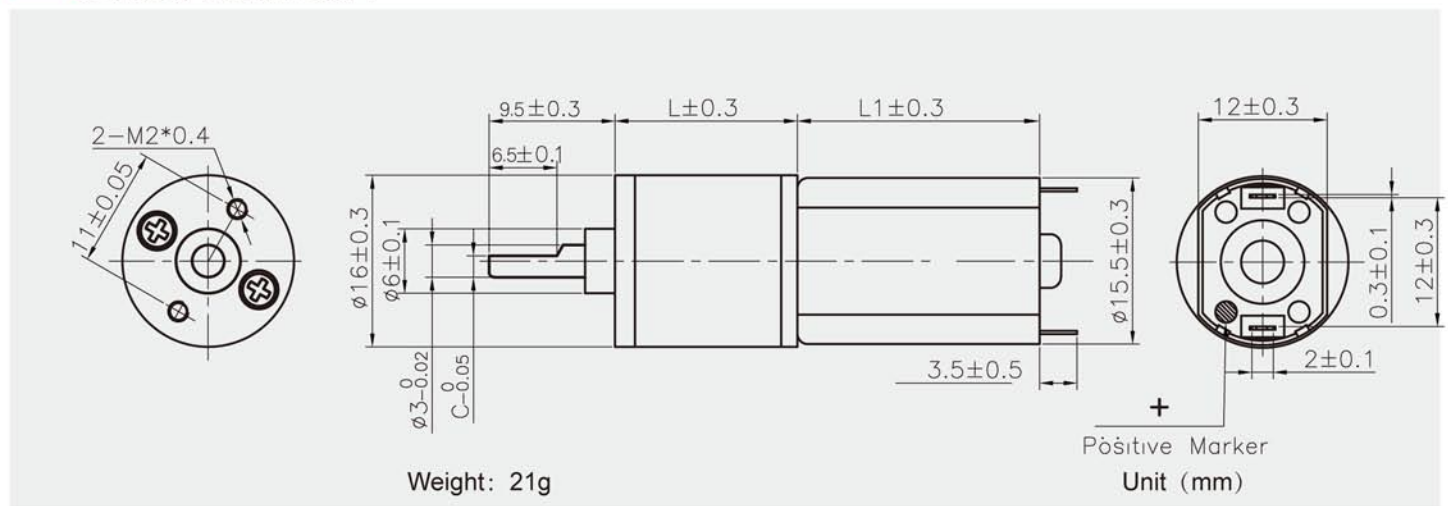




## Typical Applications

- Smart Locks: Door Lock, Fingerprint Lock, Express Cabinet Lock, Bike Lock
- Household Appliances: Hair Curler
- Financial Medical Equipment: Projector
- Industrial Equipment: Air Switch
- Intelligent Robot: Mechanical Arm, UAV (Unmanned Aerial Vehicle), Service Robot

## Outline Dimension



Voltage, rated torque, speed, current, power and shaft size can be customized as requirement.

