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2023.05

MEDICAL-CARE

PRODUCTS CATALOGUE

Technology Drives Intelligent Life

JIECANG

JIECANG

ABOUT JIECANG

JIECANG was founded in 2000 in Zhejiang province of China and was listed on the Shanghai Stock Exchange in September 2018. We focus on the development, production and sales of linear motion products.

We provide the intelligent motion solutions to intelligent office, medical care, smart home, technical industry and many other fields.

As one of China's high-tech enterprises, JIECANG took the lead in creating the industry standards for the linear actuator and height adjustable table market in China. The company actively helped building up the industry and its standard processes.

Currently, JIECANG has subsidiaries as well as production sites in Asia, Europe and the USA. The company has a total of 594600 square meters, 3000 employees.

TECHNOLOGY DRIVES INTELLIGENT LIFE 02

JIECANG ADVANTAGE

Professional and efficient customization

Both software and hardware can be customized to meet customer needs. For example, the actuator specifications can be adjusted according to the application and the software for special function canbe developed. Our efficient development team allows your products to win market opportunities.

Strictly comply with medical safety regulations

Medical products are committed to the EMC testing requirements of domestic medical devices, and the products comply with ISO9001:2015 and ISO14001:2015 management systems. Export products have passed CE, UL, CE, RoHS, PSE, SAA and other international approvals to ensure that your products meet the standards of various countries.

Targeted development for the global market

Refine the product market and develop products targeted for a wide range of applications. Our endcustomers involve multiple industries and all over the world.

Global pre-sales and after -sales service

Our branches are located in Europe, America, and Asia Pacific. We can reply to you within 24 hours,give feedback or propose solutions within 48 hours. JIECANG provides a 5-year warranty service.

Can-Bus communication protocol

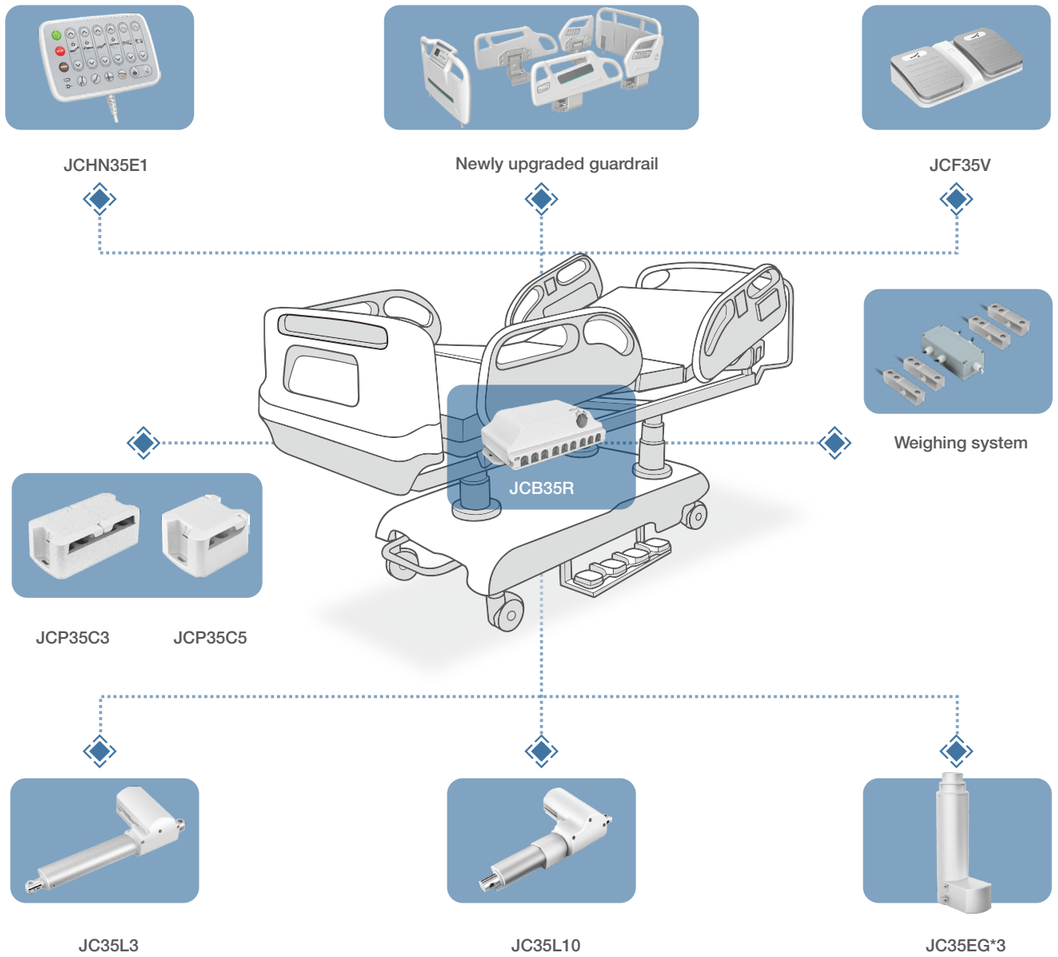
JIECANG specially developed Can-Bus communication protocol, enabling manufacturers toeasily and smoothly integrate intelligent and reliable movement with control system. It allows to provide more functions to the customer's control system.

Solutions to ensure safety

Our IPX6 rated products are washable and easy to clean. Anti-pitch solution, quick release solution and anti-collision solution ensure the safety of users. Twenty thousand fatigue tests ensure the stability of the system.

Actuator System for ICU bed

1. Specially developed for the ICU bed system, the three-column system structure makes the bed design simpler, easily realizes various examinations in the bed, and reduces the secondary injury of severely ill patients
2. It is equipped with more operation function requirements and easy to achieve the operation of each position
3. Equipped with CAN-BUS system, it can achieve more functional requirements and connect outer expansion equipment



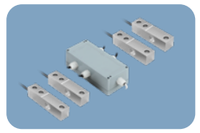
Actuator System for Hospital bed

1. Equipped with CAN-BUS system, it can achieve more functional requirements and connect outer expansion equipment
2. Equipped with weighing and guardrail operating system and it makes weight monitoring and operation simpler
3. With electronic and mechanical CPR, emergency stop switch function then the rescue could do more timely and the operation is safer

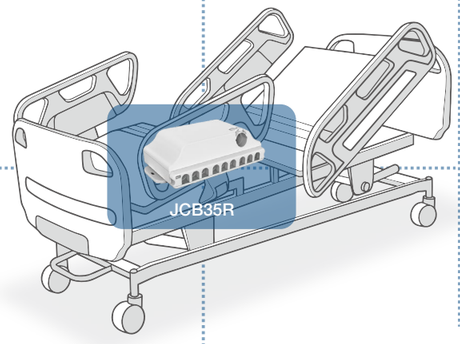
JCHN35H

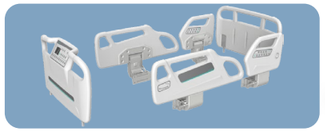
JCHN35E1

JCH35A15



Weighing system

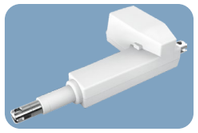




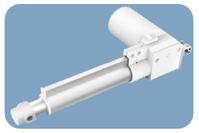
护栏系统

JCP35Q

JCP35E1



JC35B



JC35D

JC35L10

JC35L30

Actuator System for Bath lift

1. IPX8 high waterproof performance
2. Widen flap seat cushion provide comfortable use space
3. Foldable, easy carrying
4. The bottom of the seat is equipped with 6 powerful suction cups with easy pull tag.
5. After full charged, it can run continuously more than 10 times

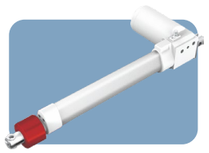
Actuator System for Powered Toilet Lift

1. Stepless adjustment of motion track
2. The initial height is adjustable, people of different heights can find the most comfortable height
3. Large lifting space, suitable for a wider range of peopleEsponsive
4. Double hall sensors, soft limit, smooth operation
5. Adopt split packaging, convenient and quick for user to assemble
6. Exclusive multi-functional customized development

Actuator System for Patient lift

1. Lithium battery design, its service life and frequency are more excellent than lead-acid batteries
2. The control system can record actuator using times and remind the system maintenance
3. Both external charger charging and in-line charging can be chosen
4. Complete sets of systems is up to IPX6 waterproof
5. Optional magnetic handset is more convenient to fix

Option A

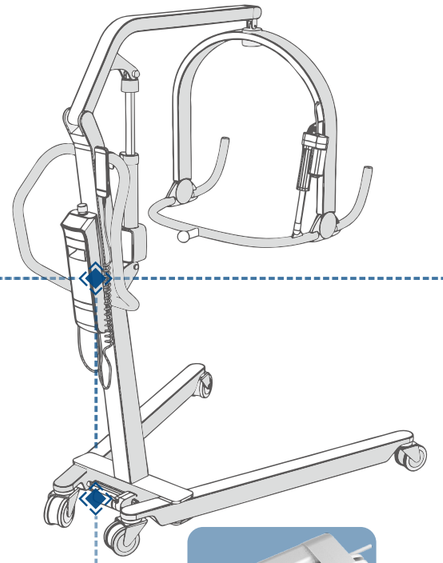


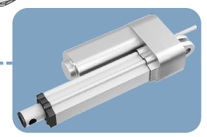
JC35K1

JCB35K2

JCB35K5

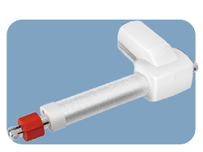
JCH35V2



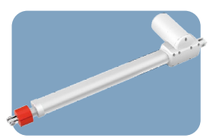


JC35W2-2

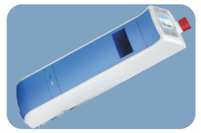
Option B



JC35L12



JC35L28



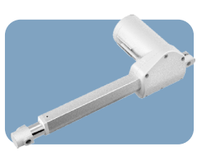
JCB35K3

JCH35A10

Actuator System for Home-care bed

1. Economical system, easy to achieve nursing needs and reduce the intensity of nursing work
2. The handset is equipped with silicone buttons, which adopts to the user's habits
3. Optional power separation system is safer to use

