



کاتولوگ محصولات



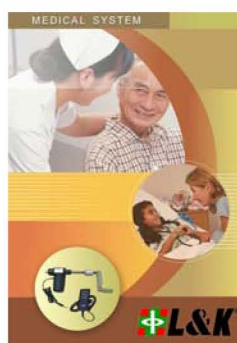
سیستم عملگرهای خطی برای استفاده در انواع
تخت های بیمارستانی صندلی های دندانپزشکی
تجهیزات توانبخشی و مبلمان اداری و منزل

تاریخچه شرکت لینکان

شرکت لینکان در سال ۱۹۹۰ فعالیت خود را با هدف مکانیزه کردن تخت های بیمارستانی در تایوان آغاز نمود و به مدت ۱۰ سال از محصولات اروپایی در این امور استفاده نمود. در سال ۲۰۰۰ این شرکت اولین محصولات تولیدی خود را به بازار عرضه نمود و با توجه به کیفیت مناسب مورد توجه تولید کنندگان تخت های بیمارستانی در شرق آسیا قرار گرفت. واحد تحقیقات لینکان نیز به طور پیوسته به گسترش محصولات و بهبود کیفیت محصولات خود اهتمام ورزیده و در حال حاضر این شرکت رنج کاملی از محصولات را برای اتوماسیون انواع تخت های بیمارستانی، صندلی های دندانپزشکی، مبلمان منزل، تجهیزات توانبخشی و تجهیزات ورزشی را تولید می نماید.

برخی از سوابق برجسته Linkan به شرح ذیل می باشد :

- ۲۰۰۱- تجهیزات مربوط به تخت خواب های بستری و صندلی دندانپزشکی
- ۲۰۰۲- عرضه تجهیزات مربوط به صندلی های آرایشگاه، تخت خواب های خانگی و میز چشم پزشکی
- ۲۰۰۳- تجهیزات تخت ICU
- ۲۰۰۴- تجهیزات مربوط به برقی نمودن تخت های با هندل دستی
- ۲۰۰۵- عرضه ستون های بالا برنده مخصوص تخت جراحی و صندلی معاینه مامایی
- ۲۰۰۶- عرضه عملگر های جدید سری LA32، کنترل نرسینگ و SLS
- ۲۰۰۷- عرضه کنترل باکسهای سری CB06 و CB09
- ۲۰۰۸- عرضه عملگر های مدل LA39 و ستون های بالا برنده سری LA38
- ۲۰۰۹- راه اندازی کارخانه جدید Linkan با ظرفیت چند برابر در تایچونگ تایوان



شبکه فروش و تضمین کیفیت:

شرکت لینکان از ابتدا با تاکید بر کرامت مشتری و حقوق او نسبت به گسترش شبکه فروش و خدمات خود در اقصی نقاط جهان اقدام نموده و در حال حاضر محصولات و خدمات Linkan توسط شبکه فروش و نمایندگی های محصولات این شرکت در کشورهای ژاپن، اندونزی، هند، ایران، کره، مالزی، فیلیپین، انگلیس، فرانسه، ایتالیا، برزیل، مصر، سوریه، تایلند و ترکیه و ... عرضه می شود.

شرکت مهندسی فراسیس از سال ۱۳۸۳ به عنوان نماینده انحصاری این شرکت در ایران فعالیت نموده و افتخار دارد که با بزرگترین تولید کنندگان تخت های بیمارستانی در ایران همکاری می نماید.

این شرکت محصولات لینکان را با ضمانت ۳۰ ماهه به مشتریان خود عرضه نموده و واحد خدمات پس از فروش محصولات لینکان آماده ارائه خدمات به مشتریان محترم می باشد.

LA31



LA31 is a very quiet and powerful actuator designed for a variety of applications, such as those in furniture, care or rehabilitation fields; it is available with a wide range of options and safety protections.

Features:

- 24V DC permanent magnet motor
- Thrust up to 6000N; Speed 3.0~16.7mm/s
- Built-in limited switches (not adjustable)
- High-strength plastic housing protects motor and gear
- Scratch and wear-resistant powder painted outer tube
- Strong wear and corrosion resistant stainless steel inner tube
- Elegant and compact design with small installation dimensions
- Steel piston rod eye
- Zinc alloy back fixture
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black

Options:

- LA31 can be fitted with a brake for increasing self-lock effect
- Safety nut
- Protection class: IP66 (not for wash tunnels)
- Reed-Switch
- Quick-Release Q
- Back stretch sleeve fixture (For only Quick-Release function)
- 0.2/ 0.4m coiled cable with DIN or Jack plug
- Back fixture position 0° or 90°
- Steel groove piston rod eye
- Fast motor
- Color: Gray-White (Min. order: 1,000 pcs)
- Can install Hall Sensor function (Contact R & D department of LINKAN A/C first)

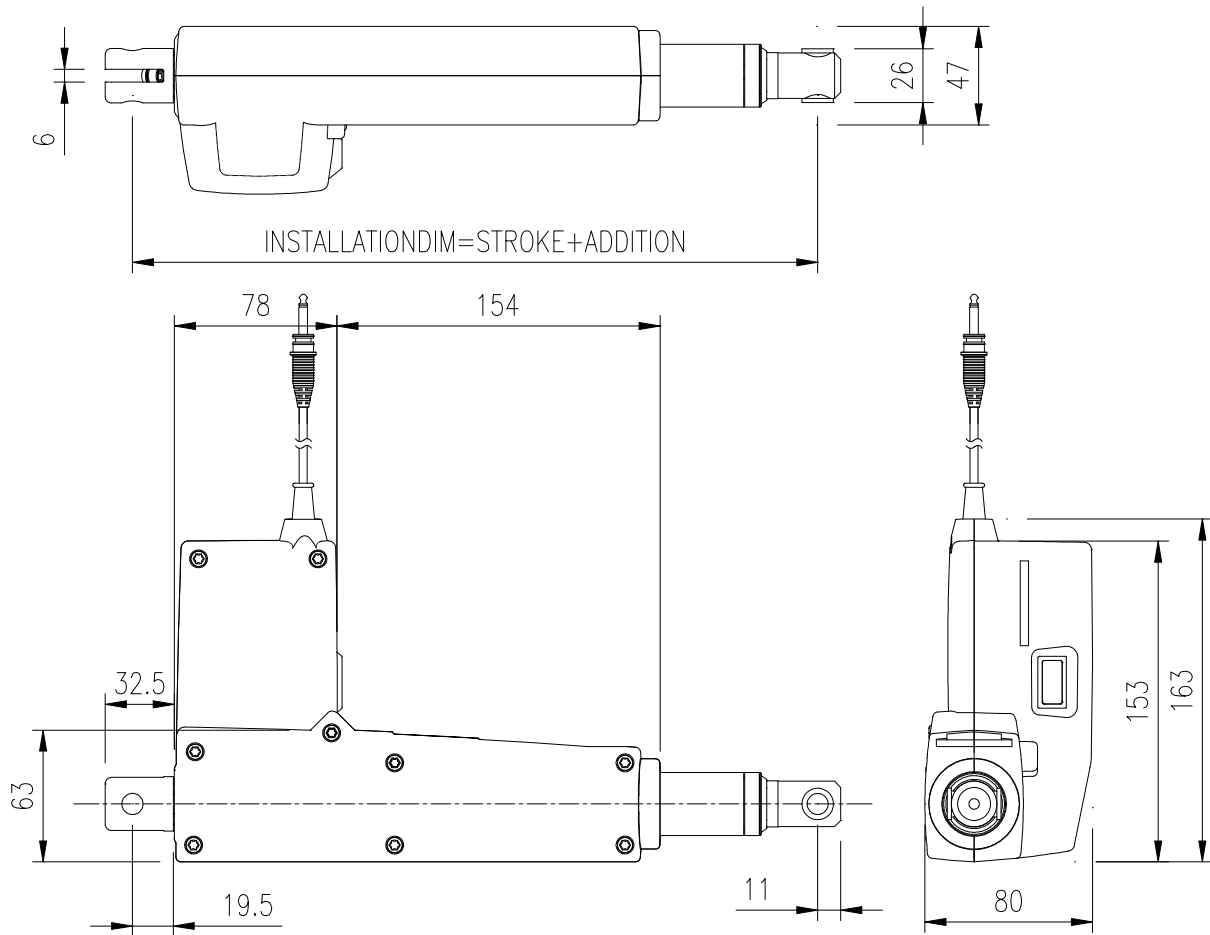


LA31 Ordering Example:

