

Item No.:GM8S

Features

- Widely applied in the field of smart home, medical care equipment and clean energy ,which including electric chair, electric wardrobe ,kitchen cabinet, electric wheelchair, ophthalmic table, energy storage container, with the character of high protection, low noise, wide application, safe and stable.
- Three kinds of DC voltage(12V/24V/36V), speed and loading can be customized.
- Working environment: 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):2500N, 1500N, 1000N, 700N
- Speed at no load:5mm/s, 8.5mm/s, 10mm/s, 13mm/s
- Minimum Stroke: 10mm, 10mm, 10mm, 25mm
- Minimum Installation Dimension: $S+120\text{mm}$ ($S \leq 200$) ; $S+140\text{mm}$ ($200 < S \leq 400$) ; $S+170\text{mm}$ ($400 < S \leq 600$)
- Limit Switch: Built-in (electronic) or high-accuracy hall sensor
- Noise Level: $\leq 54\text{dB}$
- Protection Class: IP43
- 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	2500	5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
12	1500	8.5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
12	1000	10	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
12	700	13	25	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
24	2500	5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
24	1500	8.5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
24	1000	10	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
24	700	13	25	S+120 $S \leq 200$ S+140 $200 < S \leq 400$

				S+170 $400 < S \leq 600$
36	2500	5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
36	1500	8.5	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
36	1000	10	10	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$
36	700	13	25	S+120 $S \leq 200$ S+140 $200 < S \leq 400$ S+170 $400 < S \leq 600$

Dimensions