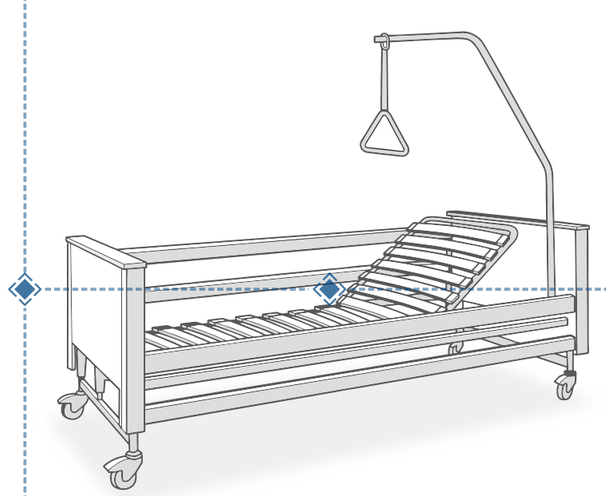
Option A



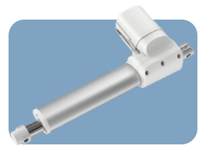
JC35L22

JCB35Q

JCH35A19



Option B



JC35L30

JCB35T

JCH35A18

JC35B5-QH

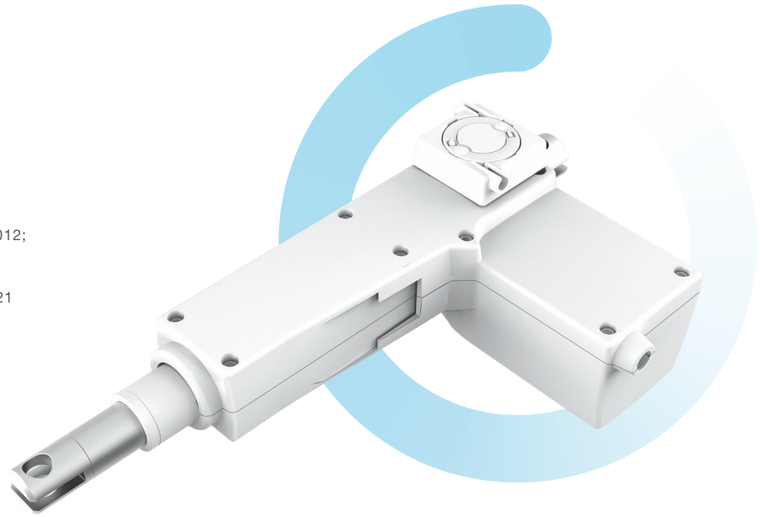
LINEAR ACTUATOR

Feature

- Max. load push(N): 3000
- Max. speed (mm/s): 6.6
- Installation dimensions:
  L=S+177（50<S≤400）
  Lmin=283
- IP grade: IPX4
- Option:
  Quick release (standard)
  Hall sensor
  Reed switch
  Safety nut

Approval

1、ANSI/AAMI ES60601-1:
A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012;
2、EN60601-1:
2006+A1: 2013+A11: 2011+A12:2014+A2:2021



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	5	3000	3000	2000	6.7/5.0	≤3.3
	5	2000	2000	2000	6.7/5.5	≤3.0
	6	3000	2000	2000	7.0/5.5	≤3.8
29	5	3000	3000	2000	8.0/6.0	≤3.3
	5	2000	2000	2000	8.0/6.6	≤3.0
	6	3000	2000	2000	8.5/6.6	≤3.8

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L10

LINEAR ACTUATOR

Feature

- Max. load push(N): 4000
- Dynamic load pull(N): 3500
- Max. speed(mm/s): 8
- Installation dimensions:
  L=235(30≤S<50)
  L=S+185(50≤S≤400)
- IP grade: IP54
- Option:
  Quick release (standard)
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	5	4000	3500	3500	6.5/5.0	≤4. 5
	6	3000	3000	2500	8.5/6.5	≤4. 5
29	5	4000	3500	3500	8.0/6.0	≤4. 5
	6	3000	3000	2500	9.5/8.0	≤4. 5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L23

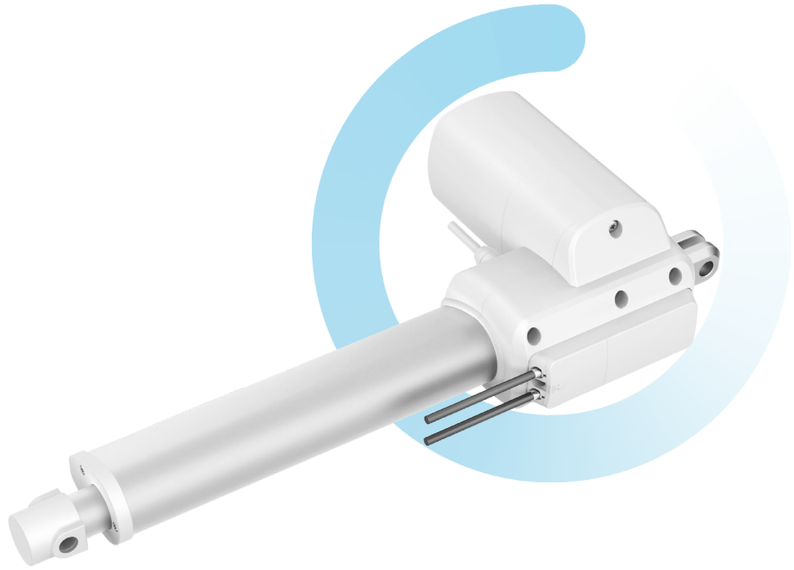
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. speed(mm/s): 7
- Installation dimensions:
  L=S+185(50≤S≤300)
  L=S+195(50≤S≤300,with anti-pitch option)
- IP grade: Max. IPX6
- Option:
  Quick release (standard)
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012,C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	6	6000	/	6000	6.0/4.5	≤4.5
29	6	6000	/	6000	7.0/5.5	≤4.5
36	6	6000	/	6000	9.0/7.0	≤4.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L35

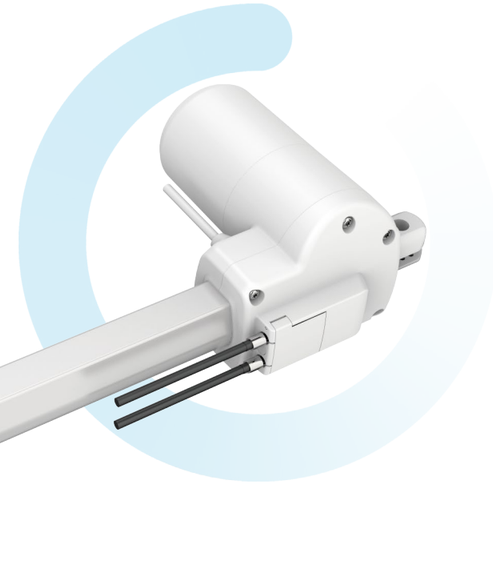
LINEAR ACTUATOR

Feature

- Max. load push(N): 3500
- Min. release force(N): ≤300
- Max. speed(mm/s): 8.2
- Installation dimensions:
  L=S+175(50<S≤250)
- IP grade: Max. IPX6
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.IEC60601-1:2012
2.EN 60601-1:2006+A12:2014
3.ANSI/AAMI ES60601-1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Min. release force (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	6	3500	/	3500	≤300	8.6/6.5	≤5.0
29	6	3500	/	3500	≤300	10.3/8.2	≤5.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35B7

LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed (mm/s): 12
- Installation dimensions:
  L=S+177(Lmin=283)
  L=S+197(S≥400)
- IP grade: IPX4
- Option:
  Only push no pull
  Hall sensor
  Reed switch
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	7.5	1000	1000	750	22.5/12.0	≤4.1
	5	2000	2000	1500	15.0/9.8	≤4.8
	7.5	3000	3000	2000	10.8/6.8	≤4.8
	5	4000	4000	3000	7.5/4.4	≤4.8
	5	4000	4000	3000	9.2/5.3	≤6.6
	4	6000	4000	5000	2.9/2.0	≤3.5
	4	6000	4000	5000	5.6/3.3	≤4.8
	4	6000	4000	5000	7.3/4.0	≤6.6
29	7.5	1000	1000	750	27.0/14.5	≤4.1
	5	2000	2000	1500	18.0/11.8	≤4.8
	7.5	3000	3000	2000	13.0/8.2	≤4.8
	5	4000	4000	3000	9.0/5.3	≤4.8
	5	4000	4000	3000	11/6.4	≤6.6
	4	6000	4000	5000	3.5/2.4	≤3.5
	4	6000	4000	5000	6.8/4.0	≤4.8
	4	6000	4000	5000	8.7/4.8	≤6.6

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35B8

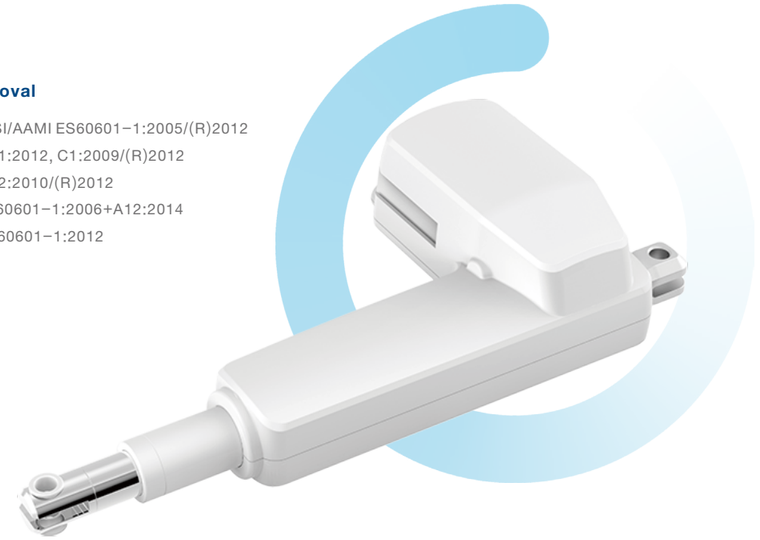
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed(mm/s): 14.4
- Installation dimensions:
  L=S+177(Lmin=283)
  L=S+197(S≥400)
- IP grade: Max.IPX6W
- Option:
  Only push no pull
  Hall sensor
  Reed switch
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	5000	7.3/4.0	≤6.1
	4	6000	4000	5000	5.7/3.3	≤4.3
	4	6000	4000	5000	3.0/2.0	≤3.0
	5	4000	4000	3000	9.0/5.3	≤6.1
	5	4000	4000	3000	7.5/4.4	≤4.3
	7.5	3000	3000	2000	10.8/6.8	≤4.3
	5	2000	2000	1500	15.0/9.8	≤4.3
	7.5	1000	1000	750	22.5/12.0	≤3.6
29	4	6000	4000	5000	8.7/4.8	≤6.6
	4	6000	4000	5000	6.8/4.0	≤4.8
	4	6000	4000	5000	3.5/2.4	≤3.5
	5	4000	4000	3000	11.0/6.4	≤6.6
	5	4000	4000	3000	9.0/5.3	≤4.8
	7.5	3000	3000	2000	13.0/8.2	≤4.8
	5	2000	2000	1500	18.0/11.8	≤4.8
	7.5	1000	1000	750	27.0/14.4	≤4.1

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35D

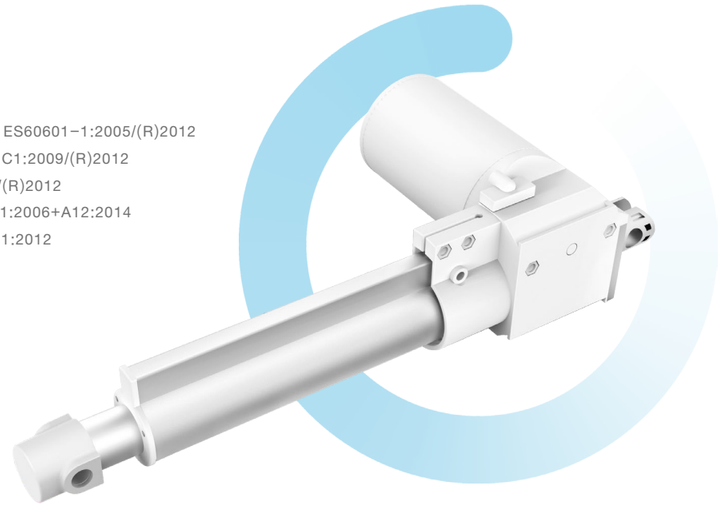
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. speed: 43.2
- Installation dimensions:
  L=225(S<50)
  L=S+175(50≤S<400)
  L=S+195(S≥400)
- IP grade: IP43
- Option:
  Only push no pull
  Hall sensor
  Reed switch