LA31	4	B	M	R	Q	-	15	-	100	-	B	H	D	TYPE OF PLUG (Notice plug on the control box)
														D : DIN
														J : JACK
														E : 3P JACK FOR CB24
														X : WITHOUT PLUG
														BACKFIXTURE DIRECTION
														(The direction of actuator installation)
														H : HORIZONTAL
														V : VERTICAL
														TYPE OF MOTOR
														B : STANDARD
														S : FAST (The raising of motor power makes actuators more fast and powerful. But the working cycle becomes small)
														COLOR
														- : Black
														+ : Gray-white
														CABLE LENGTH
														100 = 100cm
														150 = 150cm
														200 = 200cm
														STROKE LENGTH
														10 = 10cm
														15 = 15cm
														20 = 20cm
														25 = 25cm
														30 = 30cm
														35 = 35cm
														40 = 40cm
														QUICK RELEASE Q (Only used with 5mm pitch screw. Q is for CPR function and can makes beds return to original position quickly by manual operation)
														REED SWITCH
														R : As the worm wheel gear rotate one cycle, Reed Switch will send out 8 signals (pulses). Thus, control box can read signals to operate memory and parallel control.
														H : Unipolar Hall Sensor
														T : Bipolar Hall Sensor
														SAFETY NUT M (Only used with 4mm pitch spindle and for avoiding main nut on the spindle breaking down and then bed sliding down suddenly)
														BRAKE B:
														(Raise self-lock power to prevent the sliding of fixed beds.)
														SPINDLE PITCH
														3 : 3.0 mm (Small pitch, power: large, speed: slow)
														4 : 4.0 mm
														5 : 5.0 mm
														9 : 9.0 mm (Large pitch, power: small, speed: fast)
														ACTUATOR TYPE LA31-BASIC

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Dimensions:



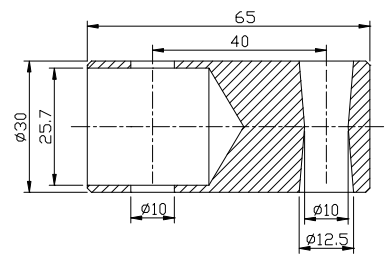
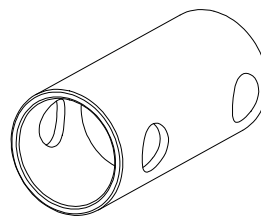
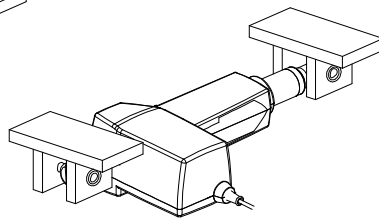
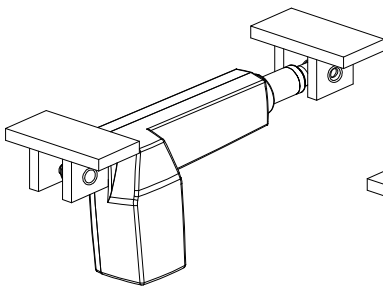
Back direction: (Direction of installation)

Option for Quick Release accessory

V type (Vertical install)

H type (Horizontal install)

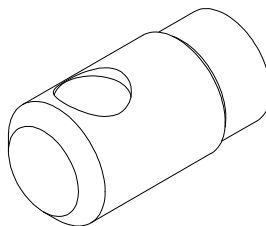
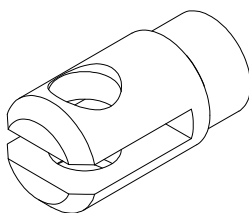
(Back stretch sleeve fixture)



Screw:

Groove

Not-Groove



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LINKAN ASIA CO.

8/3/2009

Basic Installation Dimension :

Actuator Stroke mm	100	150	200	250	300
Basic Installation Stroke mm	288	323	373	423	473
Stretch Stroke mm	388	473	573	673	773

Installation Dimension for Q function :

Actuator Stroke mm	100	150	200
Basic Installation Stroke mm	377	427	477
Stretch Stroke mm	477	577	677

Notice (Installation):

- ★ If the stroke of LA31 is less than 100mm, all basic installation dimension are 288mm
- ★ When the load is over 4000N, the longest stroke of a actuator is 250mm
- ★ For a actuator equipped with Q function: basic installation dimension is Stroke + 277mm

Notice (for the installation of Q function)

- ★ The effective stroke length for Quick Release is:
Standard stroke length minus 10 mm
E.g. Actuator with quick release is equipped with 150mm stroke length. The effective stroke length for this type is ≤ 140 mm
- ★ When LA31 actuator equip Quick Release function, spindle need to be 5mm pitch. The needed released power of actuator is 35 kgs.
- ★ LA31 is not suitable for the pulling device. Suggestion: Actuator is suitable for the load in pushing situations.
- ★ Back stretch sleeve fixture is suggested for Quick Release function

Data & Graph:

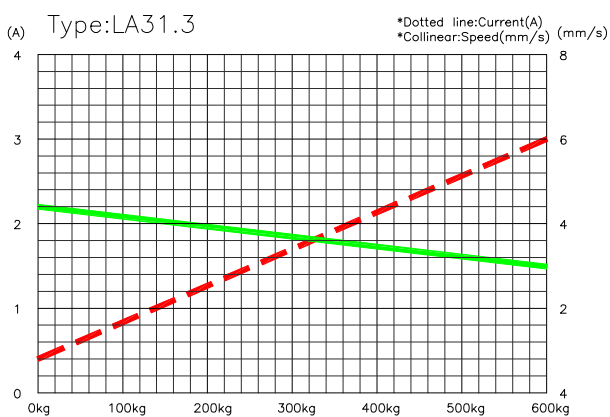
Power Supply: DC24V

Spindle type	Spindle Pitch (mm)	Max load 【N】		Typical Amp.	Typical speed 【mm/s】		Selflock Max 【N】
		Push	Pull	Full load	Unloaded	Full load	Push
Standard 24V motor (Duty Cycle : 10%)							
LA31.3	3	6000	4000	3.0A	4.3	3.0	6000
LA31.4B	4	6000	4000	3.6A	5.8	3.4	6000
LA31.5	5	4000	4000	1.6A	7.2	6.2	2000
LA31.5Q	5	4000	2000	1.6A	7.2	6.2	2000
LA31.5B	5	4000	4000	2.8A	7.2	5.2	4000
LA31.9B	9	1500	1500	1.7A	14.3	11	1500
Fast 24V motor (Duty Cycle : 5%)							
LA31.3	3	6000	4000	4.0A	5.4	3.8	6000
LA31.4B	4	6000	4000	4.6A	7.5	4.8	6000
LA31.5	5	4000	4000	2.1A	9.0	7.9	2000
LA31.5B	5	4000	4000	3.5A	9.0	6.7	4000
LA31.9B	9	1500	1500	2.5A	16.7	14.3	1500

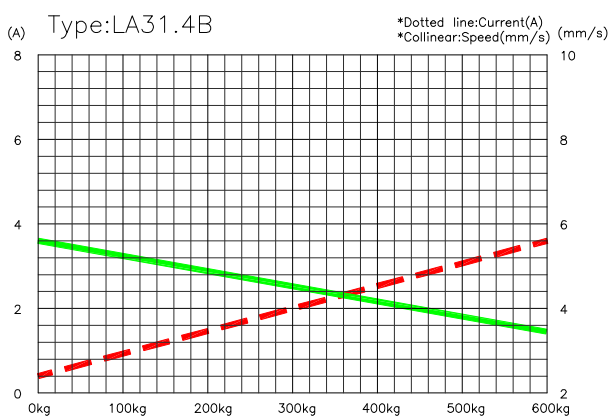
※The data above is with DC24V power supply. If you need the data with compatible control boxes, please contact LINKAN A/C technical department.

