



LIFTING COLUMN

JC35ES3

JC35ES3 Lifting column

1. JC35ES3 column is a three-section square aluminum tube column; It is widely used in various workbenches, such as computer tables, instrument tables, workbenches and video systems;
2. JC35ES3 column is characterized by long stroke and high strength.



Stock Code: JC35ES3

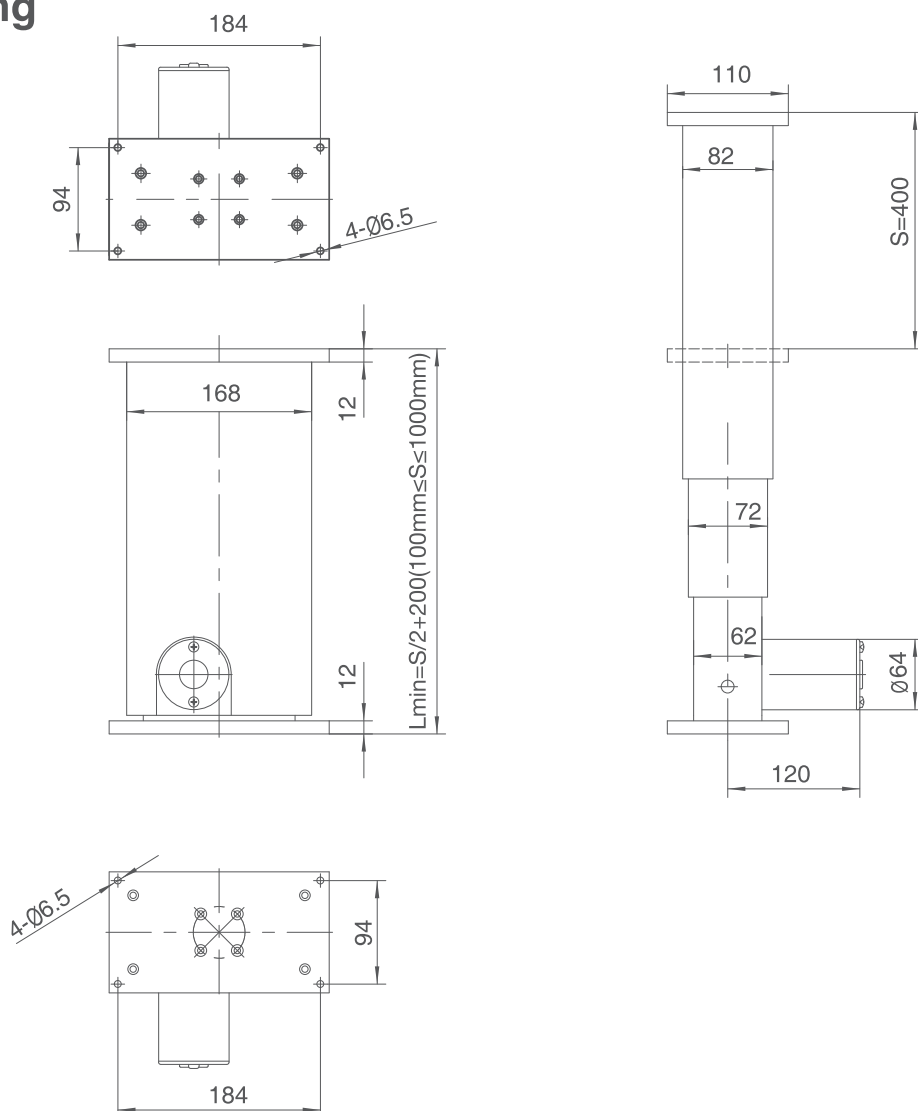
Features And Options

Load In Push:	2000 1000
Color:	Grey/ Black
IP Grade:	IP43
Stroke Length:	100-400mm (400-1000mm, option)
Installation Dimensions:	$L=S/2+200(100\text{mm} \leq S \leq 1000\text{mm})$
Noise Level:	$\leq 65\text{dB}(\text{environmental noise} \leq 40\text{dB})$
Optional:	Hall sensor Safety nut
Limit Switch:	Built-in (electrical)
Weight:	About 11kg(200/400) (different stroke length and installation dimensions with different weight)
Static Bending Moment:	500N·m
Approval:	IEC60601-1: 2012 EN 60601-1:2006+A12:2014 ANSI/AAMI ES60601-1:2005/(R)2012 and A1:2012, C1:2009/(R)2012 and A2:2010/(R)2012

Usage

Duty Cycle:	10%, max. 2min.continuous working and 18 min.off
Operating Temperature:	+5 °C to +40°C
Reserve Temperature:	-10°C~50°C
Supporting Control Box:	Match with JIECANG control box
Relative Humidity:	20% to 90% at 30 °C, non-condensing
Atmospheric Pressure:	700 to1060hPa

Dimension Drawing

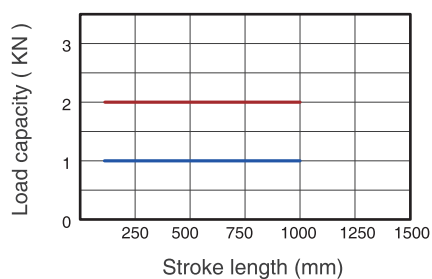


Technical Data-Standard Value

Input 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	6/2+6/3	1000	/	1000	25/18	≤6.5
24	6/2+6/3	2000	/	2000	15/10	≤6.5
29	6/2+6/3	1000	/	1000	30/21.5	≤7
29	6/2+6/3	2000	/	2000	18/12	≤7

