

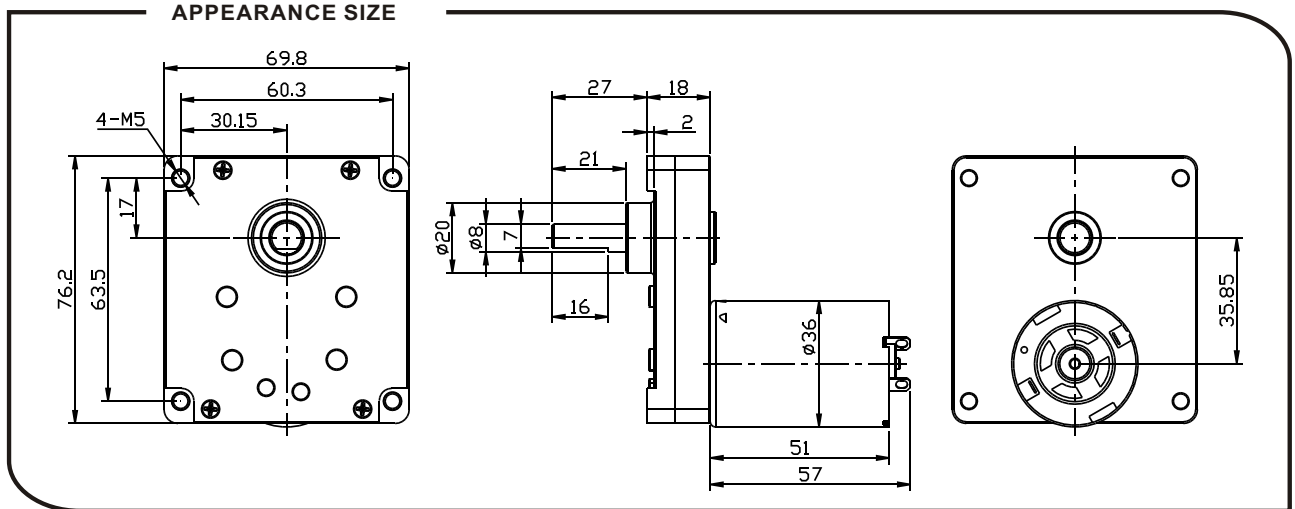
DS-76SS545 DC GEAR MOTOR Series DongShun

Main voltage: 3VDC, 6VDC, 9VDC, 12VDC, 24VDC, 36VDC

Typical applications: Welding machine, Garbage disposers, Coffee machine, Mimeograph, Manostat, Paper shredder, Card conveyors, Central air-conditioning valve, Office equipment, Household appliances, Automatic actuator.

Weight: 450~500g/pcs(approx)

Packing details: CTN size: 55X35XH18cm 24pcs/CTN G.W.14Kgs



Gearbox data:

| Number of stages | 3 stages reduction | 4 stages reduction | 5 stages reduction |
|---------------------------|--------------------|-------------------------|-------------------------|
| Reduction ratio | 36, 66, 94 | 139, 155, 196, 219, 277 | 322, 392, 456, 555, 833 |
| Max. Running torque | 10Kgf · cm | 20Kgf · cm | 30Kgf · cm |
| Max. Gear breaking torque | 30Kgf · cm | 60Kgf · cm | 90Kgf · 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 |

1. This table lists some motors parameters, others please refer to specific parameters of Page 147.

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:

1. Gearmotor named methods: e.g. DS-76SS545123000-94K Motor please refer to the motor data RS-545123000. Gearbox please refer to gearbox data reduction ratio 94. Related to gearmotor output speed and torque please refer to motor data.
2. Motor can be installed with magnetic encoder, encoder parameters please refer to Page 141.
3. Gearbox shell material: zinc alloy.
4. Gearbox gear materials: The first stage gear: plastic gear. The final stage gear: 45# steel Heat-treatment gear. Other stages gear: powder metallurgy gear.
5. Standard output shaft after reducing: 8.0mm. other sizes of the output shaft can make as client request.
6. Chart only for reference, products shall prevail the entity.