Standard 24V motor :

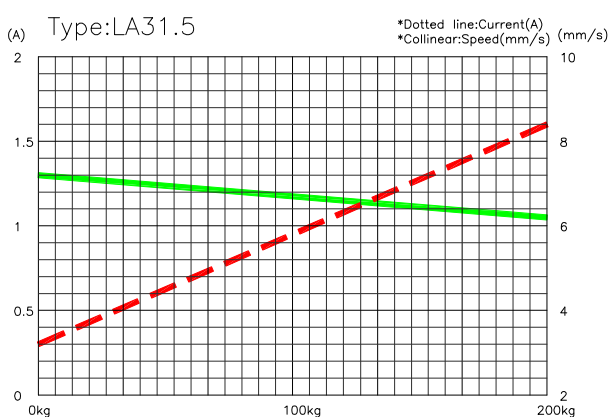
(A) Type:LA31.3



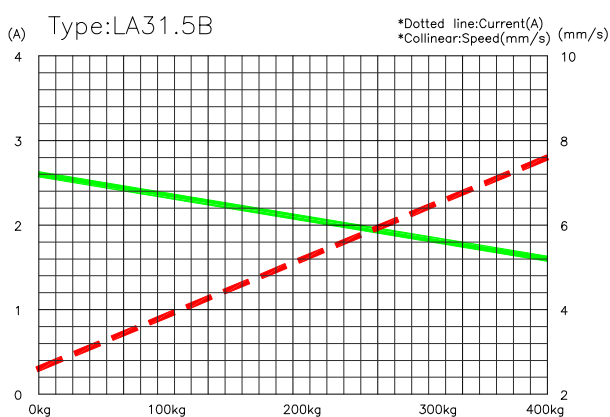
(A) Type:LA31.4B



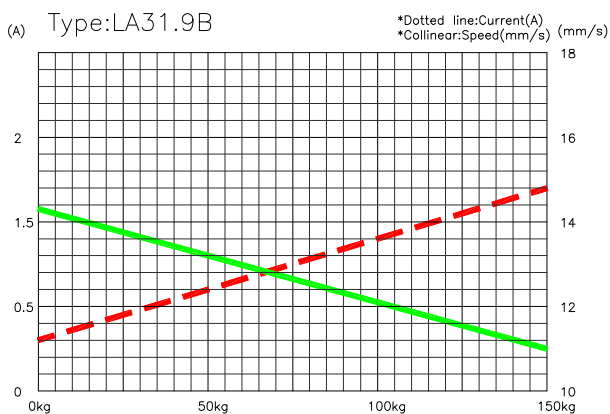
(A) Type:LA31.5



(A) Type:LA31.5B

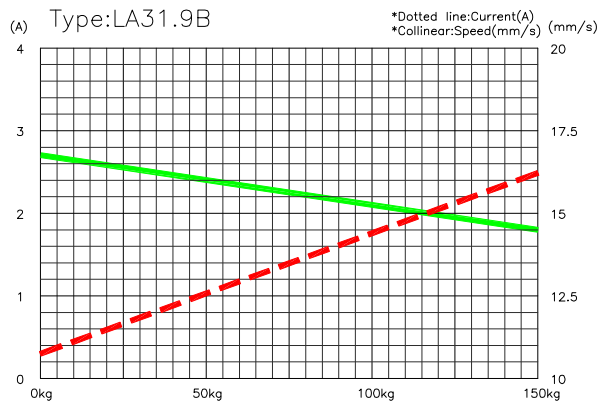
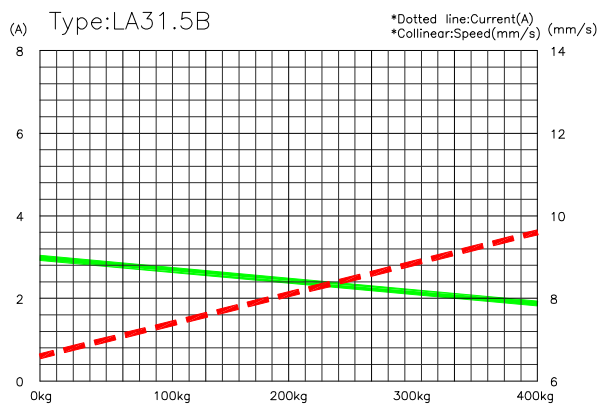
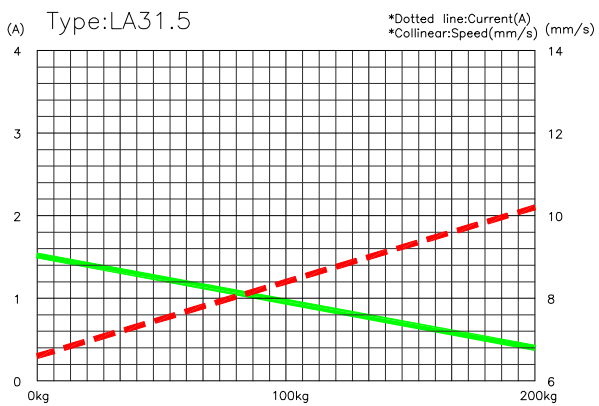
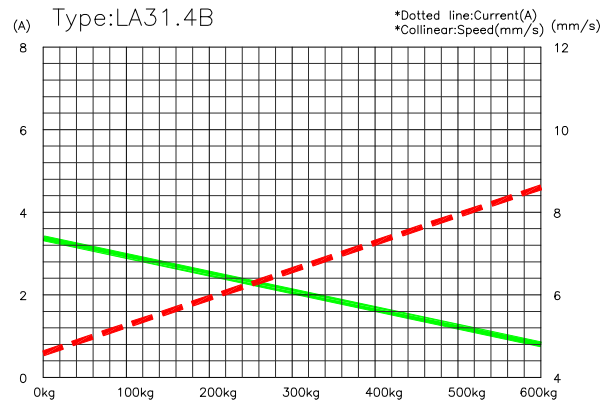
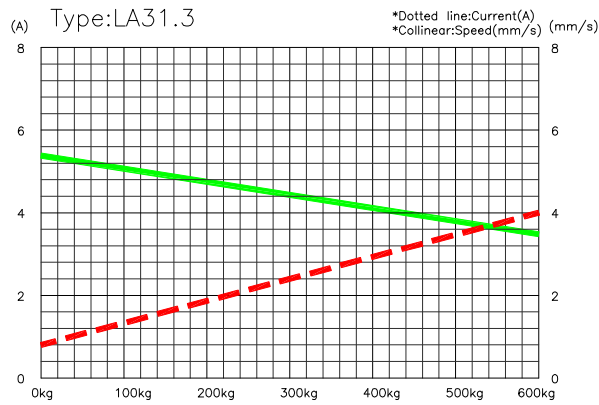


(A) Type:LA31.9B



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Fast 24V motor :



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LA34 is a quiet, handy, speedy and elastic Actuator, design in variety applications. Such as those in furniture, care, rehabilitations and fire control window fields; it is available with a wide range of options and safety protections.