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012,C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	16	750	/	500	45.0/36.0	≤1.5
	12	1000	/	800	32.8/25.0	≤1.5
	7.5	1500	/	1500	20.4/16.0	≤1.5
	5	2000	/	3000	13.9/11.0	≤1.2
	7.5	3000	/	3000	8.6/6.5	≤0.7
	5	4000	/	4000	5.8/4.0	≤0.7
	4	6000	/	6000	4.6/3.4	≤0.7
	4	6000	/	6000	6.1/4.1	≤0.7
	5	6000	/	6000	6.0/4.6	≤0.7
29	16	750	/	500	54.0/43.2	≤1.5
	12	1000	/	800	39.3/30.0	≤1.5
	7.5	1500	/	1500	24.5/19.2	≤1.5
	5	2000	/	3000	16.7/13.2	≤1.2
	7.5	3000	/	3000	10.4/7.8	≤0.7
	5	4000	/	4000	7.0/4.8	≤0.7
	4	6000	/	6000	5.5/4.1	≤0.7
	4	6000	/	6000	7.3/4.9	≤0.7
	5	6000	/	6000	7.2/5.5	≤0.7

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JIECANG

JC35D4

LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed(mm/s): 7
- Installation dimensions:
  L=225(S≤50)
  L=S+175(50<S≤200)
  L=S+185(200<S≤300)
- IP grade:IP54
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012,C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	6000	5.0/3.0	≤5.2
	5	4000	4000	4000	6.0/4.7	≤4.0
	7.5	3000	3000	3000	10.0/6.0	≤4.0
29	4	6000	4000	6000	6.7/3.5	≤5.2
	5	4000	4000	4000	8.4/5.0	≤4.0
	7.5	3000	3000	3000	12.5/7.0	≤4.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35DN

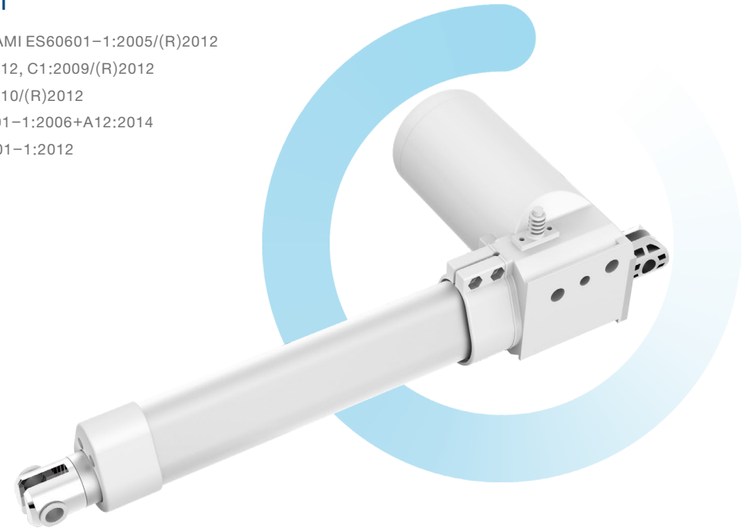
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed(mm/s): 36
- Installation dimensions:
  L=225(S≤50)
  L=S+175(50<S<400)
  L=S+195(400≤S<600)
- IP grade: Max. IP66
- Option:
  Only push no pull
  Hall sensor
  Reed switch

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	6000	5.5/3	≤4.5
	5	4000	4000	4000	6.8/4	≤4
	7.5	3000	3000	3000	10.2/6	≤4
	5	2000	2000	2000	13.6/9	≤4
	7.5	1500	1500	1500	20.5/13	≤4.5
	12	1000	1000	1000	33/22	≤4
	16	500	500	500	44/25	≤4
29	4	6000	4000	6000	6.7/3.8	≤4.5
	5	4000	4000	4000	8.2/5.2	≤4
	7.5	3000	3000	3000	12/7.5	≤4
	5	2000	2000	2000	16/11	≤4
	7.5	1500	1500	1500	25/16.5	≤4.5
	12	1000	1000	1000	40/26	≤4
	16	500	500	500	53/36	≤4

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L3

LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed(mm/s): 9.6
- Installation dimensions:
  L=225(L≤50)
  L=S+175(S≤200)
  L=S+185(200<S≤400)
- IP grade: Max. IPX6
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	6000	5.7/4.0	≤5.5
	5	4000	4000	4000	6.8/5.1	≤5.0
	7.5	3000	3000	3000	11.0/8.0	≤5.0
29	4	6000	4000	6000	7.2/5.0	≤5.0
	5	4000	4000	4000	8.1/6.5	≤4.5
	7.5	3000	3000	3000	13.2/9.6	≤4.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L6

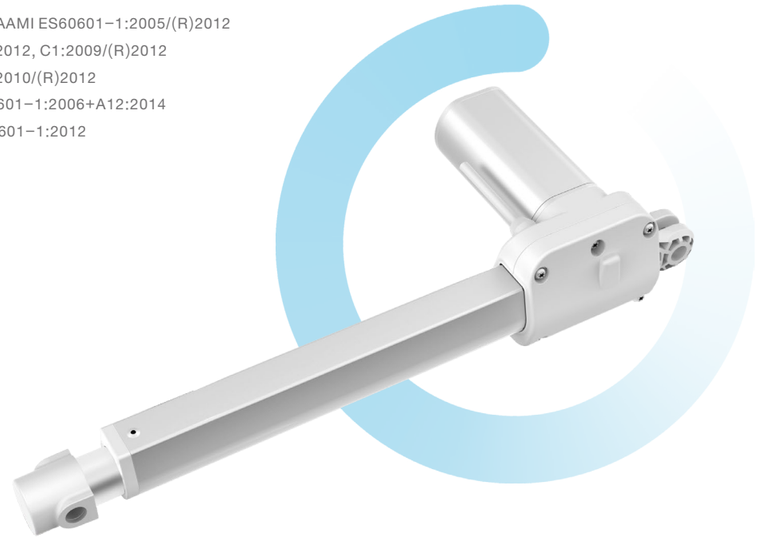
LINEAR ACTUATOR

Feature

- Max. load push(N): 3000
- Max. load pull(N): 2000
- Max. speed: 63
- Installation dimensions:
  Inner tube drilling with
  top clevis sleeve and
  top clevis bush
  L=S+130 (S≤200)
  L=S+140 (200<S≤300)
  L=S+150 (300<S≤400)
  L=S+160 (400<S≤500)
  L=S+170 (500<S≤600)
  With B type top clevis
  L=S+160 (S≤200)
  L=S+170 (200 < S≤300)
  L=S+180 (300 < S≤400)
  L=S+190 (400 < S≤500)
  L=S+200 (500 < S≤600)
- IP grade: IP54
- Option:
  Only push no pull
  Hall sensor

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Rotate speed (rpm)	Spindle pitch (mm)	Max. load in push (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	Standard	7.5	1000	1000	15.0/10.0	≤6.0
24	Standard	3	3000	3000	6.5/4.5	≤4.0
		5	2000	2000	11.0/8.0	≤4.0
		7.5	1000	1000	15.0/13.0	≤3.0
		20	50	50	43.0/42.0	≤2.0
	Fast (small motor)	7.5	1000	1000	20.0/15.0	≤3.0
		20	50	50	49.0/47.0	≤2.0
29	Standard	3	3000	3000	8.0/5.5	≤4.0
		5	2000	2000	13.5/9.0	≤4.0
		7.5	1000	1000	20.0/17.0	≤3.0
		20	50	50	57.0/56.0	≤2.0
	Fast (small motor)	7.5	1000	1000	24.0/18.0	≤3.0
		20	50	50	66.0/63.0	≤2.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L9

LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed at full load(mm/s): 6
- Installation dimensions:
  L=225(S≤50)
  L=S+175(50<S≤200)
  L=S+185(200<S≤300)
  L=S+195(300<S≤400)
  L=S+205(400<S≤500)
- IP grade: Max . IPX6
- Option:
  Only push no pull
  Hall sensor
  Reed switch
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	6000	6.0/3.6	≤6.0
	5	4000	/	4000	7.5/5.3	≤5.5
	5	6000	4000	6000	7.5/4.5	≤6.5
	4	6000	4000	6000	3.8/2.4	≤4.5
29	4	6000	4000	6000	7.3/4.3	≤6.0
	5	4000	/	4000	9.0/6.4	≤5.5
	5	6000	4000	6000	9.0/5.4	≤6.5
	4	6000	4000	6000	4.6/2.9	≤4.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L11

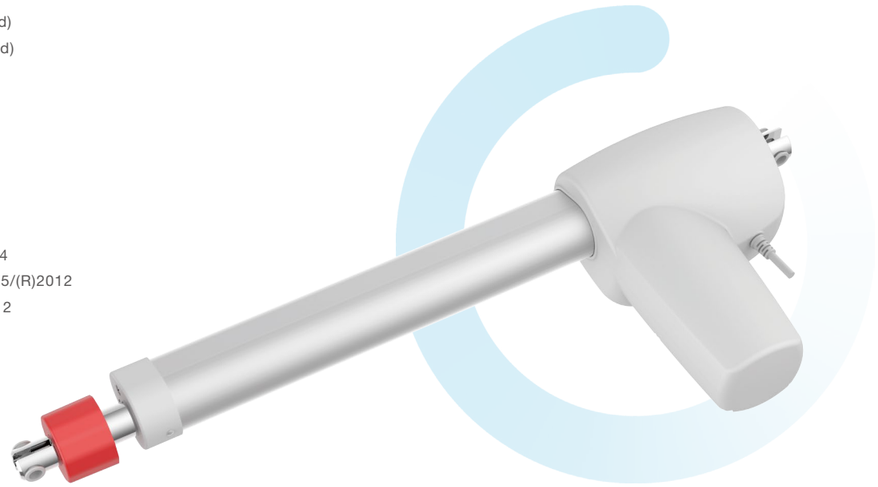
LINEAR ACTUATOR

Feature

- Max. load push(N): 12000
- Max. speed at full load(mm/s): 5
- Installation dimensions:
  L=S+265(50<S≤300)
  L=S+290(300<S≤400)
- IP grade: Max . IPX6
- Option:
  Only push no pull(Standard)
  Manual operation(Standard)
  Safety nut(Standard)

Approval

1.IEC60601-1:2012
2.EN 60601-1:2006+A12:2014
3.ANSI/AAMI ES60601-1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
With JCB35K3	8	12000	/	12000	8.0/5.0	≤9.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L12

