

DS-37RS555 DC SPUR GEAR MOTOR Series

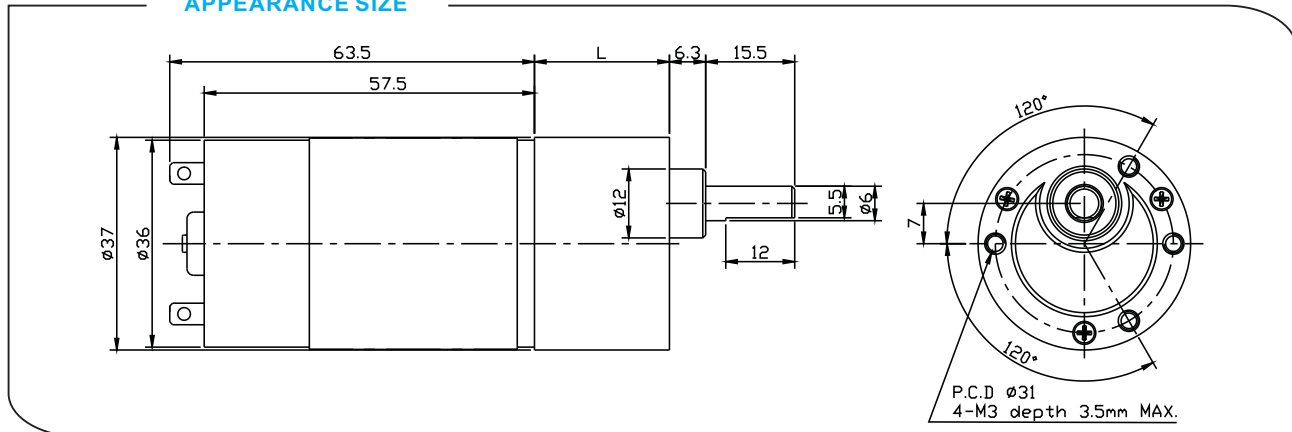
Main voltage: 6VDC、12VDC、24VDC

Typical applications:

Auto shutter, Money detector, Binding machine, Automatic TV rack, Packing bank note machine, Towel dispensers, Tissue machine, Office equipment, Household appliances, Automatic actuator.



APPEARANCE SIZE



Gearbox Data:

Number of stages	2、3 stages reduction	4、5 stages reduction	6、7 stages reduction
Reduction ratio	7、10 ; 21、30	61、90; 121、184、270	552、810 ; 1656、2443
Gearbox length "L" mm	19; 22.5	25 ; 27.5	30 ; 32.5
Max. Running torque	2Kgf • cm	10Kgf • cm	10Kgf • cm
Max. Gear breaking torque	8Kgf • cm	30Kgf • cm	30Kgf • cm
Max. Gearing efficiency	81%; 73%	65%; 59%	53%; 48%
Other reduction ratio please telephone or e-mail to our engineering department.			

Motor Data:

Motor name	Rated Volt. V	No load		Load torque				Stall torque	
		Current	Speed	Current	Speed	Torque	Output power	Torque	Current
		mA	r/min	mA	r/min	gf • cm	W	gf • cm	mA
RS-555123000	12	≤140	3000	≤800	2200	150	3.3	600	3000
RS-555124500	12	≤220	4500	≤1200	3300	220	7.2	880	4800
RS-555126000	12	≤350	6000	≤2000	4500	300	13.5	1200	6000
RS-555243000	24	≤70	3000	≤400	2200	150	3.3	600	1600
RS-555244500	24	≤110	4500	≤600	3300	220	7.2	880	3000
RS-555246000	24	≤180	6000	≤1000	4500	300	13.5	1200	4000

Remarks: After connecting motor and gearbox(named gear motor),the output torque of gear motor=driving motor torque*gear reduction ration*gearing efficiency; Output speed of gear motor = Driving motor speed/gear reduction ration.

NOTE:

1. Gear motor named methods:e.g.DS-37RS555123000-90K,as for Driving Motor, please refer to the motor data of RS-555123000;Gearbox, please refer to gearbox data of reduction ration 90.Related to the gear motor output speed & torque,please refer to the remarks in driving motor data;
2. Motor can be installed with magnetic encoder,for more details,pls refer to our company website;
3. Standard output shaft after reducing: ϕ 6.0mm,othersizes of the output shaft can be made as client's request;
4. The gear materials can be plastic,powder metallurgy,or 45# steel after heat-treatment;