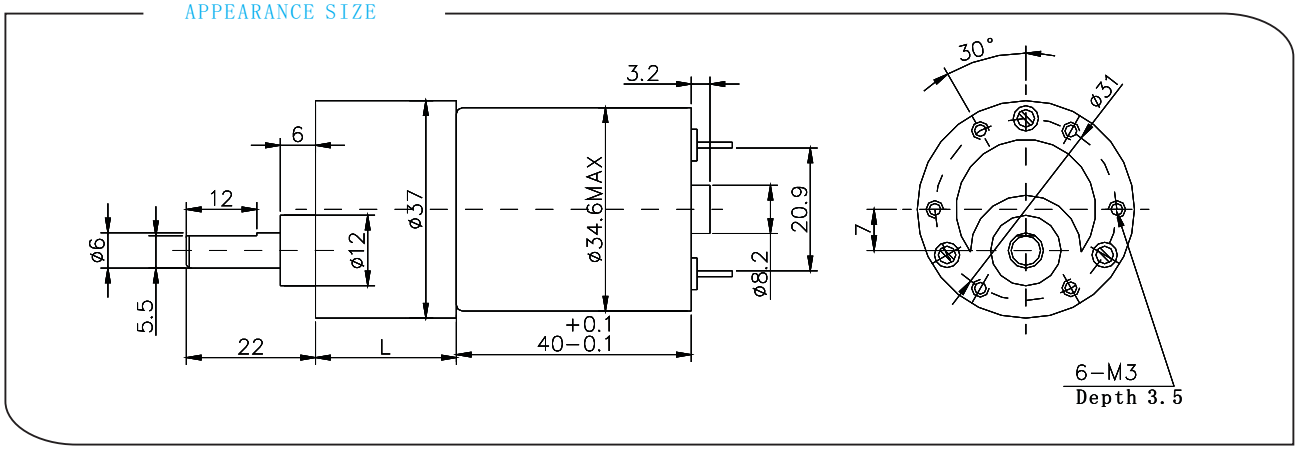
DS-37RS3540 DC SPUR GEAR MOTOR Series

Main voltage:**6VDC、12VDC、24VDC**
Typical applications:

Auto shutter,Money detector,Binding machine,Automatic TV rack,Packing bank note machine,Limelight,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	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 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
DS-35400123000	12	≤50	3000	≤300	2200	60	2.0	240	800
DS-35400124500	12	≤70	4500	≤500	3300	90	3.4	500	2000
DS-35400126000	12	≤100	6000	≤700	4500	120	4.6	600	2500
DS-35400243000	24	≤25	3000	≤150	2200	60	1.7	220	500
DS-35400244500	24	≤35	4500	≤250	3300	90	3.0	240	800
DS-35400246000	24	≤50	6000	≤350	4500	120	4.6	550	1400

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-37RS35400123000-90K,as for Driving Motor, please refer to the motor data of DS-3540123000;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: ¢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;