Features:

- 12V /24V DC permanent magnet motor
- Thrust 1000N, Typical Speed 10~25mm/s
- Aluminum Alloy housing protects motor and gear
- Strong wear and corrosion resistant stainless steel inner tube
- Elegant and compact design with small installation dimensions.
- Steel piston rod eye
- Duty Cycle: Max. 10% or 2 min. / 18min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP56
- Color: Silver Grey
- Cable Length 100cm

LA34 Ordering Example:

LA34 . 1 - 10 - 12

MOTOR VOITAGE

12 : DC 12 V

24 : DC 24 V

STROKE LENGTH

10 : 10cm

15 : 15cm

20 : 20cm

SPINDLI PITCH

1 : 1000N / 10mm/s

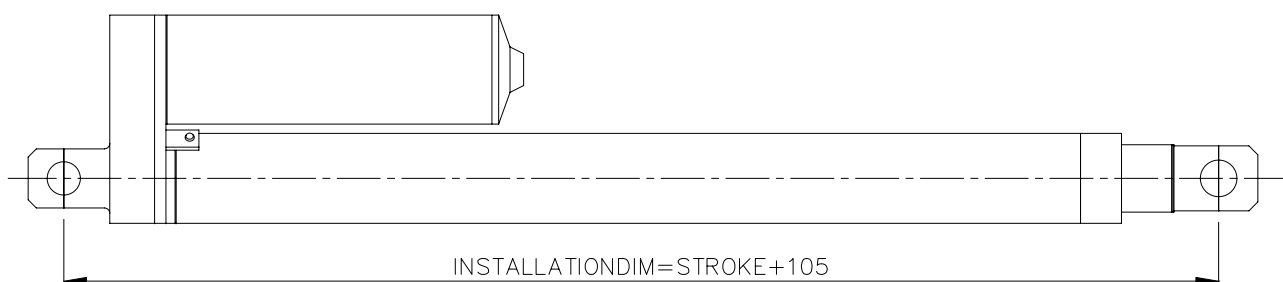
2 : 750N / 16mm/S

3 : 350N / 24mm/S

ACTUATOR TYPE LA34-BASIC

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Dimensions:



Basic Installation Dimension :

Actuator Stroke mm	100	150	200
Basic Installation Stroke mm	205	255	305
Stretch Stroke mm	305	405	505

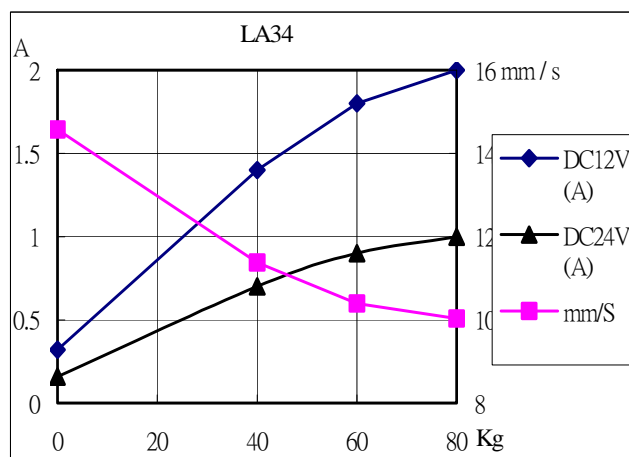
LA34 DC12V /24V Stroke 200mm Data :

LA34 DC12V / DC24V 行程 200MM 數據 :

STROKE 150MM SCREW DC 12V / 24V

LA34

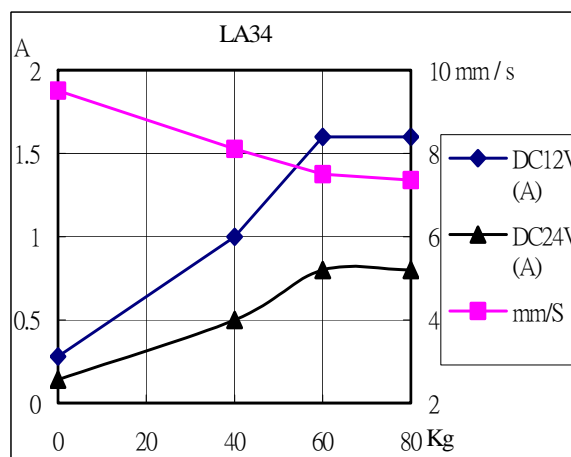
LOAD(kg)	DC12V (A)	DC24V (A)	SPEED(mm/s)
0	0.32	0.16	14.577
40	1.4	0.7	11.38
60	1.8	0.9	10.388
80	2	1	10.033



STROKE 200MM SCREW DC 12V / 24V

LA34

LOAD(kg)	DC12V (A)	DC24V (A)	SPEED(mm/s)
0	0.28	0.14	9.51
40	1	0.5	8.11
60	1.6	0.8	7.502
80	1.6	0.8	7.353





LA29 has an elegant and streamline design suitable to use in furniture, sofa chairs and sports sectors. LA29 is developed for push applications; it has a very strong construction and being mounted with CB03.

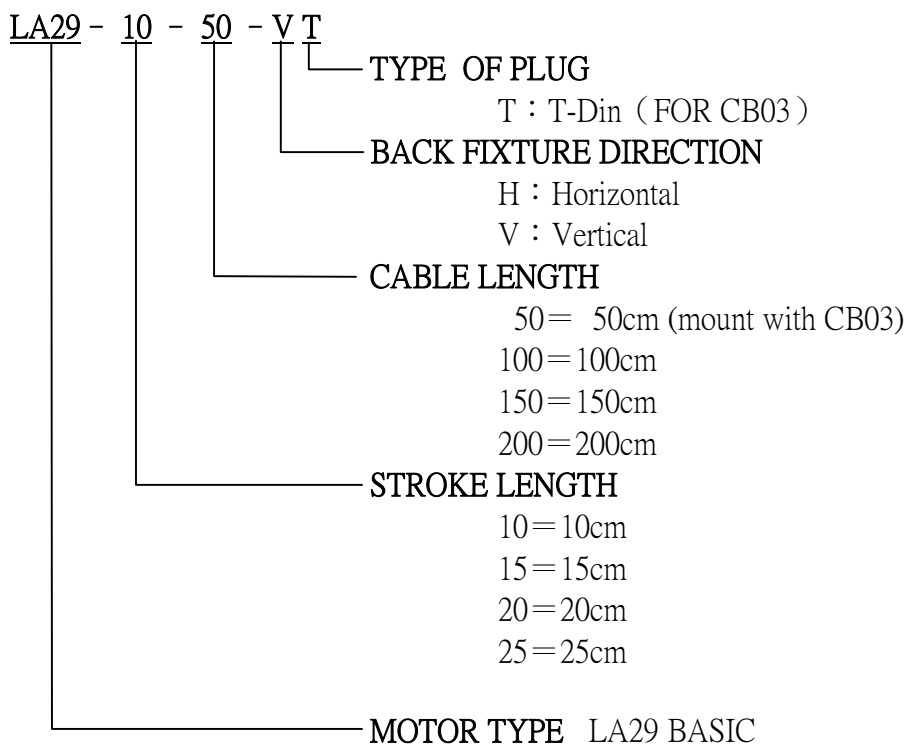
Features:

- 24V DC permanent magnet motor
- Thrust 2800N~ 3500N
- Built-in end stop signal switches (not adjustable)
- Stroke length: 10cm~25cm
- The outside tunnel is aluminum material, exquisite and classical
- Elegant and compact design; small installation dimension
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Color: Black

Options:

- Back fixture position 0° or 90°
- T-Din Jack Plug compatible to CB03, and handset HS、HB4X
- Spline device
- Protection class: IP51