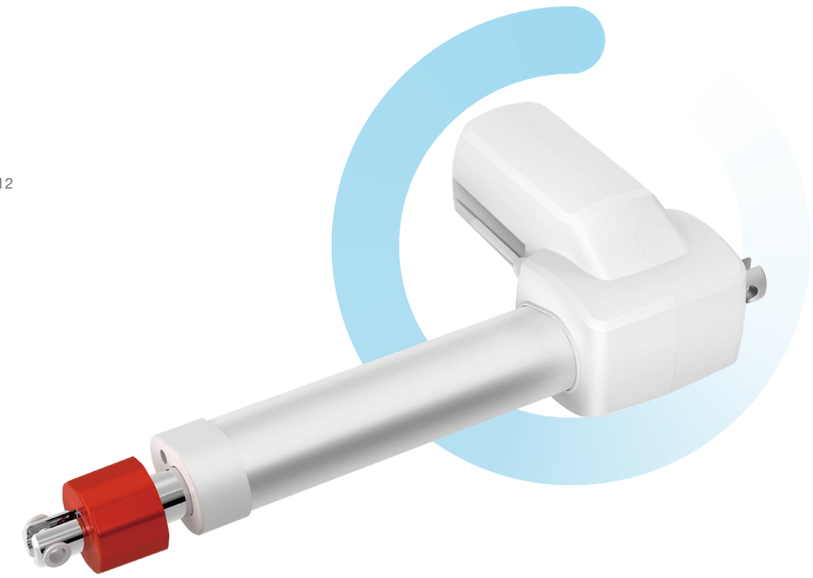
LINEAR ACTUATOR

Feature

- Max. load push(N): 8000
- Max. load pull(N): 8000
- Max. speed(mm/s): 7.5
- Installation dimensions:
  L=310 (S≤50)
  L=S+260 (50<S<300)
  L=S+290(300≤S≤400)
- IP grade: Max . IPX6
- Option:
  Only push no pull(Standard)
  Manual operation(Standard)
  Safety nut(Standard)

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	5	8000	6000	8000	8.2/6.0	≤9.0
	4	8000	6000	8000	6.5/4.8	≤9.0
29	5	8000	6000	8000	8.5/7.0	≤9.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L28

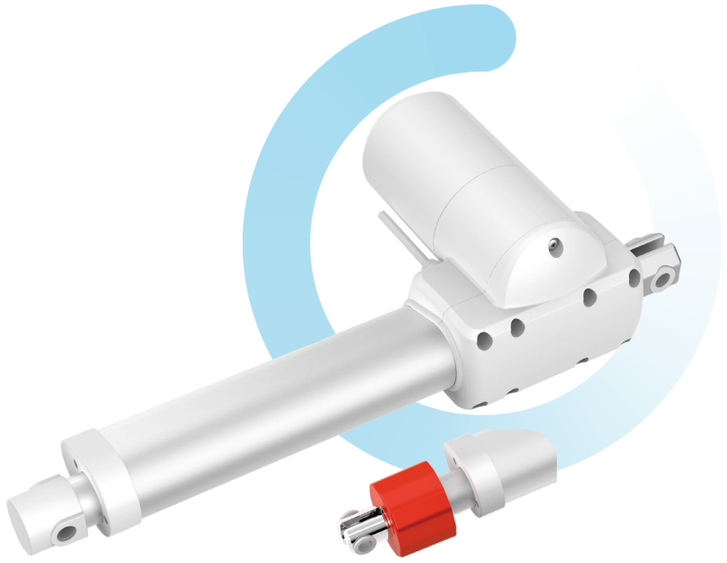
LINEAR ACTUATOR

Feature

- Max. load push(N): 10000
- Max. speed(mm/s): 7.3
- Installation dimensions:
  L=235(20≤S≤50, standard)
  L=S+185(50<S≤250, standard)
  L=S+260(50<S<300, manual operation)
  L=S+290(300≤S≤400, manual operation)
- IP grade: Max. IPX6
- Option:
  Only push no pull
  Hall sensor
  Manual operation
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	6	10000	/	10000	6.0/4.0	≤7.0
	6	8000	/	8000	8.0/5.5	≤6.0
29	6	10000	/	10000	7.5/5.5	≤7.5
	6	8000	/	8000	10.0/7.3	≤7.0

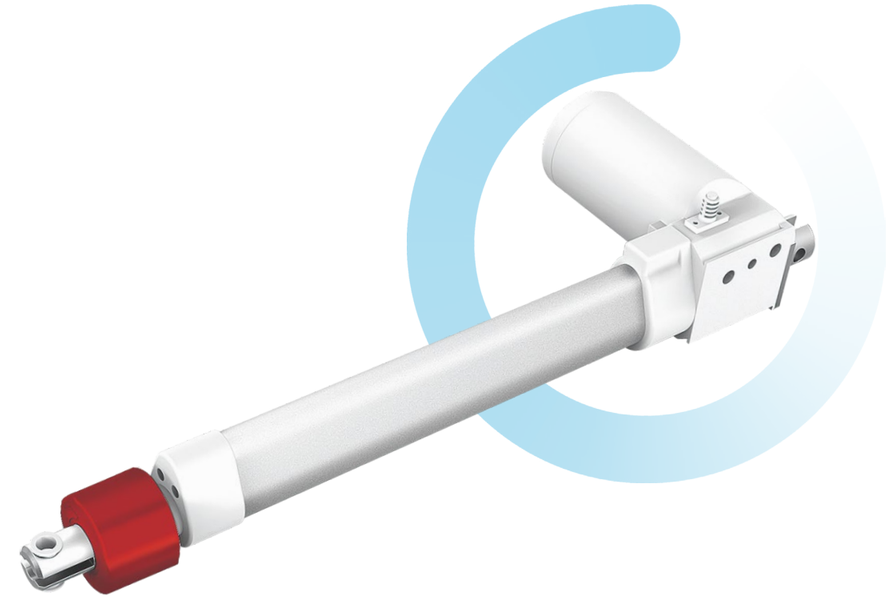
Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35K1

LINEAR ACTUATOR

Feature

- Max. load push(N): 8000
- Max. speed: 4
- Installation dimensions:
  L=S+260(S≤300)
- IP grade: IP54
- Option:
  Only push no pull
  Manual operation
  Safety nut



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	8000	/	8000	5.8/3.3	⩽7.0
29	3	8000	/	8000	7.0/4.0	⩽7.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L18/JC35L18F

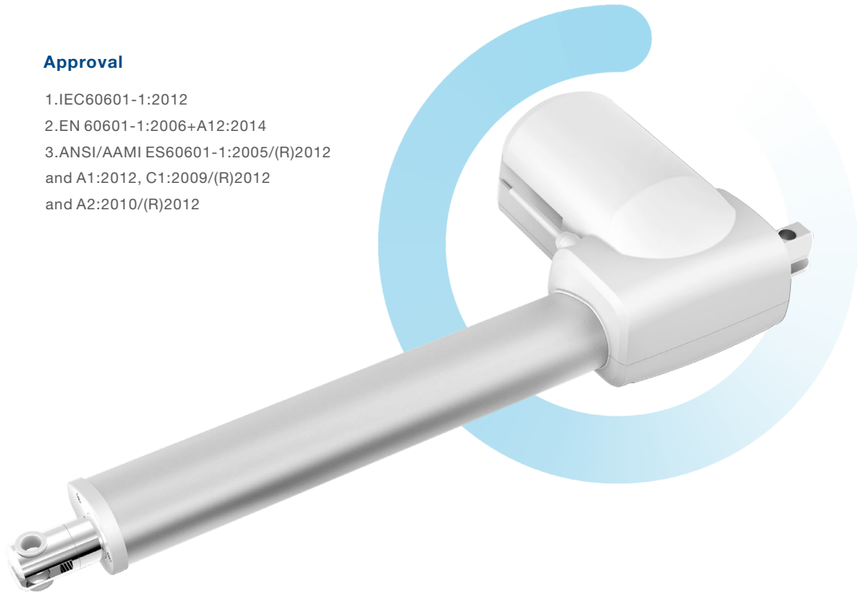
LINEAR ACTUATOR

Feature

- Max. load push(N): 8000
- Max. speed(mm/s): 18
- Installation dimensions:
  Standard:
  L=S+175(50≤S≤400)
  L=S+195(400<S≤500)
  Fast version:
  L=S+175(50<S≤800)
  L=S+185(200<S≤300)
- IP grade: Max . IPX6W
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.IEC60601-1:2012
2.EN 60601-1:2006+A12:2014
3.ANSI/AAMI ES60601-1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (mm)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	8000	/	8000	4.4/3.0	≤6.0
	4	6000	/	6000	6.0/5.0	≤5.0
	12	6000	/	6000	21.0/12.0	≤11.5
	12	5000	/	5000	21.0/13.0	≤10.0
	7.5	4000	/	4000	21.0/14.0	≤9.0
	12	3000	/	3000	21.0/15.0	≤6.0
29	3	8000	/	8000	5.3/4.0	≤6.0
	4	6000	/	6000	7.2/5.5	≤5.0
	12	6000	/	6000	25.0/14.4	≤11.5
	12	5000	/	5000	25.0/15.6	≤10.0
	7.5	4000	/	4000	25.0/16.8	≤9.0
	12	3000	/	3000	25.0/18.0	≤6.0
36	3	8000	/	8000	6.5/5.0	≤6.0
	4	6000	/	6000	9.0/7.0	≤5.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L22

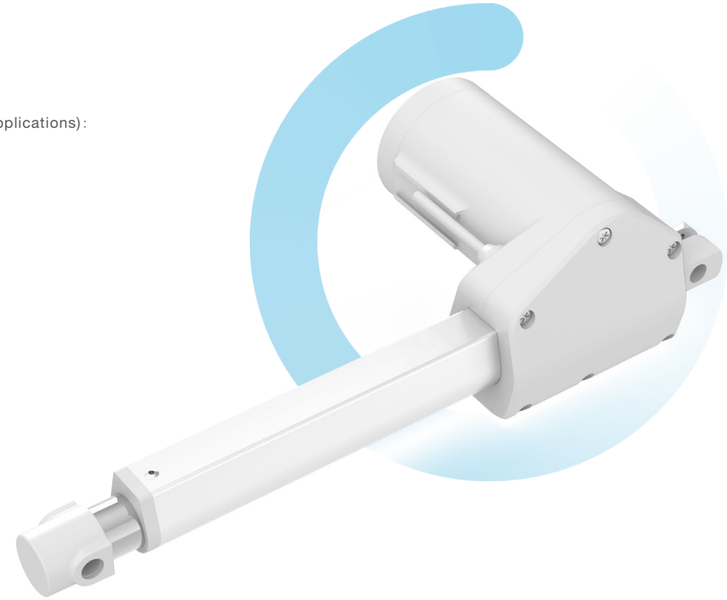
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
- Max. speed(mm/s): 8.5
- Installation dimensions:
  Standard:
  6000N:
  L=225 (25≤S<50)
  L=S+175 (50≤S<200)
  4000N:
  L=225 (25≤S<50)
  L=S+175 (50≤S≤250)
  2500N(Long stroke, only used in heli-helical applications):
  L=225 (25≤S<50)
  L=S+175 (50≤S≤200)
  L=S+185(200≤S≤415)
  Hand crank:
  L=225 (25≤S<50)
  L=S+175 (50≤S<200)
  4000N:
  L=225 (25≤S<50)
  L=S+175 (50≤S≤250)
- IP grade: Max. IP66(Hand crank: IP20)
- Option:
  Only push no pull
  Double hall sensor
  Hand crank function

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
29	3	6000	4000	6000	4.3/2.6	≤4.2
	2.5	6000	4000	6000	7.7/3.8	≤5.5
	2.5	4000	4000	4000	10.0/7.0	≤5.0
	4	4000	4000	4000	6.0/4.0	≤5.0
	2.5	2500	2500	2500	15.5/8.5	≤5.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L29

