

# Item No.:GL1

## Features

- Widely applied in smart home, smart office and medical care equipment, such as lifting TV base, lifting coffee table, home study desk, lifting dresser base, lifting kitchen island, lifting white board, lifting podium, odette conference, invictus gaming desk, ophthalmic workstation, with the characters of low noise, wide application, smooth appearance, small space occupation, safe and stable.
- Three kinds of DC voltage optional :12V/24V/36V, speed and loading can be customized.
- Working conditions: Operating Temperature:-10℃-50℃, Relative Humidity: 20%-90%; Atmospheric Pressure: 0.08-0.11MPa;
- The lifting column motor is placed inside the pipe to save installation space, and the surface of the pipe is treated with oxidation for a beautiful appearance. The use of high-quality aluminum alloy materials and high-strength resin materials can meet the structural strength under high thrust. The motor is equipped with a built-in thermal protection switch to achieve motor overheating protection.
- Hall sensor enabling parallel drive, compatible with ORGM control box, single or 2, 3, or 4 parallel drive or even multi-parallel with up to 12 columns.

## 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:  $\leq 48$ dB
- Protection Class: IP43
- Weight: kg(different stroke length and installation dimensions with different weight)
- Color: Off white
- Wiring method: wiring come out from bottom
- Duty Cycle:10%,max.continuous work for 2min. and 18 min. off
- Work environment: Operating Temperature:  $-10^{\circ}\text{C}$ – $50^{\circ}\text{C}$ , 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+160
12	5000	7	15	S+160
12	3000	10	15	S+160
12	1500	14	75	S+160
12	1000	19	75	S+160
12	800	22	75	S+160
12	500	32	75	S+160

24	6000	5	15	S+160
24	5000	7	15	S+160
24	3000	10	15	S+160
24	1500	14	75	S+160
24	1000	19	75	S+160
24	800	22	75	S+160
24	500	32	75	S+160
36	6000	5	15	S+160
36	5000	7	15	S+160
36	3000	10	15	S+160
36	1500	14	75	S+160
36	1000	19	75	S+160
36	800	22	75	S+160
36	500	32	75	S+160

**Dimensions**