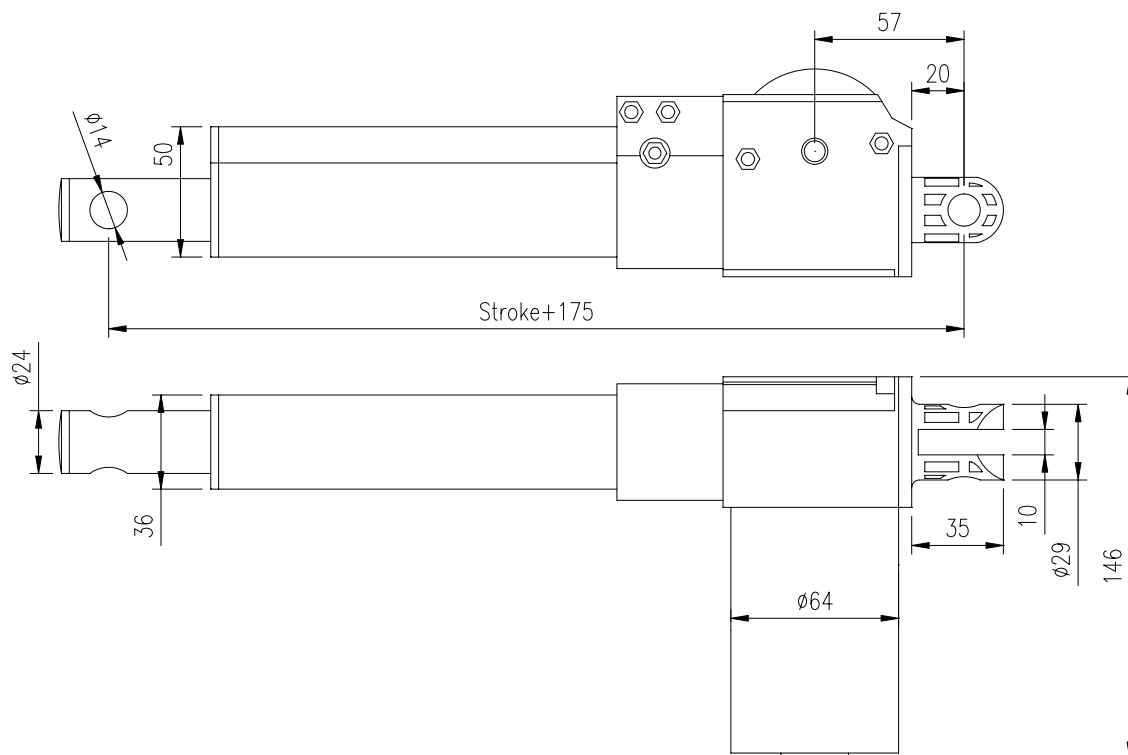
LA29 Ordering Example:



Dimensions:

Installation Dimensions:

For all A29, basic installation is S+175 mm



LA29 Dimensions

Actuator Stroke mm	100	150	200	250
Basic Installation Dimension mm	275	325	375	425
Stretch Stroke mm	375	475	575	675

Notice:

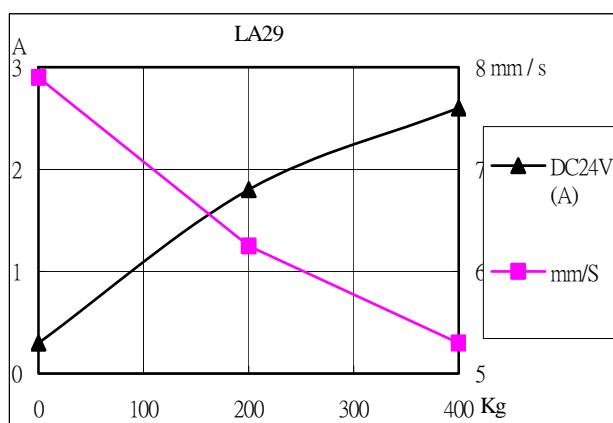
- T-Din Plug and 100mm above stroke of actuators needed when mounted with CB03

LA29 DC 24V Stroke 150MM Data :

STROKE 150MM SCREW DC 24V

LA29

LOAD(kg)	DC24V (A)	SPEED(mm/s)
0	0.3	7.9
200	1.8	6.25
400	2.6	5.3



Data & Graph:

Type	Max load 【N】		Typical Amp.	Typical speed 【mm/s】		Selflock Max 【N】
	Push	Pull	Full load	Unloaded	Full load	Push
LA29	4000	4000	2.6A	7.9	5.3	4000

(Duty Cycle : 10%)

※ The data above is the standard of using DC24V power supplier. If you need the data of the compatible control boxes, please contact with LINKAN A/C technical department.

LA36(NEW)

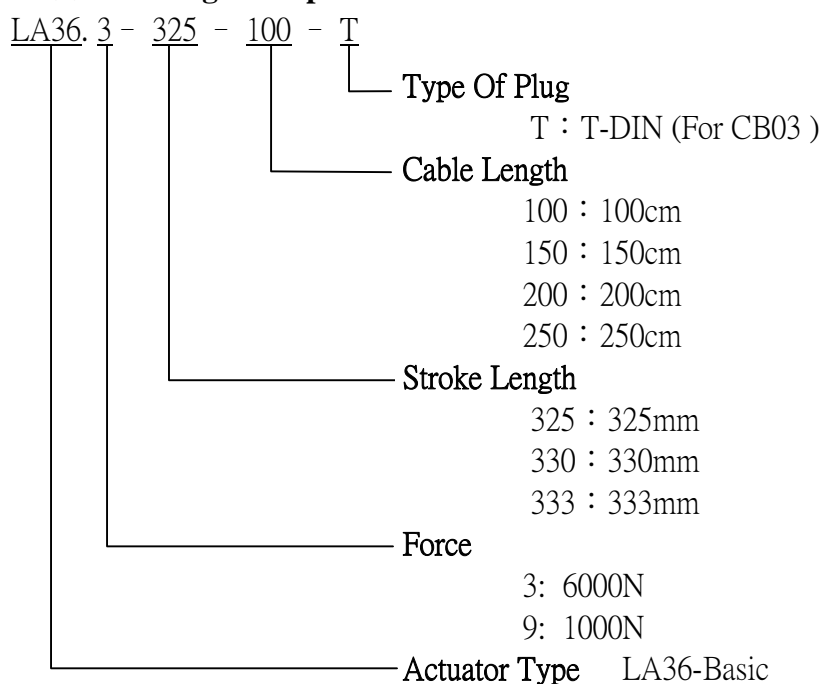


LA36 is an actuator with robust spindle, unique spindle and strong motor. The actuator structure is unique design suitable for the field of sofa chairs, leisure chair and etc. Besides, the installation is much easier.

Features :

- 24V DC permanent magnet motor
- Thrust from 4000N to 6000N
- Robust structure design with easy installation
- Low noise
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black

LA36 Ordering Example:



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1.13 LA38(NEW)



LA38 Lifting Column is unique design for applying vertical movement of heavy materials. It is just need an actuator, a proper control box, and a handset and then can easily be operated and used.

The advanced design and the high-quality structure can sustain high bending moment and have long life span..

LA38 is ideal for lifting heavy load vertically, such as working tables, operation table, obstetric table and other applications. For applications which need to have slightly adjusting is an ideal choice.

Features:

