

## DS-65SS3530 DC SPUR GEAR MOTOR Series

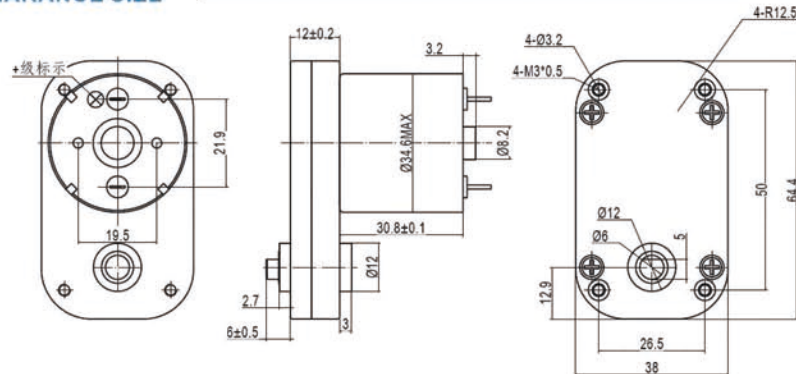
Main voltage: 6VDC, 12VDC, 24VDC

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	3	4	5
Reduction ratio	36、48、60、66	90、100、120、155、173、225	450
Max. Running torque	2Kgf. cm	10 Kgf. cm	15 Kgf. cm
Max. Gear breaking torque	8 Kgf. cm	25 Kgf. cm	35 Kgf. cm
Max. Gearing efficiency	73%	65%	59%

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-3530	12	≤40	3000	≤200	2200	80	0.7	400	1150
RS-3530	12	≤50	4500	≤250	3300	100	1.8	350	1250
RS-3530	12	≤70	6000	≤300	4500	120	3.1	450	2100
RS-3530	24	≤20	3000	≤100	2200	50	0.9	180	300
RS-3530	24	≤30	4500	≤150	3300	70	2.1	300	700
RS-3530	24	≤40	6000	≤200	4500	80	3.2	400	1150

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-65SS3530123000-90K,As for Driving Motor, please refer to the motor data of RS-3530123000;Gearbox, please refer to gearbox data of reduction ratio 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:  $\varnothing 6.0$ mm, others sizes of the output shaft can be made as client request.
4. The gear materials can be plastic, powder metallurgy, or 45# steel after heat-treatment;