DongShun

DS-95SS545 DC SPUR GEAR MOTOR Series

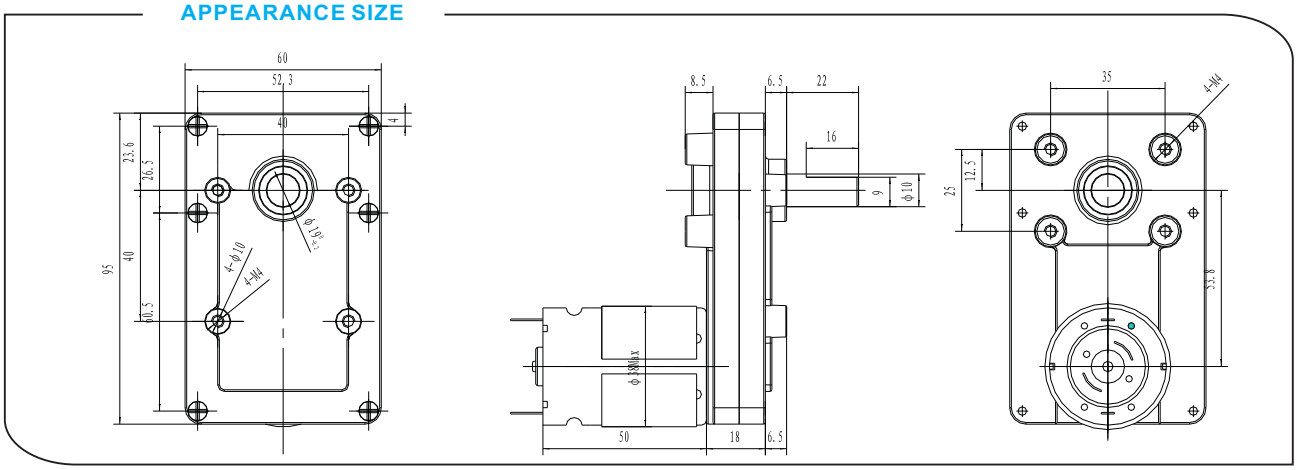
Main voltage:6VDC、12VDC、24VDC
Typical applications:

Central air-conditioning valve,Amusement equipment,Coin refund devices,Grill,Oven,Peristaltic pumps,ATM bank automatic system,Robot,Medical equipment,Office equipment,Household appliances,Automatic actuator.

Weight:450~500g/pcs(approx)

Packing details:CTN size:55X35XH18cm 24pcs/CTN G.W.13Kgs

APPEARANCE SIZE



Gearbox Data:

Number of stages	3 stages reduction	4 stages reduction	5 stages reduction
Reduction ratio	36、66、94	149、196、211、 277、394	624、830、1166
Max. Running torque	5Kgf • cm	20Kgf • cm	50Kgf • cm
Max. Gear breaking torque	15Kgf • cm	60Kgf • cm	150Kgf • 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-545123000	12	≤110	3000	≤450	2200	100	2.2	400	1800
RS-545124500	12	≤220	4500	≤800	3300	150	4.9	600	3000
RS-545126000	12	≤350	6000	≤1500	4500	200	9.0	800	5500
RS-545243000	24	≤60	3000	≤230	2200	100	2.2	400	900
RS-545244500	24	≤110	4500	≤400	3300	150	4.9	600	1500
RS-545246000	24	≤150	6000	≤750	4500	200	9.0	800	3000
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-95SS545123000-94K,as for Driving Motor, please refer to the motor data of RS-545123000;Gearbox, please refer to gearbox data of reduction ration 94.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;