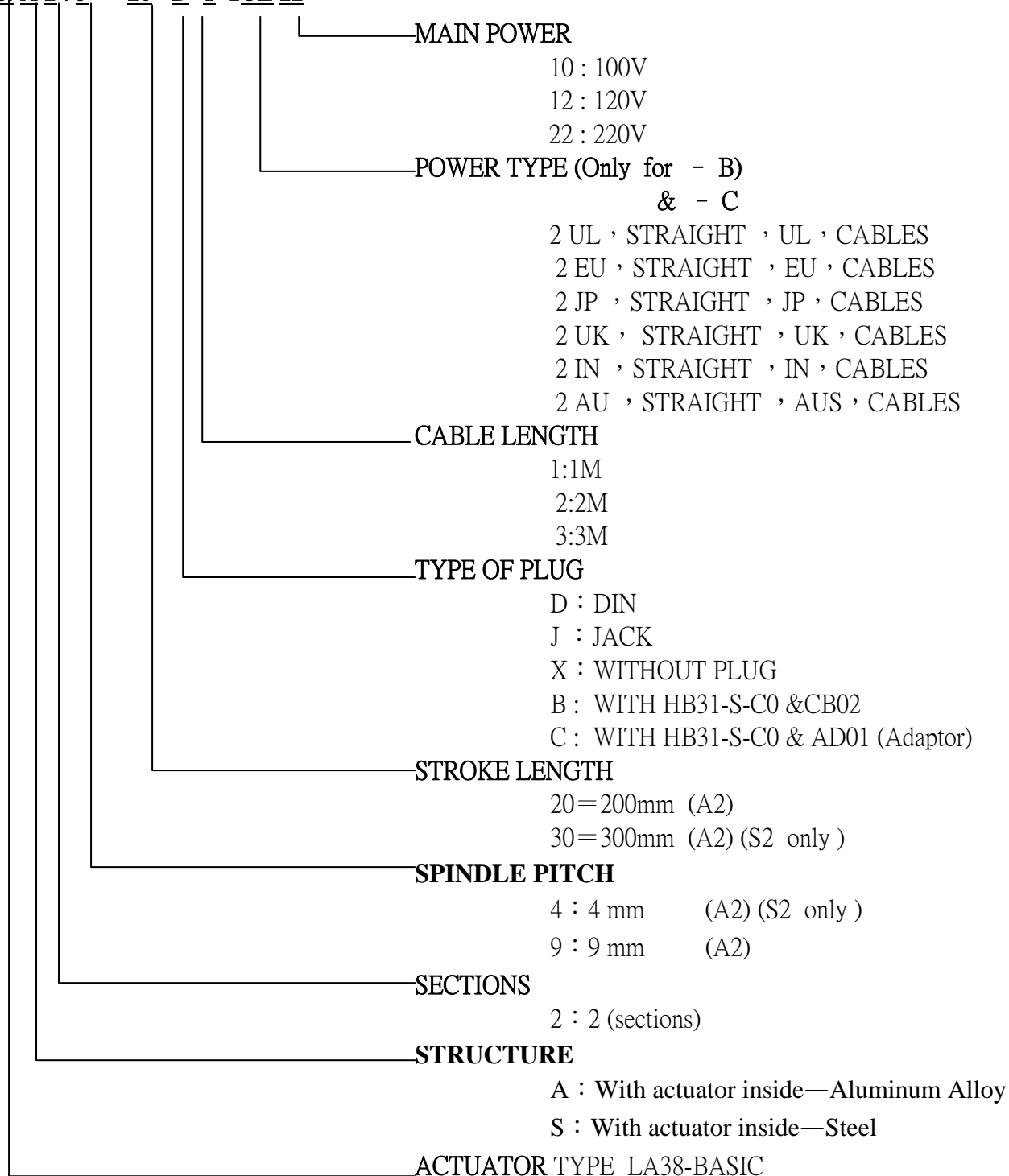
- LA38 is a special-designed elastic lifting, and can equip Linkan A/C linear actuator.
- Special design to overcome the bending force and torque when applications lift vertically.
- High thrust, long life-span, low noise.
- Compact design with high strength.
- The duty cycle is 10%
- Functionality upon the selected LINKAN A/C actuator
- Ambient temperature: +5°C to +40°C
- Protection class: IP66
- LA38 built-out actuator can be used with CB02, CB05, CB07, CB09 and CB16
- The highest bending force can be sustain is within 1 meter to endure 100kg and operate normally (LA38S)

Options:

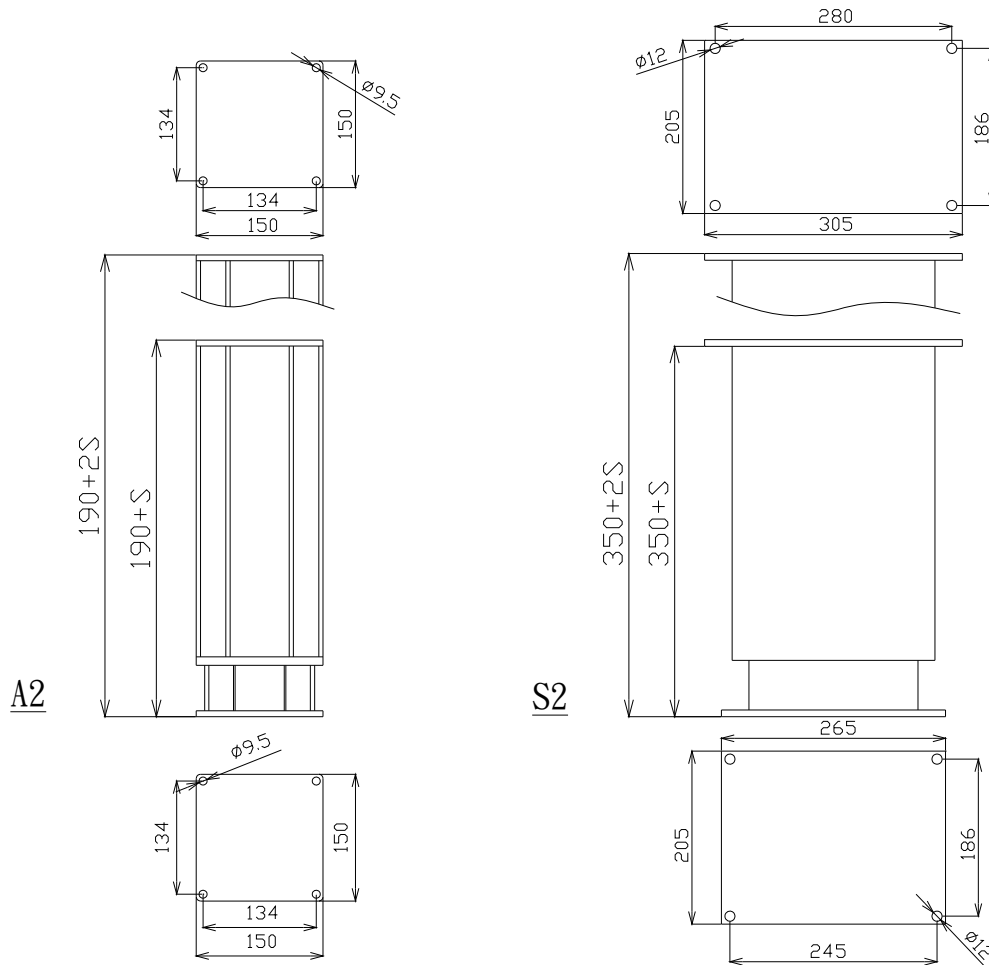
- Reed-switch
- Gas spring (to increases the lifting capacity parallel functions)
- Built-in HB31 Handset and Adapton
- Built-in HB31 Handset and CB 02 control box

LA38 Ordering Example:

LA38, A 2 . 3 - 20 D 1 2UL 22



Dimensions:



LA38.A2 Basic Installation Dimension:

Stroke Length mm	200	250	300
Basic Installation Dimension mm	390	440	490
Lifting Total Height mm	590	690	790

LA38.S2 Basic Installation Dimension:

Stroke Length mm	300
Basic Installation Dimension mm	650
Lifting Total Height mm	950

Type	Max Load-N	Speed 0/full-mm/s	Current full-A	Max Bending Force- N/m
LA38.A2.4-XXX-XXX	3000N	11.7/6.97 mm/s	3.3A	600 N/m
LA38.A2.9-XXX-XXX	1000N	28.4/22.68 mm/s	2.6A	600 N/m
LA38.S2.4-XXX-XXX	6000N	8.3/5.5 mm/s	4.0A	1000 N/m

Notice :

- ★Stroke length: There are three specifications for LA38.A2: 200mm and 300mm
- ★LA38.S2: 300mm stroke length ONLY

LA34 (NEW)



