



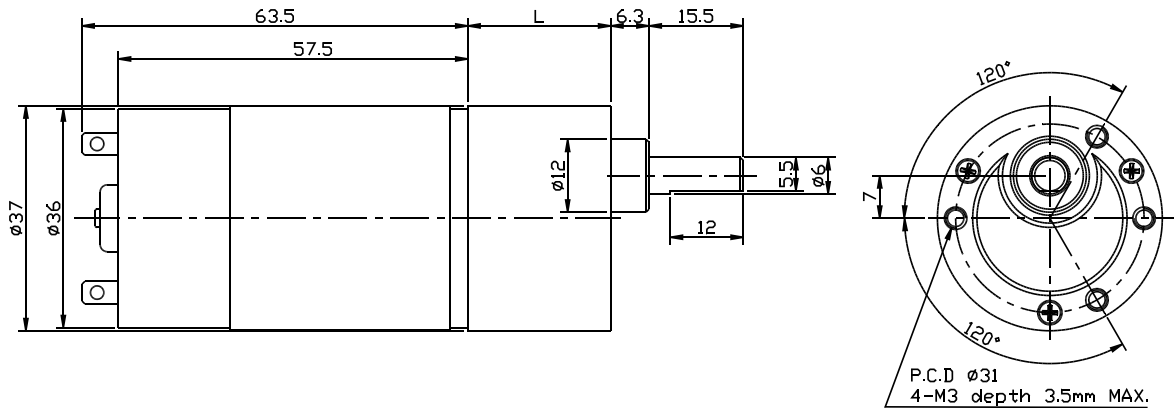
**Main voltage:** 3VDC、6VDC、9VDC、12VDC、24VDC、36VDC

**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:** 350~400g/pcs (approx)

**Packing details:** CTN size: 27.5X26XH22.5cm 40pcs/CTN G.W. 15Kgs

## APPEARANCE SIZE



## Gearbox data:

| Number of stages          | 2、3 stages reduction | 4、5 stages reduction | 6、7 stages reduction |
|---------------------------|----------------------|----------------------|----------------------|
| Reduction ratio           | 6、10；20、30           | 60、90；120、180、270    | 489、540              |
| Gearbox length "L" mm     | 23.5                 | 26 28                | 30                   |
| 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%              | 53%；48%              |

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-555123000 | 12            | ≤140    | 3000  | ≤800        | 2200  | 150     | 3.3          | 600          | 3000    |
| RS-555124500 | 12            | ≤220    | 4500  | ≤1200       | 3300  | 220     | 7.2          | 880          | 4800    |
| RS-555126000 | 12            | ≤350    | 6000  | ≤2000       | 4500  | 300     | 13.5         | 1200         | 6000    |
| RS-555243000 | 24            | ≤70     | 3000  | ≤400        | 2200  | 150     | 3.3          | 600          | 1600    |
| RS-555244500 | 24            | ≤110    | 4500  | ≤600        | 3300  | 220     | 7.2          | 880          | 3000    |
| RS-555246000 | 24            | ≤180    | 6000  | ≤1000       | 4500  | 300     | 13.5         | 1200         | 4000    |

1、 This table lists some motors parameters, others please refer to specific parameters of Page 148.

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.