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

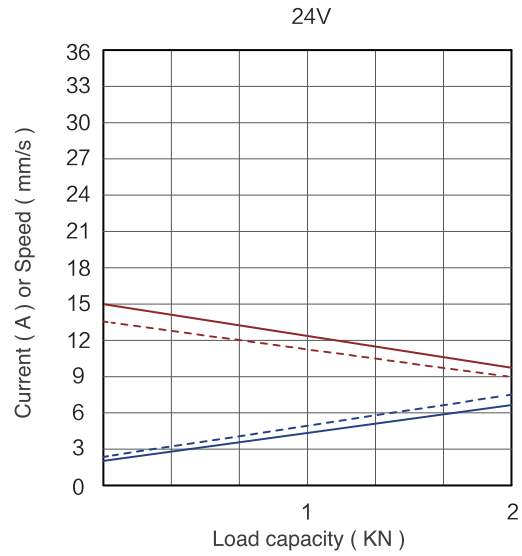
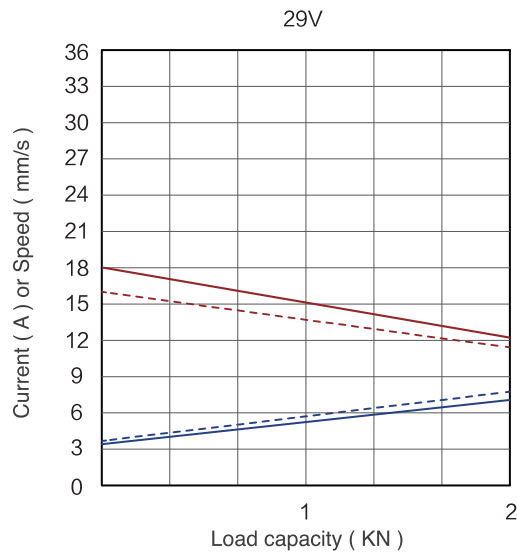
Diagram of relationship between stroke length and load



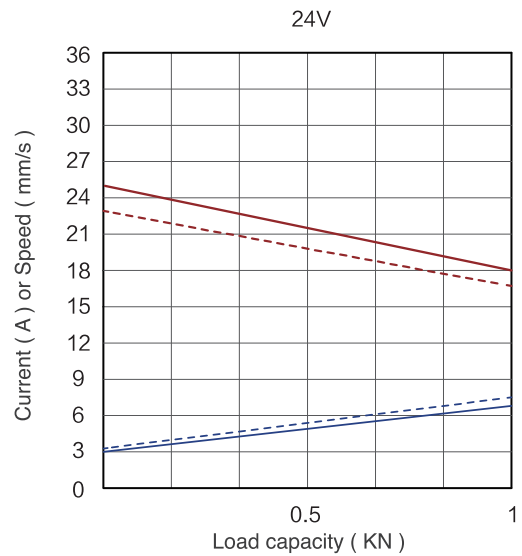
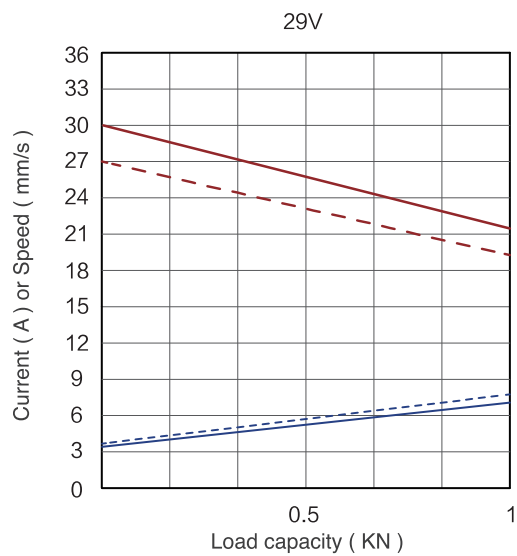
Characteristic Curve

Typical speed ———
Min. speed - - - - -
Typical current ———
Max. current - - - - -

2000N



1000N



Ordering Examples

Take **JC35W502412150/270/VB37LF470020D5** for example

Model	JC35ES3	
Optional features	X	0 = Standard / Y = Hall sensor
Profile code	X	A:1#,2# / B:2#,3# / C:3#,4# / D:4#,5# / E:1#,2#,3#
Load in push	X	2=2000N / 1=1000N
Speed at full load	XX	10=10mm/s
Input voltage	XX	24=24VDC
Stroke length Installation dimensions	XXX/XXX	Stroke length=XXX Installation dimensions =XXX
Mounting	X	0=Standard, A=200×110×12,B=200×110×10
Connection position	X	0: Top side outlet / 1: Top mounting plate outlet / 2: Bottom side outlet
The type of the plug and cable	X	00: Microphone plug 2-core straight line 02: 4-core straight line 2-core straight line 06: 4-core bending and 2-core straight line 10: 5-core in-line 6-core straight line 14: 2-core straight line without plug 21: 6-core ET directly inserted into 6-core motor wire 36: 4-core silver fox directly inserted into 2-core motor wire
Cable length	XXX	0=None / 1=1M / 1D5=1.5M
Surface	X	7: Mirror oxidation (semi hard oxygen) 10: Plastic spraying treatment 11: Wire drawing oxidation (surface wire drawing and polishing) 12: Ordinary oxidation
Color	X	B: Black / G=Grey



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