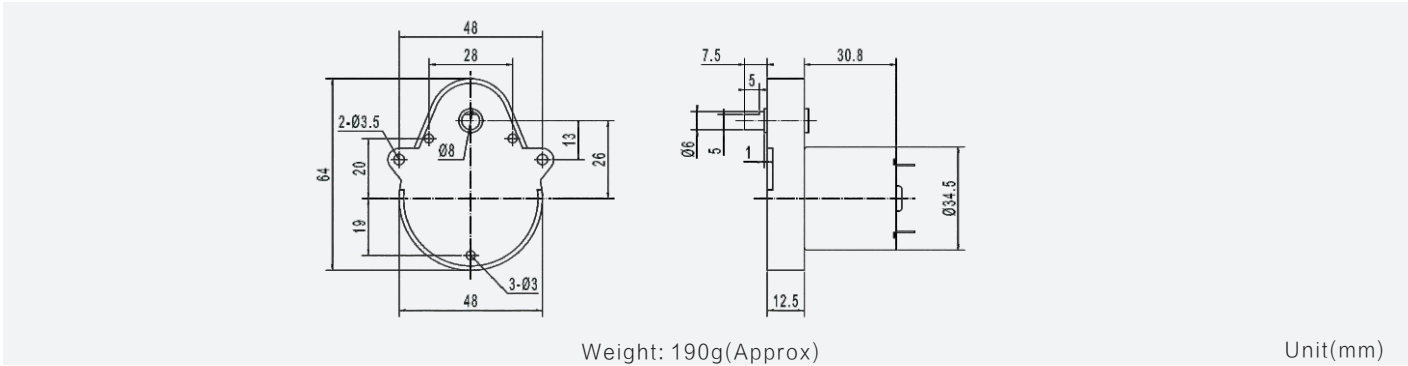
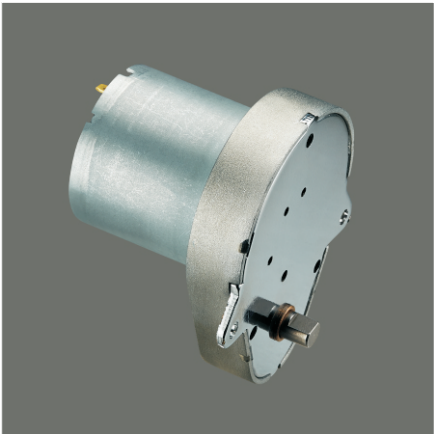


GM48-3530 48mm gearbox plus 3530 permanent magnet DC motor

|                                        |                                 |                   |
|----------------------------------------|---------------------------------|-------------------|
| Module                                 | 0.3/0.4                         |                   |
| Rated torque (kg.cm)                   | 5.0 kg.cm max                   |                   |
| Max momentary tolerance torque (kg.cm) | 10.0 kg.cm max                  |                   |
| Reduction ratio                        | 1/89、1/128、1/225<br>1/250、1/283 | 1/360、1/400、1/453 |
| Number of gear stages                  | 4                               | 5                 |
| Gearbox length L (mm)                  | 12.5                            |                   |



| Reduction ratio |                     | 89  | 128 | 225 | 250 | 283 | 360 | 400 | 453 |  |  |
|-----------------|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| 12.0V           | No-load speed(rpm)  | 55  | 38  | 22  | 20  | 18  | 14  | 13  | 11  |  |  |
|                 | Rated speed(rpm)    | 45  | 33  | 19  | 17  | 15  | 12  | 11  | 10  |  |  |
|                 | Rated torque(kg.cm) | 2.1 | 3.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |  |  |
|                 |                     |     |     |     |     |     |     |     |     |  |  |
| 24.0V           | No-load speed(rpm)  | 60  | 43  | 24  | 22  | 20  | 16  | 14  | 12  |  |  |
|                 | Rated speed(rpm)    | 55  | 38  | 22  | 20  | 17  | 14  | 12  | 11  |  |  |
|                 | Rated torque(kg.cm) | 2.1 | 3.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |  |  |

| Motor model   |  | Rated voltage | No-load |         | Rated |        |         | Stall |        |
|---------------|--|---------------|---------|---------|-------|--------|---------|-------|--------|
|               |  | VDC           | Speed   | Current | Speed | Torque | Current | Power | Torque |
|               |  |               | r/min   | mA      | r/min | g.cm   | mA      | W     | g.cm   |
| TRK-3530-1250 |  | 12.0          | 5000    | 45      | 4300  | 40     | 320     | 1.8   | 250    |
| TRK-3530-2456 |  | 24.0          | 5600    | 20      | 4850  | 40     | 180     | 2.0   | 300    |