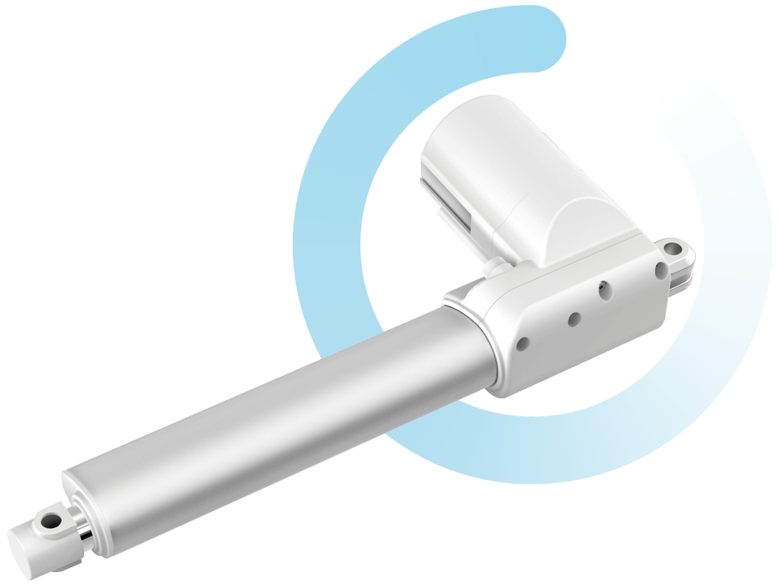
LINEAR ACTUATOR

Feature

- Max. load push(N): 8000
- Dynamic load pull(N): 4000
- Max. speed(mm/s): 3.5
- Installation dimensions:
  L=S+175(50<S≤200)
  L=S+185(200<S≤250)
- IP grade: Max. IPX6
- Option:
  Hall sensor
  Reed switch
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	8000	/	8000	4.0/3.0	≤6.0
29					5.0/3.5	≤6.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L30

LINEAR ACTUATOR

Feature

- Max. load push(N): 6000N
- Max. load pull(N): 4000N
- Max. speed(mm/s): 6.5
- Installation dimensions:
  L=S+175(50<S≤200)
  L=S+185(200<S≤400)
- IP grade: Max. IPX6
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	4000	6000	5.7/4.0	≤5.0
	5	4000	4000	4000	7.2/5.4	≤4.0
29	4	6000	4000	6000	6.8/4.8	≤5.0
	5	4000	4000	4000	8.6/6.5	≤4.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L16

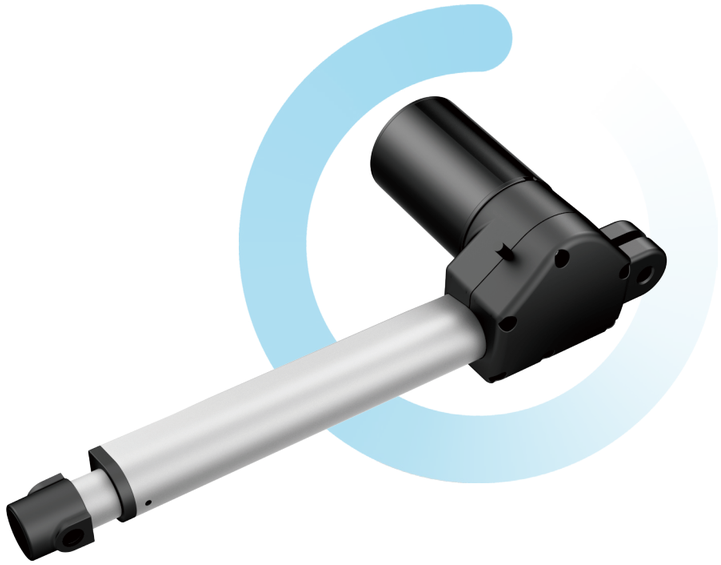
LINEAR ACTUATOR

Feature

- Max. load push(N): 6000
- Max. load pull(N): 4000
  Max. speed: 3.3
- Installation dimensions:
  L≥S+150(50≤S≤200)
  L≥S+160(200<S≤300)
- IP grade: IP20
- Option:
  Only push no pull(Standard)
  Hall sensor

Approval

1.IEC60335−1:2012
2.EN60335−1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019
3.UL962



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	6000	4000	6000	3.7/2.7	≤3.5
29	3	6000	4000	6000	4.5/3.3	≤3.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35L31

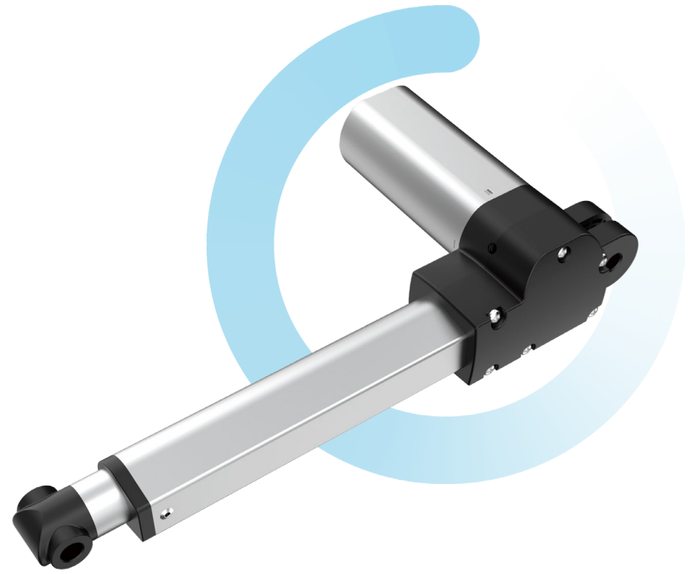
LINEAR ACTUATOR

Feature

- Max. load push(N): 4500
- Max. speed(mm/s): 8
- Installation dimensions:
  4500N: L=S+135(50<S≤200)
  2500N: L=S+135(50<S≤415)
- IP grade: IP20
- Option:
  Only push no pull
  Hall sensor

Approval

1.ANSI/UL962-2020



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	4500	2000	4500	6.4/4.0	≤5.0
	4	2500	2000	2500	8.3/6.6	≤3.5
29	3	4500	2000	4500	7.7/5.0	≤5.0
	4	2500	2000	2500	10.0/8.0	≤3.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35J1

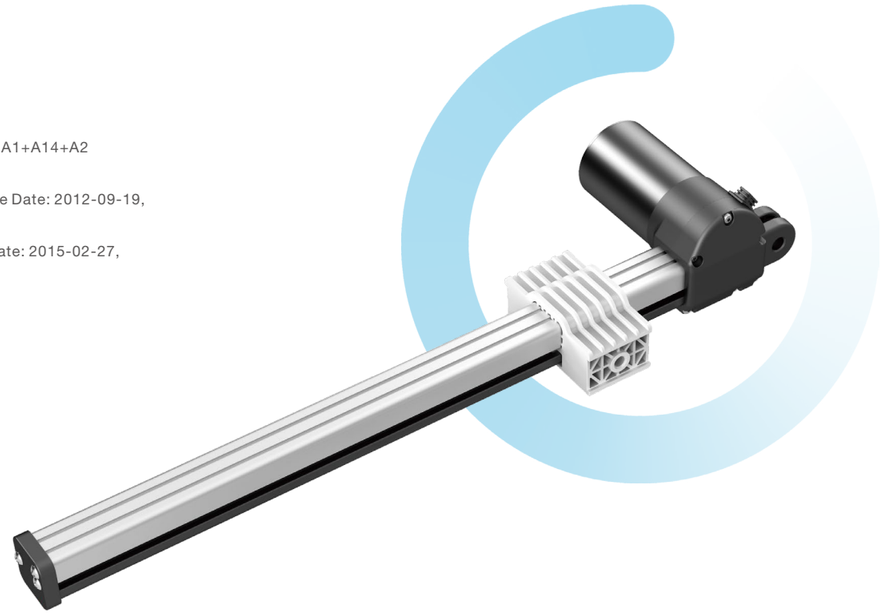
LINEAR ACTUATOR

Feature

- Max load push(N): 2000
- Max load pull(N): 1500
- Max speed at full load(mm/s): 14.5
- Installation dimensions:
  115≤L≤300(50≤S≤500)
- IP grade:/
- Option:
  Hall sensor

Approval

1.CE:
EN60335-1:2012+A11+A13+A1+A14+A2
EN62233:2008
2.UL:UL1004-1,2nd Ed.,Issue Date: 2012-09-19,
Revision Date:2020-11-05,
3.UL1004-3,2nd Ed.,Issue Date: 2015-02-27,
Revision Date:2018-01-31



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max load in push (N)	Max load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	5	2000	1500	1500	16.7/12.0	≤4.5
29	5	2000	1500	1500	20.0/14.5	≤4.5

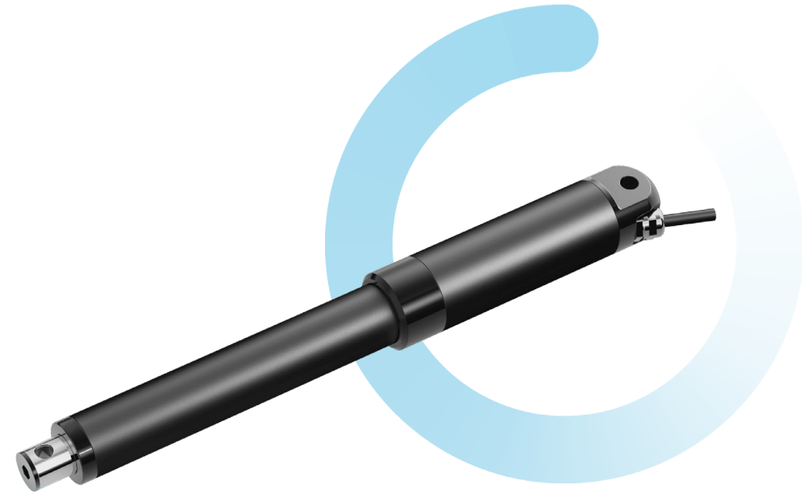
Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35N6

LINEAR ACTUATOR

Feature

- Max. load push(N): 1200
- Max. load pull(N): 1200
- Max. speed(mm/s): 7.4
- Installation dimensions:
  L=S+155(S≤300,Without hall)
  L=S+170(S≤300,Hall sensor)
- IP grade: Max. IPX6
- Option:
  Hall sensor



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max load in push (N)	Max load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	3	600	600	600	10.5/7.4	≤1.5
24	3	1200	1200	1200	7.0/4.5	≤1.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35N8

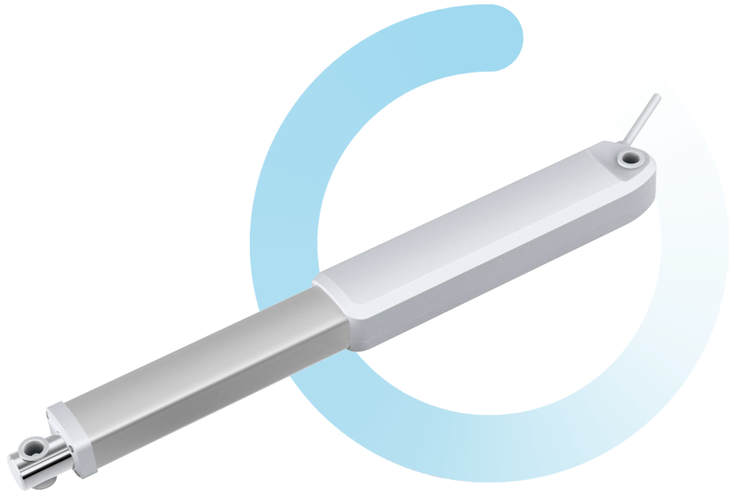
LINEAR ACTUATOR

Feature

- Max. load push(N): 2500
- Dynamic load pull(N): 900
- Max. speed(mm/s): 9.6
  Installation dimensions:
  L=S+170(50≤S≤200,standard)
  L=S+190(200<S≤300,standard,50≤S≤200,Only push no pull)
  L=S+210(200<S≤300,Only push no pull)
- IP grade: Max. IPX6
- Option:
  Only push no pull
  Hall sensor
  Safety nut