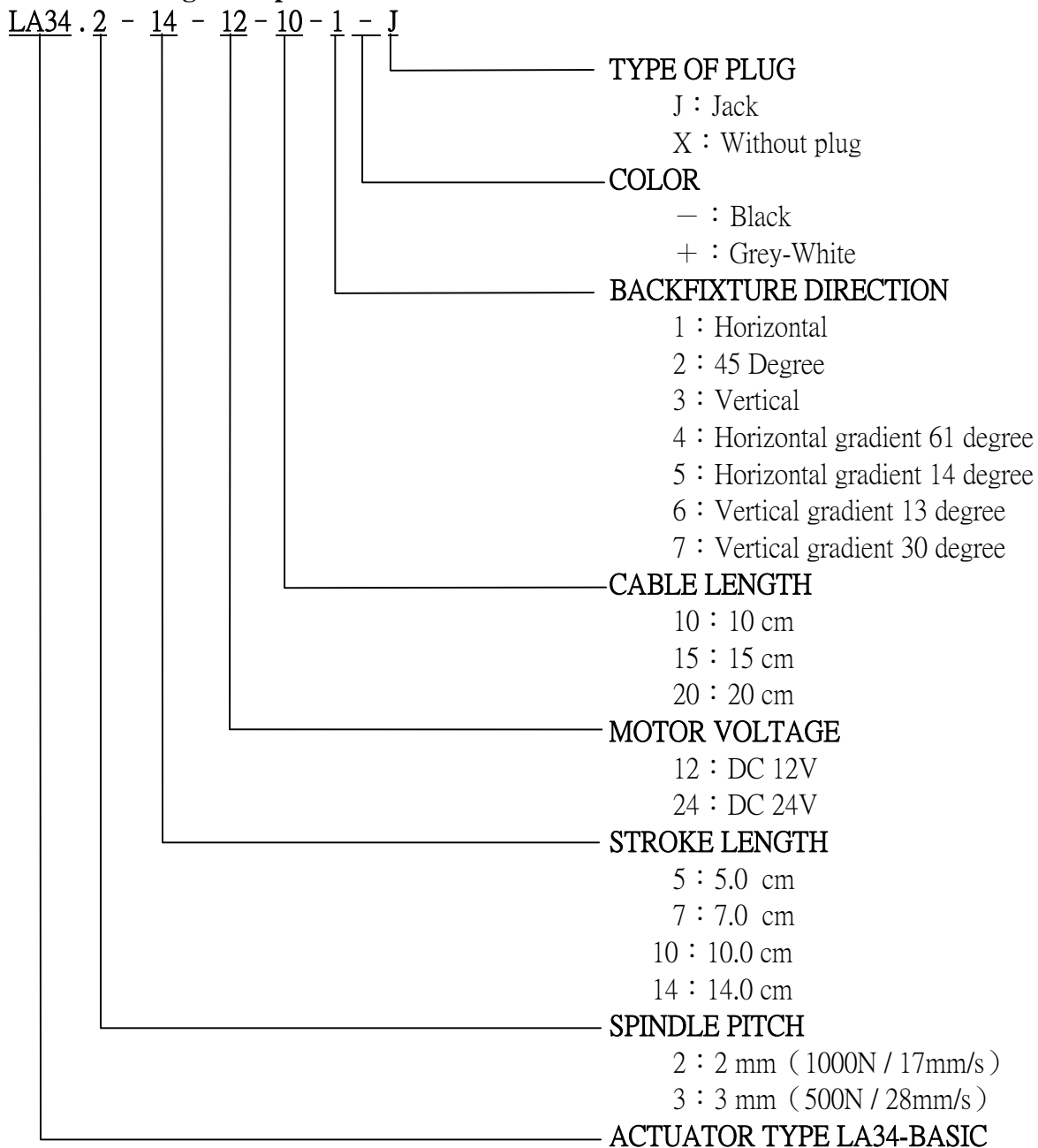
LA34 is a quiet, handy and speedy Actuator, design in variety applications. Such as those in furniture, care and fire window; it is available with a wide range of options and safety protections.

Features:

- 12V/24V DC permanent magnet motor.
- Thrust 1200N, Typical speed 17~28 mm/s
- Plastic housing protects motor and gear.
- Strong wear and corrosion resistant stainless steel inner tube.
- Elegant and compact design with small installation dimensions.
- Duty cycle: Max. 10% or 2 min. / 18min. in continuous use .
- Ambient temperature: +5°C to +40°C .
- Protection class: IP56
- Color: Black/ Gery-white

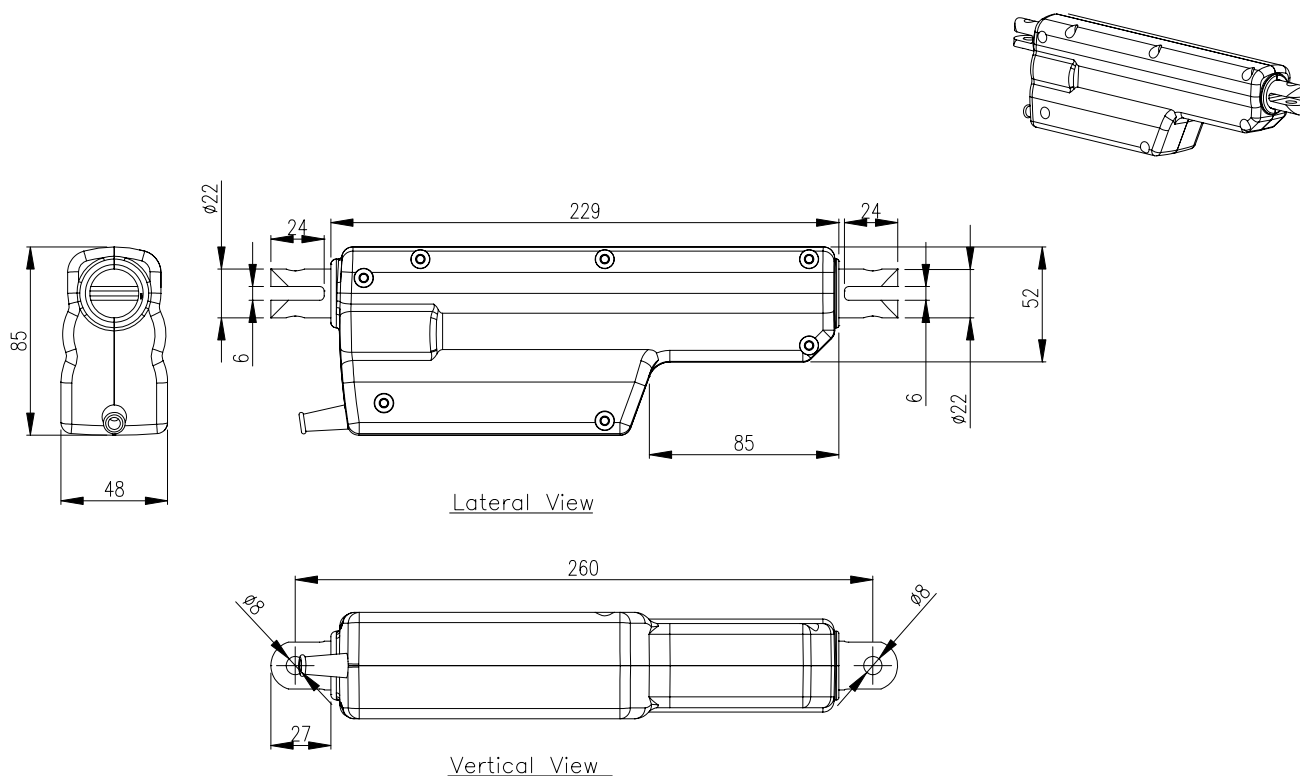


LA34 Ordering Example:



Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

Dimensions:



Basic Installation Dimension :

