



DS-43SS520 DC GEAR MOTOR Series **DongShun**

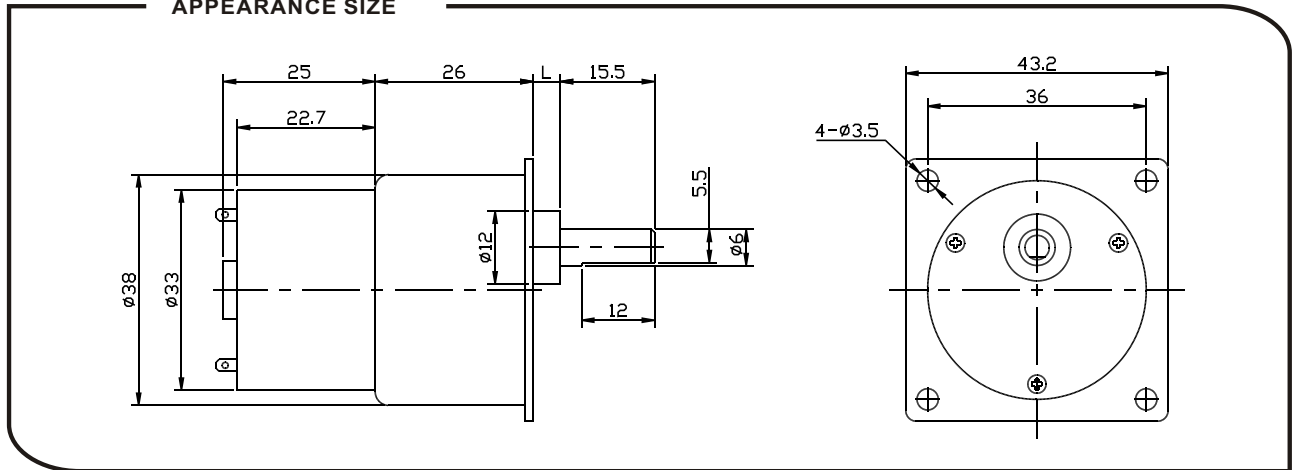
Main voltage: 3VDC、6VDC、9VDC、12VDC、24VDC、

Typical applications: Auto shutter, Money detector, Binding machine, Automatic TV rack, Packing bank note machine, Towel dispensers, Tissue machine, Office equipment, Household appliances, Automatic actuator.

Weight: 120~160g/pcs(approx)

Packing details: CTN size: 36.5X31XH17cm 60pcs/CTN G.W.11Kgs

APPEARANCE SIZE



Gearbox data:

Number of stages	2、3 stages reduction	4stages reduction	5 stages reduction
Reduction ratio	6、10 ; 20、30	60、90	120、180、270
Sleeving length "L" mm	2.0	4.5	7.0
Max. Running torque	2Kgf · cm	10Kgf · cm	10Kgf · cm
Max. Gear breaking torque	8Kgf · cm	30Kgf · cm	30Kgf · cm
Max. Gearing efficiency	81%; 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-520123000	12	≤20	3000	≤110	2200	25	0.55	100	400
DS-520124500	12	≤30	4500	≤220	3300	35	1.2	140	850
DS-520126000	12	≤40	6000	≤410	4500	45	2.3	180	1400
DS-520243000	24	≤15	3000	≤60	2200	25	0.55	100	200
DS-520244500	24	≤20	4500	≤110	3300	35	1.2	140	420
DS-520246000	24	≤30	6000	≤200	4500	45	2.3	180	700

1. This table lists some motors parameters, others please refer to specific parameters of Page 145.

2. After connecting motor and gearbox which is named gearmotor the output torque: motor torque X reduction ratio X gearing efficiency; output speed: motor speed / reduction ratio.

NOTE:

- Gearmotor named methods: e.g. DS-43SS520123000-90K Motor please refer to the motor data DS-520123000. Gearbox please refer to gearbox data reduction ratio 90. Related to gearmotor output speed and torque please refer to motor data.
- Gearbox shell material: zinc alloy.
- Gearbox gear materials: The first stage gear: plastic gear. The final stage gear: 45# steel Heat-treatment gear. Other stages gear: powder metallurgy gear.
- Standard output shaft after reducing: 6.0mm. other sizes of the output shaft can make as client request.
- Chart only for reference, products shall prevail the entity.