


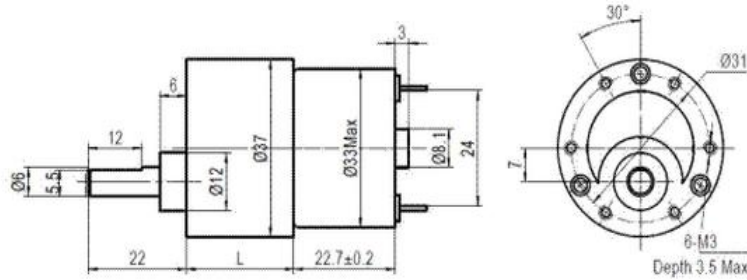


深圳市金皇冠微电机有限公司

Shenzhen Gold Crown Micromotor Co.,Ltd.

	GC-37-520 DC SPUR GEAR MOTOR Series
	<p>Main voltage:6VDC,12VDC,24VDC</p> <p>Typical Applications: Auto shutter,Money detector,Binding machine,Automatic TV rack, Packing bank note machine,Limelight,Tissue machine,Office equipment,Household appliances,Automatic actuator.</p>

APPEARANCE SIZE



Motor data

Model	VOLTAGE	NO LOAD		LOAD TORQUE				STALL	
		Speed	Current	Speed	Current	Torque	Output	Torque	Current
	V	R/min	mA	R/min	mA	gf/cm	W	gf/cm	mA
GC-520123000	12	3000	≤20	2200	≤110	25	0.55	100	400
GC-520124500	12	4500	≤30	3300	≤150	35	1.2	150	850
GC-520126000	12	6000	≤40	4500	≤400	45	2.3	180	1400
GC-520243000	24	3000	≤15	2200	≤60	25	0.55	100	200
GC-520244500	24	4500	≤20	3300	≤80	35	1.2	140	420
GC-520246000	24	6000	≤30	4500	≤200	45	2.3	180	700

Remarks:After connecting motor and gearbox(named gear motor)the output torque of gear motor=driving motor torque*gear reduction ration*gearingh efficiency;Outpur speed pf gear motor=Driving motor speed/gear reduction ration

Gearbox Data

Number of stages	2,3stages reduction	4,5stages reduction	6,7stages reduction
Reduction ratio	7,10; 21,30	61,90; 121,184,270	552,810; 1656,2443
Gearbox Length "L"mm	18; 21.5	24;26.5	29; 31.5
Max.Running torque	2Kgf.cm	10Kgf.cm	15Kgf.cm
Max.Gear breaking torque	8Kgf.cm	30Kgf.cm	40Kgf.cm
Max.Gearing efficiency	81%; 73%	65%; 59%	53%; 48%

Other reduction ratio please call or email to us.

NOTE:

- Gear motor named methods:e.g.GC-37RS520123000-90K.as for Driving Motor, please refer to the motor data of RS-520123000:Gearbox, please refer to gearbox data of reduction ration 211. Related to the gear motor output speed & torque,please refer to the remarks in driving motor data:
- Motor can be installed with magnetic encoder,for more details,pls refer to our company website:
- Standard output shaft after reducing: \varnothing 6.Omm,othersizes of the output shaft can be made as clients request:
- The gear materials can be ptastic,powder metallurgy, or 45# steel after heat-treatment:
- Chart only for refrence,products shall prevail the entity.