Approval

1.CE



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
24	2.5	2500	900	1500	3.8/2.8	≤1.8
	3	2000	900	1500	4.6/3.4	≤1.8
	3	1500	900	1500	4.6/3.6	≤1.8
	5	800	800	800	7.3/6.3	≤1.8
	6	500	500	500	8.8/8.0	≤1.8
29	2.5	2500	900	1500	4.6/3.4	≤1.8
	3	2000	900	1500	5.5/4.1	≤1.8
	3	1500	900	1500	5.5/4.3	≤1.8
	5	800	800	800	8.8/7.6	≤1.8
	6	500	500	500	10.5/9.6	≤1.8

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35W1

LINEAR ACTUATOR

Feature

- Max. load push(N): 1000
- Max. load pull(N): 1000
- Max. speed(mm/s): 20
- Installation dimensions:
  L=160(15≤S<50)
  L=S+110(50≤S<400)
- IP grade: IPX4

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	2	1000	1000	1000	3.0/2.0	≤3.0
	3	750	750	750	5.0/3.0	≤3.0
	5	500	500	500	8.0/6.0	≤3.0
	10	250	250	250	16.0/10.0	≤3.0
	20	125	125	125	30.0/20.0	≤3.0
24	2	1000	1000	1000	3.3/2.0	≤1.5
	3	750	750	750	4.6/3.0	≤1.5
	5	500	500	500	7.5/6.0	≤1.5
	10	250	250	250	16.7/10.0	≤1.5
	4	125	125	125	25.0/20.0	≤1.5
	2	1000	1000	1000	1.7/1.0	≤0.8
	10	250	250	250	8.3/6.0	≤0.8
29	2	1000	1000	1000	4.0/2.4	≤1.5
	3	750	750	750	5.5/3.6	≤1.5
	5	500	500	500	9.0/7.2	≤1.5
	10	250	250	250	20.0/12.0	≤1.5
	4	125	125	125	30.0/24.0	≤1.5
	2	1000	1000	1000	1.7/1.2	≤0.8
	10	250	250	250	10.0/7.2	≤0.8

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35W2

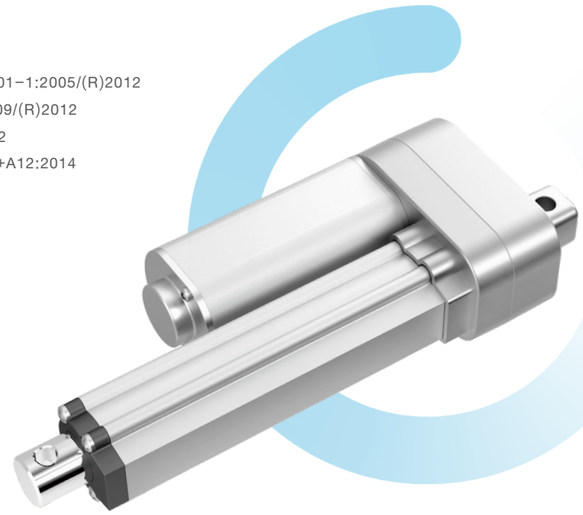
LINEAR ACTUATOR

Feature

- Max. load push(N): 3000
- Max. load pull(N): 3000
- Max. speed(mm/s):16
- Installation dimensions:
  L=170(S≤50)
  L=S+120(50≤S<400)
- IP grade: IPX4
- Option:
  Hall sensor

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014
3.IEC60601−1:2012



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	4	1000	1000	1000	8.0/5.5	≤6.0
	7.5	1000	1000	1000	13.0/8.5	≤6.0
	10	1000	1000	600	20.0/13.0	≤6.0
24	4	3000	3000	3000	7.5/5.0	≤5.0
	7.5	2000	2000	1500	14.0/9.0	≤5.0
	10	1000	1000	600	18.0/13.5	≤5.0
	4	3000	3000	3000	4.0/2.0	≤3.0
	7.5	2000	2000	1500	8.0/3.5	≤3.0
	10	1000	1000	600	8.0/5.7	≤3.0
	20	1000	1000	500	16.5/10.0	≤3.0
29	4	3000	3000	3000	9.0/6.0	≤5.0
	7.5	2000	2000	1500	17.0/11.0	≤5.0
	10	1000	1000	600	22.0/16.0	≤5.0
	4	3000	3000	3000	5.0/2.5	≤3.0
	7.5	2000	2000	1500	10.0/4.0	≤3.0
	10	1000	1000	600	10.0/7.0	≤3.0
	20	1000	1000	500	20.0/12.0	≤3.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35W2-2

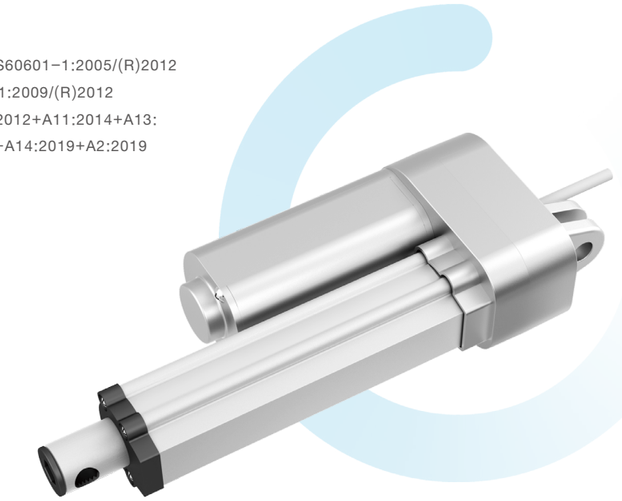
LINEAR ACTUATOR

Feature

- Max. load push(N): 3000
- Max. load pull(N): 2000
- Max. speed(mm/s):16
- Installation dimensions:
  L=170(20≤S<50)
  L=S+120(50≤S<400)
- IP grade: Max. IPX6
- Option:
  Hall sensor

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
2.EN 60335−1:2012+A11:2014+A13:
2017+A1:2019+A14:2019+A2:2019



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	4	1000	/	1000	8.0/5.5	≤6.0
	7.5	1000	/	1000	13.0/8.5	≤6.0
	10	1000	/	600	20.0/13.5	≤6.0
24	4	3000	2000	3000	8.0/5.0	≤5.0
	7.5	2000	1000	1500	14.0/9.0	≤5.0
	10	1000	/	600	20.0/13.5	≤5.0
29	4	3000	2000	3000	9.0/7.5	≤5.0
	7.5	2000	1000	1500	17.0/10.8	≤5.0
	10	1000	/	600	22.0/16.0	≤5.0
48	4	3000	2000	3000	8.5/6.0	≤5.0
	7.5	2000	1000	1500	15.0/10.0	≤5.0
	10	1000	/	600	21.0/14.0	≤5.0

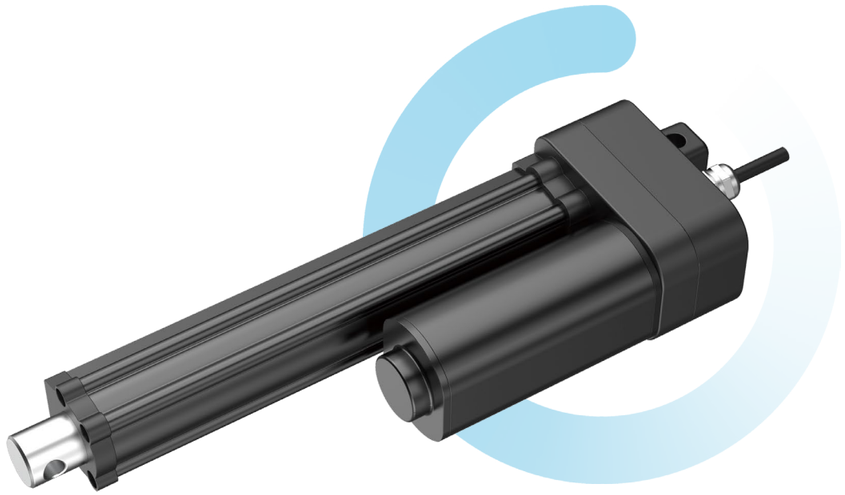
Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35W5

LINEAR ACTUATOR

Feature

- Max. load push(N): 3000
- Max. load pull(N): 3000
- Max. speed(mm/s): 11
- Installation dimensions:
  L=170(S≤50)
  L=S+120（50≤S≤400）
- IP grade: Max. IP67
- Option:
  Hall sensor



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max load in push (N)	Max load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	4	2000	2000	2000	7.0/4.5	≤6.0
24	4	3000	3000	3000	7.4/4.8	≤5.0
	7.5	2000	2000	2000	13.2/8.3	≤5.0
	10	1000	1000	1000	18.2/11.0	≤4.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35W8

LINEAR ACTUATOR

Feature

- Max. load push(N): 1000
- Max. load pull(N): 1000
- Max. speed(mm/s): 71
- Installation dimensions:
  Common and with dual hall sensor
  L=S+105(25≤S≤610)
  L=S+120(610<S≤765)
  L=S+140(765<S≤1020)
  With potentiometer
  L=S+140(25≤S≤610)
  L=S+155(610＜S≤765)
  L=S+175(765＜S≤1020)
- IP grade: Max. IPX6
- Option:
  Hall sensor
  With potentiometer

Approval

1.EN 60335−1:2012+A11:2014+A13:2017+A1
: 2019+A14:2019+A2:2019
2.ANSI/AAMI ES60601−1: A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Max. load in pull (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
12	2	1000	1000	1000	7.0/5.0	≤3.5
	3	750	750	750	10.0/7.5	≤3.5
	5	500	500	500	24.0/17.0	≤3.5
	7.5	250	250	250	35.0/26.0	≤3.5
	10	125	125	125	50.0/34.5	≤3.5
	20	70	70	70	90.0/67.5	≤3.5
24	2	1000	1000	1000	7.0/5.2	≤2.0
	3	750	750	750	10.0/8.0	≤2.0
	5	500	500	500	24.0/18.0	≤2.0
	7.5	250	250	250	35.0/27.0	≤2.0
	10	125	125	125	50.0/36.0	≤2.0
	20	70	70	70	90.0/71.0	≤2.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35S11

