

# Item No.:GM7S

## Features

- Widely applied in medical care equipment, including electric hospital bed, examination bed, clinic chair, dental chair, massage sofa; also applied in lifting machinery equipment, with the character of low noise, wide application, safe and stable.
- Three kinds of DC voltage, speed and loading can be customized.
- Working conditions: Operating Temperature:  $-30^{\circ}\text{C}$ – $65^{\circ}\text{C}$  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): 6000N, 5000N, 3000N, 1500N, 1000N, 800N, 500N
- Speed at no load: 5mm/s, 7mm/s, 10mm/s, 14mm/s, 19mm/s, 22mm/s, 32mm/s
- Minimum Stroke: 15mm, 15mm, 15mm, 75mm, 75mm, 75mm, 75mm
- Minimum Installation Dimension: S+164mm
- Limit Switch: Built-in (electronic) or high-accuracy hall sensor
- Noise Level:  $\leq 54\text{dB}$
- 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:  $-30^{\circ}\text{C}$ – $65^{\circ}\text{C}$ , Relative Humidity: 20%–90%; Atmospheric Pressure: 0.08–0.11MPa
- Reserve Temperature:  $-40^{\circ}\text{C}$ – $85^{\circ}\text{C}$
- 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	6000	5	15	S+164
12	5000	7	15	S+164
12	3000	10	15	S+164
12	1500	14	75	S+164
12	1000	19	75	S+164
12	800	22	75	S+164
12	500	32	75	S+164
24	6000	5	15	S+164
24	5000	7	15	S+164
24	3000	10	15	S+164
24	1500	14	75	S+164
24	1000	19	75	S+164
24	800	22	75	S+164
24	500	32	75	S+164
36	6000	5	15	S+164
36	5000	7	15	S+164
36	3000	10	15	S+164
36	1500	14	75	S+164
36	1000	19	75	S+164
36	800	22	75	S+164
36	500	32	75	S+164

## Dimensions

