

## Item No.:GM3

### Features

- Widely applied in medical care facilities such as moxibustion bed, physiotherapy beds, smart home furniture including electric sofa, electric massage chair, adjustable bed, with the character of low noise, wide application, safe and reliability.
- Three kinds of DC voltage, speed and loading can be customized.
- Working conditions: Operating Temperature: -30°C-65°C Relative Humidity: 20%-90%; Atmospheric Pressure: 0.08-0.11MPa;
- The linear actuator is made of high-quality steel, aluminum alloy and high-strength resin materials to meet the structural strength under large thrust. Aviation lubricating grease can provide long-term effective lubrication. The motor has a built-in thermal protection switch to protect the motor from overheating.

### Usage

- Input voltage (DC) : 12V/24V/36V
- Dynamic Load Push(N): 4000N, 2500N, 2000N, 1000N, 800N, 600N, 500N
- Speed at no load: 5mm/s, 10mm/s, 11mm/s, 16mm/s, 19mm/s, 28mm/s, 32mm/s
- Minimum Stroke: 15mm, 15mm, 15mm, 75mm, 75mm, 75mm, 75mm
- Minimum Installation Dimension: 145mm
- Limit Switch: Built-in (electronic) or high-accuracy hall sensor
- Noise Level:  $\leq 54$ dB
- Protection Class: IP54
- Weight: kg(different stroke length and installation dimensions with different weight)
- Colour: Black or Grey
- Wiring method: wiring come out from gearbox side
- Duty Cycle: 10%, max. continuous work for 2min. and 18 min. off
- Work environment: Operating Temperature: -30°C-65°C, Relative Humidity: 20%-90%; Atmospheric Pressure: 0.08-0.11MPa
- Reserve Temperature: -40°C-85°C
- Can choose matching with ORGM control box

## Technical specifications

| Input voltage (VDC) | Max. load in push (N) | Speed at no load (mm/s) | Minimum stroke( mm) | Minimum Installation Dimension(mm) |
|---------------------|-----------------------|-------------------------|---------------------|------------------------------------|
| 12                  | 4000                  | 5                       | 15                  | 145                                |
| 12                  | 2500                  | 10                      | 15                  | 145                                |
| 12                  | 2000                  | 11                      | 15                  | 145                                |
| 12                  | 1000                  | 16                      | 75                  | 145                                |
| 12                  | 800                   | 19                      | 75                  | 145                                |
| 12                  | 600                   | 28                      | 75                  | 145                                |
| 12                  | 500                   | 32                      | 75                  | 145                                |
| 24                  | 4000                  | 5                       | 15                  | 145                                |
| 24                  | 2500                  | 10                      | 15                  | 145                                |
| 24                  | 2000                  | 11                      | 15                  | 145                                |
| 24                  | 1000                  | 16                      | 75                  | 145                                |
| 24                  | 800                   | 19                      | 75                  | 145                                |
| 24                  | 600                   | 28                      | 75                  | 145                                |
| 24                  | 500                   | 32                      | 75                  | 145                                |
| 36                  | 4000                  | 5                       | 15                  | 145                                |
| 36                  | 2500                  | 10                      | 15                  | 145                                |
| 36                  | 2000                  | 11                      | 15                  | 145                                |
| 36                  | 1000                  | 16                      | 75                  | 145                                |
| 36                  | 800                   | 19                      | 75                  | 145                                |
| 36                  | 600                   | 28                      | 75                  | 145                                |
| 36                  | 500                   | 32                      | 75                  | 145                                |

## Dimensions

