

Data sheet

Lifting column JC35EN-3A



Data sheet

JC35EN-3A

- JC35EN-3A has a big bending moment, heavy load capacity and a low noise level. Among the superiority:
 - Several types are available
 - Heavy load capacity, up to 6000N
 - Vastly big dynamic and static bending moments
- These features gives JC35EN-3A a better bearing capacity and could be used in medical beds, dental chairs, physiotherapy couch and so on. Structure changing, JC35EN-3A has a smaller built-in dimension and faster speed compared to JC35EN-2. Equipped with HALL SENSOR, JC35EN-3A could work in parallel with other columns connected to Jiechang's control boxes.



Features

- Motor: 24 VDC
- Available Load: 2000N/400/6000N
- Stroke Length: 100-400mm(+/-3mm)
- Built-in Dimension: 350mm
- Static Bending Moment: 1000/1500/2000Nm
- Dynamic Bending Moment: 750/1250/1750Nm
- Low Noise Level: ≤ 48 dB (ambient noise ≤ 40 dB)
- Surface: Anodized aluminium
- Protection Level: IPX6
- Built-in Electronic Limit Switches

Options

- Hall Sensor: Run with other columns in parallel

Usage

- Compatible with: JCB35Q, JCB35T, JCB35R(R1), JCB35N2, etc.
- Duty Cycle: 10%; continuous work for max. 2 minutes with a pause of 18 minutes
- Temperature: 0~+50°C
- Certifications: CE, UL

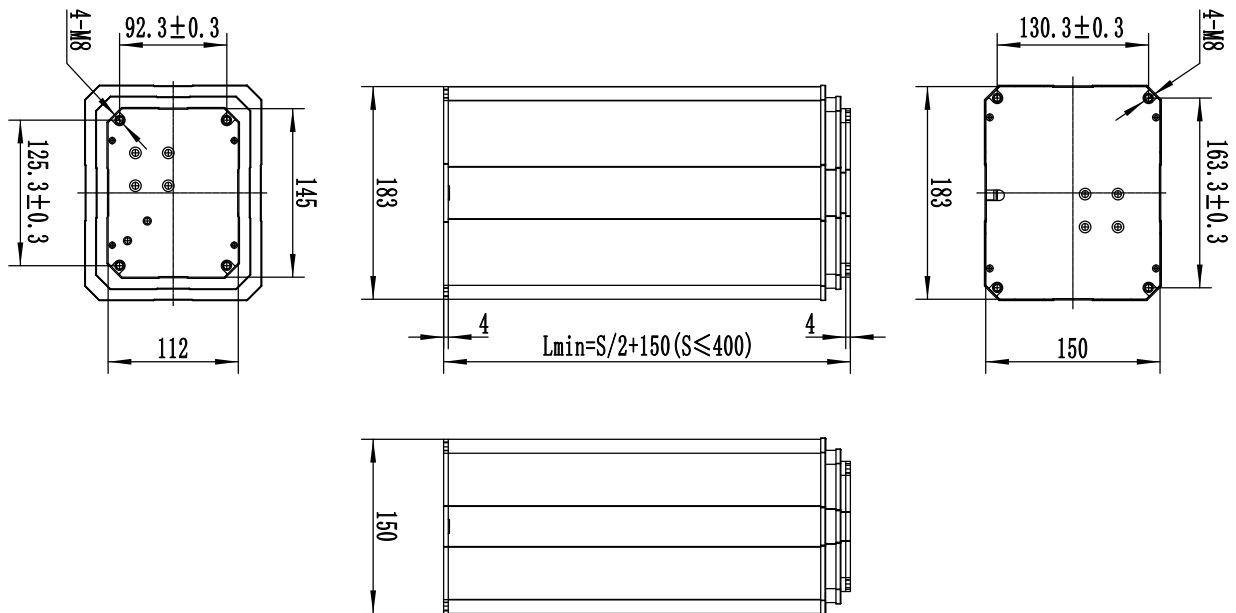
Technical specifications

Max.Load Push (N)	Self-locking Load Push (N)	Stroke Length (mm)	Speed at o Load (mm/s)	Speed at Full Load (mm/s)	Current at Full Load (A)
6000	6000	100-400	6.5	5.5	≤7
4000	4000	100-400	9.5	8.5	≤7
2000	2000	100-400	12.5	11.5	≤7

Comments to table

- The above measures are made in connection with 24VDC stabilized voltage supply
- When the actuators are not running, Jiechang's control boxes could short-circuit the motor terminals (electrodes). Such solutions give actuators higher self-locking load.

Dimension



Installation dimensions

Load(N)	Stroke Length(mm)	Retraced Length(mm)
2000	100-400	$L = S/2 + 150$
4000	100-400	$L = S/2 + 200$
6000	100-400	$L = S/2 + 250$

Ordering Key

JC35EN - 3 - Y - E - 2 - 10 - 24 - 400/350 - 0 - 1 - 10 - 2D0 - 07 - G

