

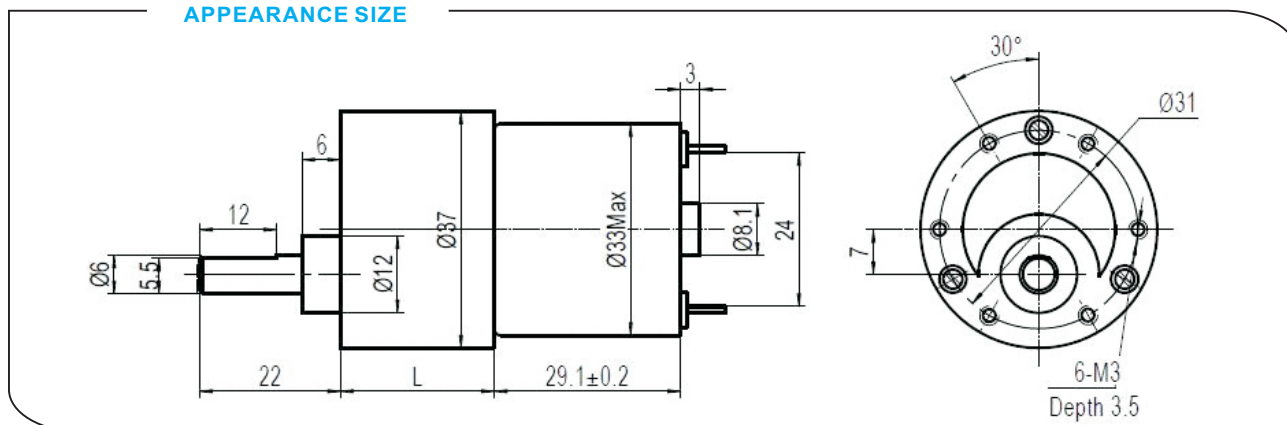
DS-37RS528 DC SPUR GEAR MOTOR Series

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
RS-528123000	12	≤40	3000	≤180	2200	40	1.0	160	720
RS-528124500	12	≤60	4500	≤350	3300	60	2.0	210	1400
RS-528126000	12	≤70	6000	≤720	4500	80	3.6	300	2800
RS-528243000	24	≤15	3000	≤80	2200	40	0.9	140	320
RS-528244500	24	≤25	4500	≤180	3300	60	2.0	210	730
RS-528246000	24	≤45	6000	≤360	4500	80	3.6	300	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-37RS5280123000-90K,as for Driving Motor, please refer to the motor data of DS-528123000;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: $\Phi 6.0$ mm,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;