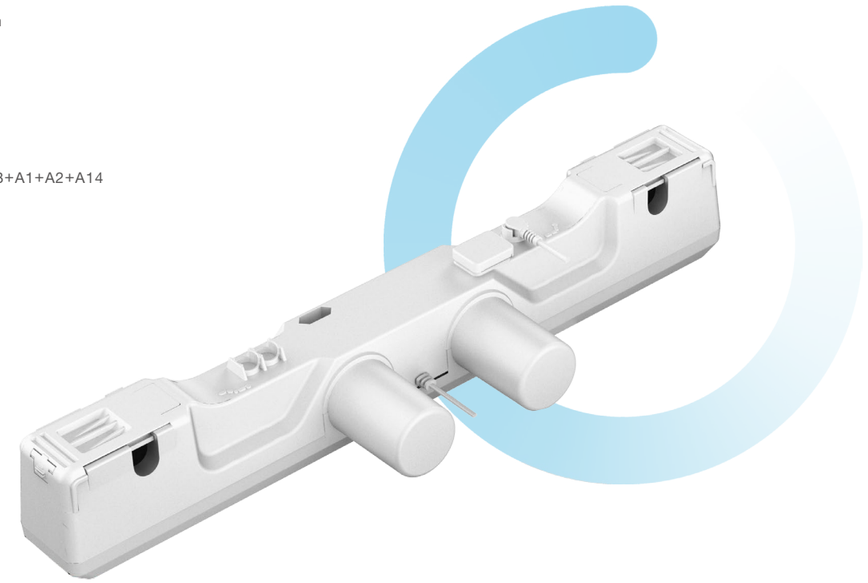
DUAL MOTOR

Feature

- Max. load push(N): 2*4500
- Max. speed(mm/s): 3.5
- Voltage: 100VAC~240VAC(Input)
  29VDC(Output)
- Installation dimensions:
  L=581mm
- Stroke length:
  Backrest stroke: Max.87mm
  Legrest stroke: Max.69mm
- IP grade: /

Approval

1.EN60335-1：2021+A11+A13+A1+A2+A14
2.EN62233：2008
3.ENISO.12100：2010



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Mechanical self-lock (N)	Speed at no load /full load (mm/s)	Current at full load (A)
29	3	2*4500	2*4500	5.0/3.5	⩽3.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

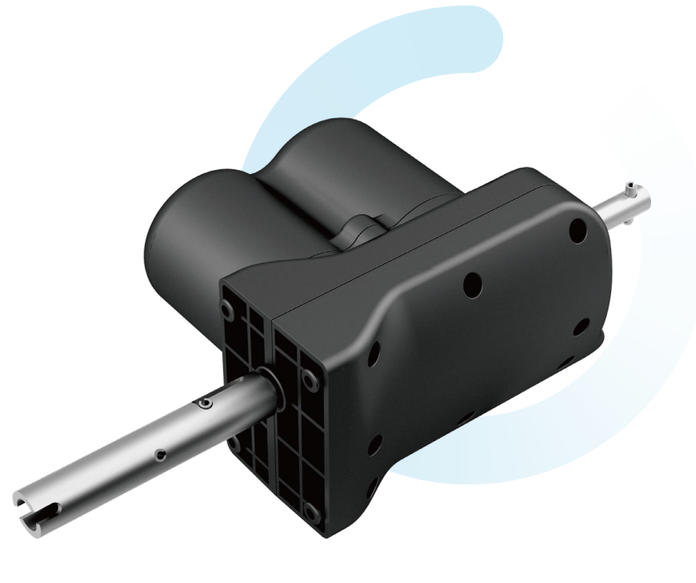
JIECANG

JC35S12

SPIN MOTOR

Feature

- Max. torque(N.M): 10
- Max. speed(R/Rpm): 95
- IP grade:IPX4



Technical specifications

Voltage (VDC)	Max. torque (N.M)	Speed at no load/full load (mm/s) (R/Rpm)	Current at full load (A)
29	10	5.0/3.5	7.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EA-3C

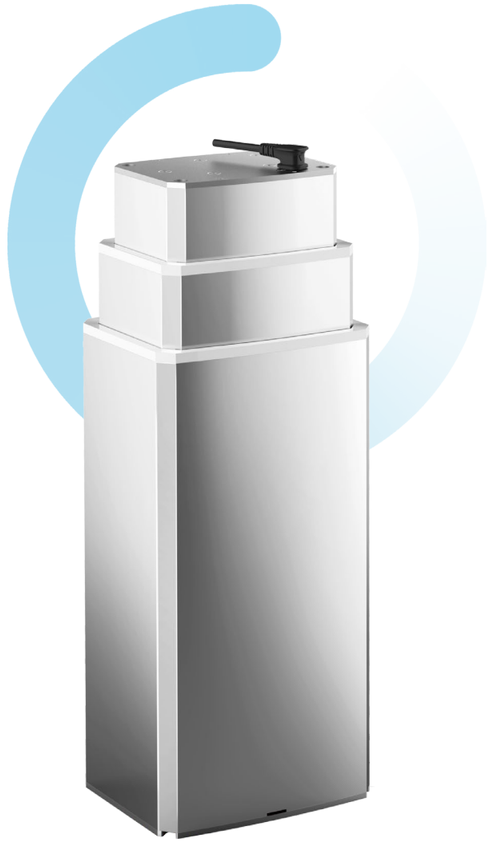
LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 2000
- Max. static bending moment(Nm): 500
- Max. dynamic bending moment(Nm): 250
- Max. speed(mm/s): 16
  Installation dimensions: L=S/2+150
- IP grade: Max. IPX6
- Option:
  With hall sensor(Apply for synchronize or memory function)

Approval

1.CE,CB,UL



Technical specifications

Voltage (VDC)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
29	2000	2000	500	250	19.0/16.0	5.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EG

LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 2000
- Max. static bending moment(Nm): 400
- Max. dynamic bending moment(Nm): 200
- Max. speed: 10
  Installation dimensions: L=S/2+200
- IP grade: IPX4
- Option:
- With hall sensor(Apply for synchronize or memory function)
  With aluminium holder for mounting

Approval

1.EN 60601−1:2006+A12:2014
2.IEC60601−1:2012

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
29	6	2000	2000	400	200	15.0/10.0	6.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EM2

LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 6000
- Max. static bending moment(Nm): 1000
- Max. dynamic bending moment(Nm): 500
- Max. speed(mm/s): 25
- Installation dimensions:
  L=S+200(S<400)
  L=S+220(S≥400)
- IP grade: IPX4
- Option:
  With hall sensor(Apply for synchronize or memory function)

Approval

1.EN 60601-1:2006+A12:2014

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	6000	900	500	5.0/3.0	6.0
	5	4000	4000	900	500	6.0/4.0	5.0
	7.5	3000	3000	900	500	9.0/6.0	6.0
	5	2000	2000	900	500	13.0/9.0	6.0
	16	1500	1500	500	250	20.0/13.0	6.0
	20	1000	1000	500	250	25.0/20.0	5.0
	16	750	750	500	250	42.0/25.0	4.5

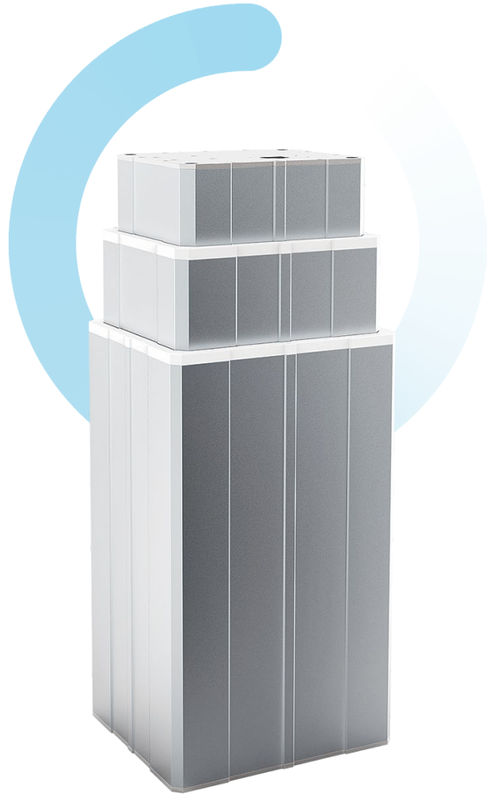
Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EM3

LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 2000
- Max. static bending moment(Nm): 900
- Max. dynamic bending moment(Nm): 500
- Max. speed(mm/s): 10
- Installation dimensions:
  L=S/2+150(S≤400)
  L=S/2+200(S＞400)
- IP grade: IPX4
- Option:
  With hall sensor(Apply for synchronize or memory function)



Approval

1.EN 60601-1:2006+A12:2014

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
24	6	2000	2000	900	500	12.0/10.0	5.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EN2

LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 6000
- Max. static bending moment(Nm): 900
- Max. dynamic bending moment(Nm): 500
- Max. speed(mm/s): 25
- Installation dimensions:
  L=S+200(S<400)
  L=S+220(S≥400)
- IP grade: IPX4
- Option:
  With hall sensor(Apply for synchronize or memory function)

Approval

1.EN 60601-1:2006+A12:2014

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
24	4	6000	6000	900	500	5.0/3.0	6.0
	5	4000	4000	900	500	6.0/4.0	5.0
	7.5	3000	3000	900	500	9.0/6.0	6.0
	5	2000	2000	900	500	13.0/9.0	6.0
	16	1500	1500	500	250	20.0/13.0	6.0
	20	1000	1000	500	250	25.0/20.0	5.0
	16	750	750	500	250	42.0/25.0	4.5

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35EN3

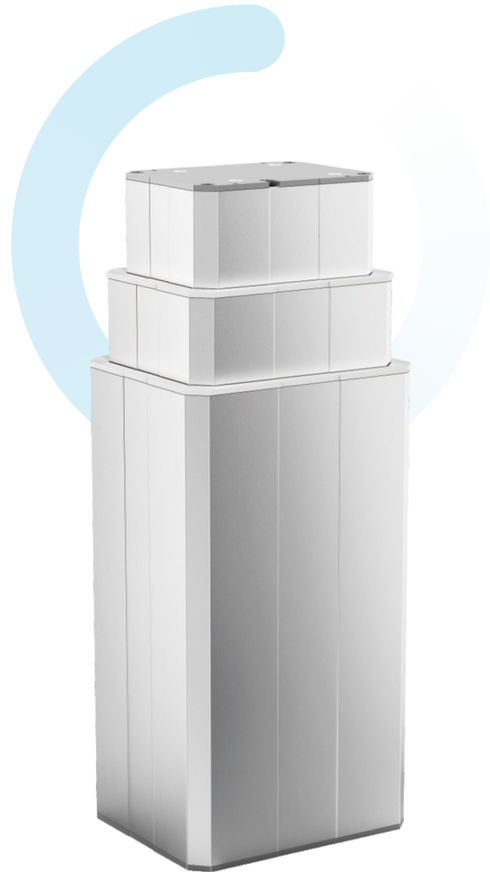
LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 2000
- Max. static bending moment(Nm): 1000
- Max. dynamic bending moment(Nm): 500
- Max. speed(mm/s): 12
- Installation dimensions:
  L=S/2+150mm(S≤400)
  L=S/2+200(S＞400)
- IP grade: IPX4
- Option:
  With hall sensor(Apply for synchronize or memory function)

Approval

1.EN 60601-1:2006+A12:2014



Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Max. bending moment (Static)(NM)	Max. bending moment (Dynamic)(NM)	Speed at no load /full load (mm/s)	Current at full load (A)
24	6+6	2000	2000	1000	500	12.0/10.0	≤7.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

JC35ESN-2

LIFTING COLUMN

Feature

- Max. load in push &self-locking(N): 1000
- Max. speed(mm/s): 11.0
- Installation dimensions:
  L=S+145 (100<S≤450)
- IP grade: IP43
- Option:
  With hall sensor(Apply for synchronize or memory function)

Approval

1.ANSI/AAMI ES60601−1:2005/(R)2012
and A1:2012, C1:2009/(R)2012
and A2:2010/(R)2012
2.EN 60601−1:2006+A12:2014

Technical specifications

Voltage (VDC)	Spindle pitch (mm)	Max. load in push (N)	Self-lock (N)	Stroke (mm)	Speed at no load /full load (mm/s)	Current at full load (A)
24	7.5	1000	1000	100-450	14.0/11.0	≤4.0

Remarks: It can achieve better self-locking ability with Jiecang control box;
The above data is the standard value of the test data (inspection specification) at room temperature of 25℃.