## Technical Data

| MODEL          | VOLTAGE | NO-LOAD |         | AT MAXIMUM EFFICIENCY |         |        |       | STALL TORQUE |       |         | GEAR RATIO | LENGTH OF GEAR BOX (L) | MATCH THE MOTOR | LENGTH OF MOTOR (L1) |
|----------------|---------|---------|---------|-----------------------|---------|--------|-------|--------------|-------|---------|------------|------------------------|-----------------|----------------------|
|                |         | SPEED   | CURRENT | SPEED                 | CURRENT | TORQUE |       | TORQUE       |       | CURRENT |            |                        |                 |                      |
|                | V       | r/min   | A       | r/min                 | A       | mN.m   | Kg.cm | mN.m         | Kg.cm | A       |            | mm                     |                 | mm                   |
| GF-16A050-13   | 12      | 1858    | 0.128   | 1478                  | 0.49    | 8.0    | 0.08  | 16.0         | 0.16  | 1.73    | 13         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-16   | 12      | 1509    | 0.128   | 1201                  | 0.49    | 15.5   | 0.16  | 31.0         | 0.32  | 1.73    | 16         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-26   | 12      | 929     | 0.128   | 739                   | 0.49    | 15.5   | 0.16  | 31.0         | 0.32  | 1.73    | 26         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-32   | 12      | 755     | 0.128   | 600                   | 0.49    | 16.5   | 0.17  | 33.0         | 0.34  | 1.73    | 32         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-37   | 12      | 653     | 0.128   | 519                   | 0.49    | 18.5   | 0.19  | 37.0         | 0.38  | 1.73    | 37         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-45   | 12      | 537     | 0.128   | 427                   | 0.49    | 19.5   | 0.20  | 48.8         | 0.50  | 1.73    | 45         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-75   | 12      | 322     | 0.142   | 256                   | 0.54    | 20.5   | 0.21  | 51.3         | 0.52  | 1.73    | 75         | 12.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-91   | 12      | 265     | 0.142   | 211                   | 0.54    | 30.5   | 0.31  | 76.3         | 0.78  | 1.73    | 91         | 14                     | JFF/K-050       | 26.9                 |
| GF-16A050-105  | 12      | 230     | 0.142   | 183                   | 0.54    | 32.5   | 0.33  | 81.3         | 0.83  | 1.73    | 105        | 14                     | JFF/K-050       | 26.9                 |
| GF-16A050-128  | 12      | 189     | 0.142   | 150                   | 0.54    | 50.5   | 0.51  | 126.3        | 1.29  | 1.73    | 128        | 14                     | JFF/K-050       | 26.9                 |
| GF-16A050-148  | 12      | 163     | 0.142   | 130                   | 0.54    | 55.6   | 0.57  | 139.0        | 1.42  | 1.73    | 148        | 14                     | JFF/K-050       | 26.9                 |
| GF-16A050-182  | 12      | 133     | 0.142   | 106                   | 0.54    | 70.5   | 0.72  | 176.3        | 1.80  | 1.73    | 182        | 14                     | JFF/K-050       | 26.9                 |
| GF-16A050-210  | 12      | 115     | 0.160   | 92                    | 0.61    | 85.2   | 0.87  | 213.0        | 2.17  | 1.73    | 210        | 15.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-256  | 12      | 94      | 0.160   | 75                    | 0.61    | 90.5   | 0.92  | 226.3        | 2.31  | 1.73    | 256        | 15.5                   | JFF/K-050       | 26.9                 |
| GF-16D050-362  | 12      | 67      | 0.160   | 53                    | 0.61    | 105.8  | 1.08  | 264.5        | 2.70  | 1.73    | 362        | 15.5                   | JFF/K-050       | 26.9                 |
| GF-16A050-592  | 12      | 41      | 0.160   | 32                    | 0.61    | 125.5  | 1.28  | 376.5        | 3.84  | 1.73    | 592        | 17                     | JFF/K-050       | 26.9                 |
| GF-16A050-723  | 12      | 33      | 0.160   | 27                    | 0.61    | 135.6  | 1.38  | 406.8        | 4.15  | 1.73    | 723        | 17                     | JFF/K-050       | 26.9                 |
| GF-16A050-825  | 12      | 29      | 0.160   | 23                    | 0.61    | 145.2  | 1.48  | 535.6        | 5.46  | 1.73    | 825        | 17                     | JFF/K-050       | 26.9                 |
| GF-16A050-1021 | 12      | 24      | 0.183   | 19                    | 0.70    | 205.6  | 2.10  | 616.8        | 6.29  | 1.73    | 1021       | 17                     | JFF/K-050       | 26.9                 |

## Packing Details

QTY: 400 pcs/ctn Carton Size: 36.5\*26.5\*24 cm Gross Weight: 9 kg/ctn Net Weight: 8.5 kg/ctn