

DS-95SS528 DC SPUR GEAR MOTOR Series

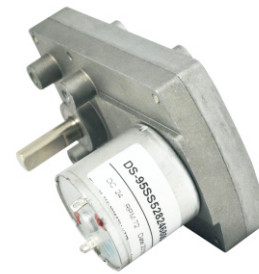
Main voltage: 6VDC、12VDC、24VDC

Typical applications:

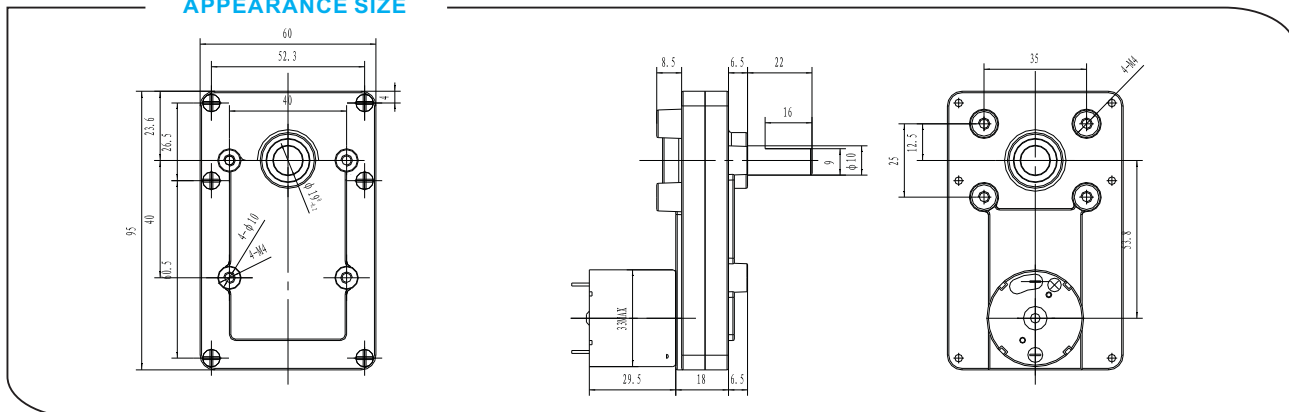
Central air-conditioning valve, Amusement equipment, Coin refund devices, Grill, Oven, Peristaltic pumps, ATM bank automatic system, Robot, Medical equipment, Office equipment, Household appliances, Automatic actuator.

Weight: 350~400g/pcs (approx)

Packing details: CTN size: 55X35XH18cm 24pcs/CTN G.W. 11Kgs



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
DS-528123400	12	≤40	3400	≤180	2500	40	1.0	160	720
DS-528124500	12	≤60	4500	≤350	3300	60	2.0	210	1400
DS-528126000	12	≤70	6000	≤720	4500	80	3.6	300	2800
DS-528243000	24	≤15	3000	≤80	2200	40	0.9	140	320
DS-528244500	24	≤25	4500	≤180	3300	60	2.0	210	730
DS-528246700	24	≤45	6700	≤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-95SS528123400-94K, as for Driving Motor, please refer to the motor data of DS-528123400; 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: $\phi 6.0$ mm, other sizes 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;