2	2
齿轮箱效率 Gearbox Efficiency η	81%	65%	59%	48%

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-N20-003-10000	3	≤50	10000	≤185	8000	2	0.2	≥8	≥350
DM-N20-003-15000	3	≤80	15000	≤280	12400	3	0.4	≥12	≥520
DM-N20-003-20000	3	≤110	20000	≤370	15500	4	0.6	≥16	≥700
DM-N20-006-10000	6	≤25	10000	≤95	8000	2	0.2	≥8	≥160
DM-N20-006-20000	6	≤60	20000	≤190	15500	4	0.6	≥16	≥320

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-12SSN20-00316000-150K	3	0.07	110.7	0.27	87.3	0.28	0.25	1.30	1.01
DM-12SSN20-00310000-1000K	3	0.03	10.7	0.15	7.30	1.20	0.10	3.90	0.33
DM-12SSN20-00514500-100K	5	0.04	135.5	0.13	104.1	0.17	0.19	0.75	0.44
DM-12SSN20-00515000-250K	5	0.04	61.5	0.15	47.3	0.50	0.24	2.00	0.53
DM-12SSN20-00515000-298K	5	0.03	48.8	0.12	38.6	0.50	0.20	2.40	0.46

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. ($t=t_m*i*\eta$)