CONTROLLER

JCB35K2-A

- Outputs for actuator:1-2
- Output voltage(VDC):25.9
- Rated capacity(AH):2.2/4.4
- Type of battery: Li-ion
- With LCD display
- IP grade:IPX4

JCB35K2-B

- Outputs for actuator:1-2
- Output voltage(VDC):25.9
- Rated capacity(AH):2.2/4.4
- Type of battery:Li-ion
- IP grade:IPX4

JCB35K3

- Outputs for actuator:1-3
- Output voltage(VDC):25.9
- Rated capacity(AH):3.2/5.2
- Type of battery: Li-ion
- With 2.0 inches TFT color screen
- IP grade: Max. IPX6

JCB35K5

- Outputs for actuator: 1-3
- Output voltage(VDC): 24
- Rated capacity(AH): 4.5
- Type of battery: Lead-Acid
- With wire-wrap hook
- IP grade: Max. IPX6

JCB35Q

- Outputs for actuator:1-4
- Max output voltage(VDC):29
- Power supply:SMPS
- IP grade: Max. IPX6

JCB35Q3

- Outputs for actuator:1-3
- IP grade:IPX4

JCB35T

- Outputs for actuator:1-4
- Max output voltage(VDC):29
- Power supply:SMPS
- Connect separated battery
- IP grade: Max. IPX6

JCB35T2

- Outputs for actuator:1-4
- Max output voltage(VDC):36
- Power supply:SMPS
- Connect separated battery
- IP grade: Max. IPX6

JCB35T3

- Outputs for actuator:1-4
- Max output voltage(VDC):36
- Built-in dry battery:emergency drop function
- Connected to adaptor
- IP grade: Max. IPX6

CONTROLLER

JCB35T6

- Outputs for actuator:1-5
- Power supply:SMPS
- IP grade: Max. IPX6

JCB35R

- Outputs for actuator:1-6
- Max output voltage(VDC):29
- Power supply:SMPS
- Connect separated battery
- IP grade: Max. IPX6

JCB35R1

- Outputs for actuator:1-6
- Connected to adaptor
- IP grade: Max. IPX6

OPERATOR

JCHN35H1

- Intuitive control up to 2 physical buttons
- 10.1 inches IPS capacitive screen
- Display related data and bed status
- IP grade:IP20

JCHN35H2

- Intuitive control up to 2 physical buttons
- With electronic lock
- 7 inches IPS capacitive screen
- Display related data and bed status
- IP grade: Max. IPX6

JCHN35H3

- Embedded nurse control
- 7 inch touch capacitive screen
- Display related data and bed status
- IP grade:IPX4

JIECANG

OPERATOR

JCHN35E1

- Intuitive control up to 26 buttons
- IP grade: Max. IPX6

JCHN35H

- Intuitive control up to 30 buttons
- With 3.5 inches TFT color screen
- Date display
- IP grade: Max. IPX6

JCH35A6

- Max available buttons:12
- With touch sensitive function
- Electronic lock function optional
- Background light
- IP grade: Max. IPX6

JCH35A7

- Max available buttons:14
- Background light
- IP grade: Max. IPX6

JCH35A9

- Max available buttons:10
- With 2.0 inches TFT color screen
- With electronic lock
- IP grade: Max. IPX6

JCH35A10

- Max available buttons:6
- Connect with JCB35K3
- IP grade: Max. IPX6

JCH35A11

- Max available buttons:6
- Magnetic fixing method
- Connect with JCB35K3
- IP grade: Max. IPX6

JCH35A12

- Max available buttons:10
- With 2.0 inches TFT color screen
- Cable replaceable
- IP grade: Max. IPX6

JCH35A15

- Max available buttons:10
- Background light
- With mechanical lock
- IP grade: Max. IPX6

OPERATOR

JCH35A16

- Max available buttons:10
- Background light
- IP grade: Max. IPX6

JCH35A18

- Max available buttons:10
- With mechanical lock
- IP grade: Max. IPX6

JCH35A19

- Max available buttons:8
- IP grade: Max. IPX6

JCH35A20

- Max available buttons:9
- Without mechanical lock
- IP grade: Max. IPX6

JCH35A21

- Max available buttons:14
- voice function
- IP grade: Max. IPX6

JCH35A22

- Weighing operator
- Max available buttons:8
- IP grade: Max. IPX6

JCH35V2

- Max available buttons:8
- IP grade:IPX4

JCH35V3

- Max available buttons:4
- IP grade:IPX4

JCH35V5

- Max available buttons:6
- IP grade:/

OPERATOR

JCHR35F

- Max available buttons:6
- 2.4G Wireless
- IP grade:IP20

JCHR35G

- Max available buttons:10
- Bluetooth
- IP grade: Max. IPX6

JCHQ35

- Max available buttons:6
- IP grade:IP20

JCH35A8

- Max available buttons:29
- IP grade:IPX6

JCFS35

- Max number of splicing:2
- IP grade: Max. PX6

JCF35V

- Max number of splicing:3
- Wired/2.4G Wireless
- IP grade: Max. IPX6

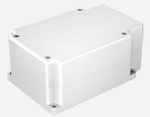
JCF35V1

- Max number of splicing:5
- IP grade: Max. IPX6

JCFN35

- Max number of splicing:3
- IP grade: Max. IPX6

ACCESSORIES



JCP35PA-B-1

- Battery box
- Rated capacity(AH):1.3
- Type of battery:Lead-Acid
- IP grade:IPX4

JCP35PA-B1

- Battery box
- Rated capacity(AH):1.3/2.8
- Type of battery: Lead-Acid
- IP grade: Max. IPX6

JCP35PA-B2

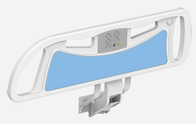
- Battery box
- Rated capacity(AH):2.6
- Type of battery: Li-ion
- IP grade: Max. IPX6

JCP35E1-LED

- Night light mounted under the bed
- IP grade: Max. IPX6

JCP35J01

- With electrical controller
- With 3.5 inches TFT color screen



JCP35H02

- With electrical controller

JCP35H03

- With electrical controller

JCP35H05

- With electrical controller

JCP35H09
JCP35J02

- With electrical controller
- IP grade:IPX4

ACCESSORIES

JCP35Q

- Safety switch
- Emergency stop button
- Cut off DC power
- IP grade: Max. IPX6

JCP35C

- Connection box
  Number of the hand/foot controls:1-5
- IP grade: Max. IPX6

JCP35Q1

- Safety switch
- Ring-pulling emergency stop switch
- Cut off AC power
- IP grade: Max. IPX6

JCP35C3

- Connection box
- Can-bus
- IP grade: Max. IPX6W

JCP35C5

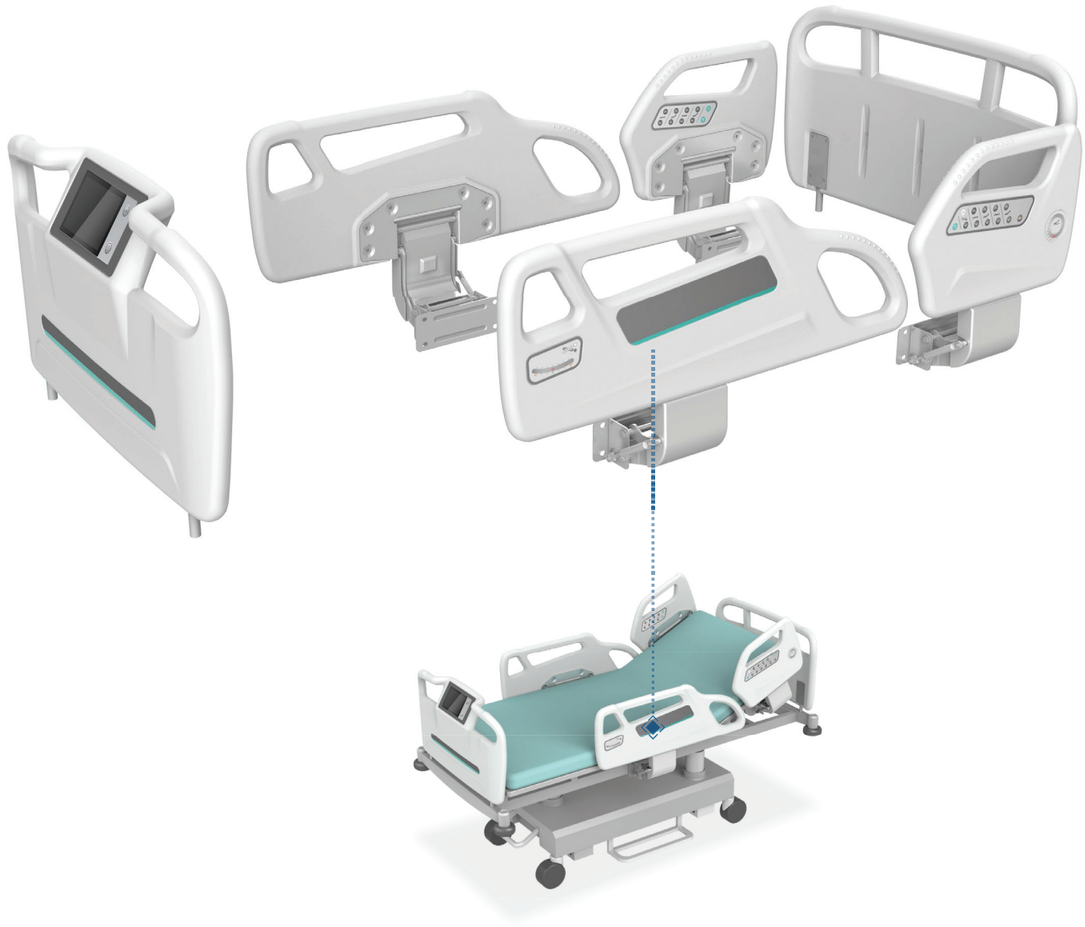
- Connection box
- Can-bus
- IP grade: Max. IPX6W

JCP35PA-Q1

- Medical power adapter
- Output voltage(VDC):29
- Standby power consumption(W): ＜0.15
- Rated power:29V/3A
- IP grade: Max. IPX6

JCP35PA-03

- Medical power adapter
- Output voltage(VDC):36
- Standby power consumption(W):<0.5
- Rated power:36V/2A
- Plug replaceable
- IP grade: Max. IPX6



JCP35H09

Newly upgraded guardrail

1. Brand new guardrail, novel and unique in shape, and has appearance patent
2. Comply with (EN60601-2-52) standard to ensure that customers pass various tests
3. The footboard of the bed can be adapted to a variety of operators (3.5 inches, 7 inches)

7 inches

3.5 inches

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