

DC SPUR GEAR MOTOR DM-30RS385

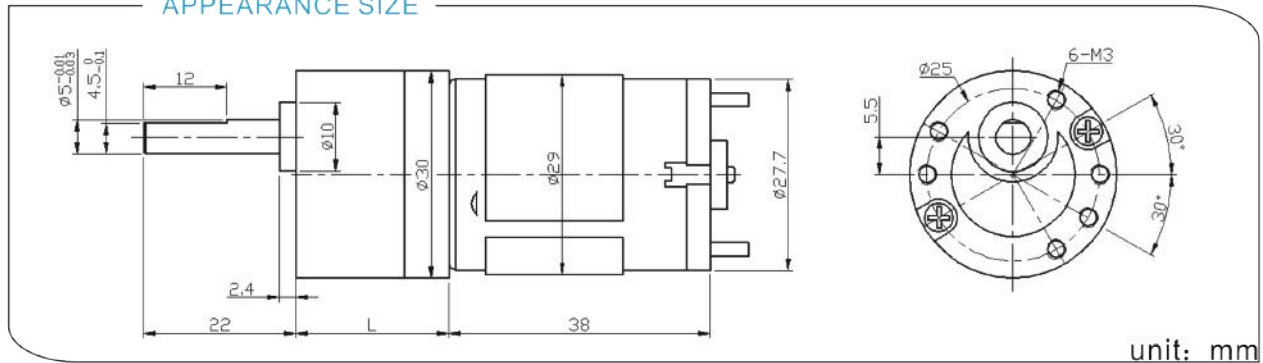
典型应用/Typical applications :

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
减速比 Reduction Ratio i	37	88、114、131	206、265、305 341、392、450	619、711、796 914、1049、1548	1857、2132 2387、2447
齿轮箱长度 Gearbox Length L (mm)	22.2	24.8	27.4	30	32.6
破坏扭力 Breaking Torque(kgf.cm)	10	12	16	20	20
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	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-385-012-3000	12	≤60	3000	≤150	2200	35	0.8	≥110	≥360
DM-385-012-4500	12	≤70	4500	≤300	3300	55	1.9	≥210	≥960
DM-385-012-6000	12	≤100	6000	≤600	4500	80	3.7	≥280	≥1600
DM-385-024-3000	24	≤28	3000	≤70	2200	35	0.8	≥110	≥160
DM-385-024-4500	24	≤50	4500	≤150	3300	55	1.9	≥180	≥380

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	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-30RS385-0126000-265K	12	0.21	23.1	0.7	17.2	12.0	2.16	48.0	2.14
DM-30RS385-0126000-341K	12	0.22	17.4	0.7	12.9	16.0	2.15	63.0	2.09
DM-30RS385-01212000-20K	12	0.36	576.7	1.42	446.2	1.56	7.13	6.9	5.06
DM-30RS385-0247300-37K	24	0.08	189.5	0.3	150.7	1.89	2.91	8.0	1.14
DM-30RS385-0248000-37K	24	0.09	214.5	0.34	169.1	1.90	3.28	9.0	1.27

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)