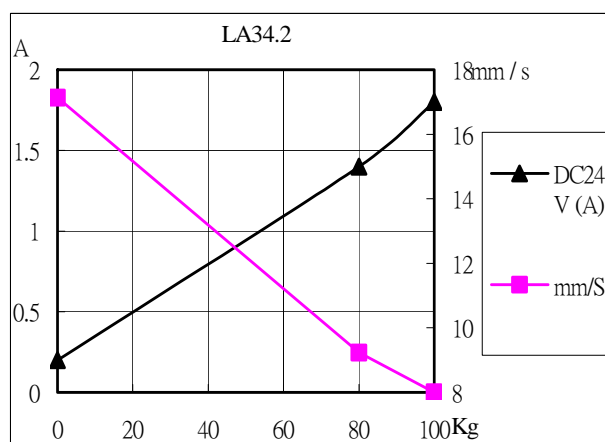
Actuator stroke mm	50	70	100	140
Basic Installation stroke mm	260			
Stretch stroke mm	310	330	360	400

LA34 DC12V /24V Stroke 140mm Data :

STROKE 140MM SCREW DC 24V

LA34.2

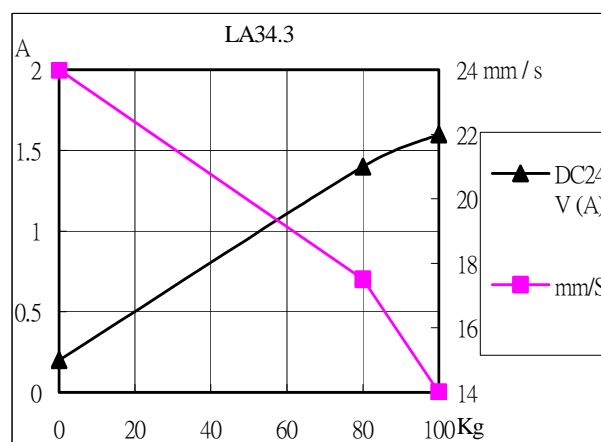
LOAD(kg)	DC24V (A)	SPEED(mm/s)
0	0.2	17.14
80	1.4	9.23
100	1.8	8



STROKE 200MM SCREW DC 24V

LA34.3

LOAD(kg)	DC24V (A)	SPEED(mm/s)
0	0.2	24
80	1.4	17.5
100	1.6	14



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LA33 has an elegant and streamline design suitable to use in furniture, rehabilitation and sports sectors. LA33 is developed for push applications; it has a very strong construction and competitive price.

Features:

- 24V DC permanent magnet motor
- Thrust 4000N~ 6000N
- Built-in end stop signal switches (not adjustable)
- Stroke length: 5cm~30cm
- The outside tunnel is aluminum material, exquisite and classical
- Elegant and compact design; small installation dimension
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Color: Black

Options:

- Back fixture position 0° or 90°
- Three types for rod eye: Groove+Round 、Oval 、Round
- T-Din Jack Plug for mounting with CB06 or combining LA30
- Spline device
- Protection class: IP51
- Can install Hall Sensor function (Contact R & D department of LINKAN A/C first)



LA33 Ordering Example:

LA33. 3 S R - 20 - 200 - R H S

TYPE OF PLUG (Notice plug on control box)

S : JACK (STANDARD)

X : WITHOUT PLUG

T : T-Din Jack (FOR CB06 or LA30)

D : DIN

BACKFIXTURE DIRECTION (Direction of actuator installation)

H : HORIZONTAL

V : VERTICAL

C : Horizontal + Metal

D : Vertical + Metal

TYPE OF EYES (Front install head in the spindle)

O : OVAL

R : ROUND

CABLE LENGTH

50 = 50cm (Mount with CB06)

100 = 100cm

150 = 150cm

200 = 200cm

STROKE LENGTH

5 = 5cm

10 = 10cm

15 = 15cm

20 = 20cm

25 = 25cm

30 = 30cm

35 = 35cm

40 = 40cm

Reed Switch

R : As the worm gear rotate one cycle, Reed Switch sends out 4 signals(pulses). R can let control box to read signal and run memorizing and positioning control.

H : Unipolar Hall Sensor

T : Bipolar Hall Sensor

FUNCTION (Avoid being clipped and fixed when actuator encounter obstacles in the movement, only for Push)

S : SPLINE (3mm pitch spindle only)

N : Without SPLINE

SPINDLE PITCH

3 : 3 mm

4 : 4 mm

ACTUATOR TYPE LA33-BASIC

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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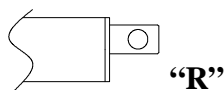
8/3/2009

Rod Eye Type

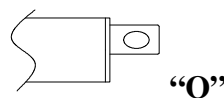
Back Direction (Direction of Installation)

V type (Vertical install)

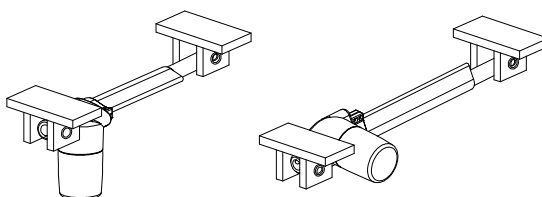
H type (Horizontal install)



“R”



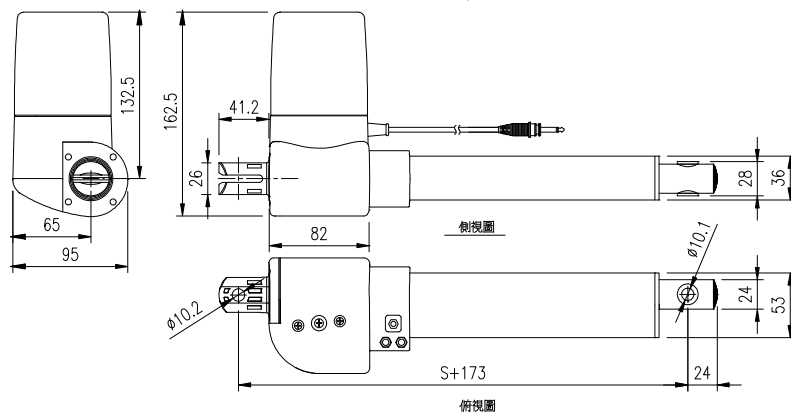
“O”



Dimensions:

Installation Dimensions:

If LA33 stroke exceeds 100 mm, basic installation is S+173 mm



LA33 Dimensions

Actuator Stroke mm	100	150	200	250	300
Basic Installation Dimension mm	288	323	373	423	473
Stretch Stroke mm	388	473	573	673	773

Notice:

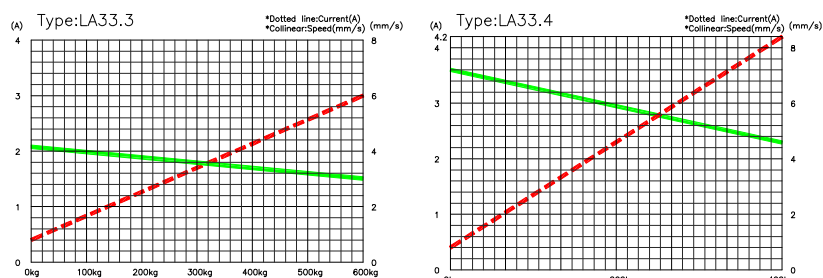
- 3mm pitch only when using rod eye with Groove + Round specification
- T-Din Jack Plug needed when mounting with CB06, 100mm above stroke of actuators needed when mounted with CB06
- Spline function is only used with LA33.3

Data & Graph:

Type	Spindle Pitch (mm)	Max load [N]		Typical Amp.	Typical speed [mm/s]		Selflock Max [N]
		Push	Pull		Unloaded	Full load	
LA33.3	3	6000	4000	3.0A	4.1	3.0	6000
LA33.4	4	4000	4000	4.2A	7.5	4.3	4000

(Duty Cycle : 10%)

※ The data above is the standard of using DC24V power supplier. If you need the data of the compatible control boxes, please contact with LINKAN A/C technical department.



Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

LA36 (OLD)



LA36 is an innovative actuator. The unique design is suitable for many applications in furniture, rehabilitation, medical and industry sectors. The actuator system can be operated manually when no electricity. The distinctive mechanical structure is a patent design. The electrically driven system with manual operation is the most outstanding feature.

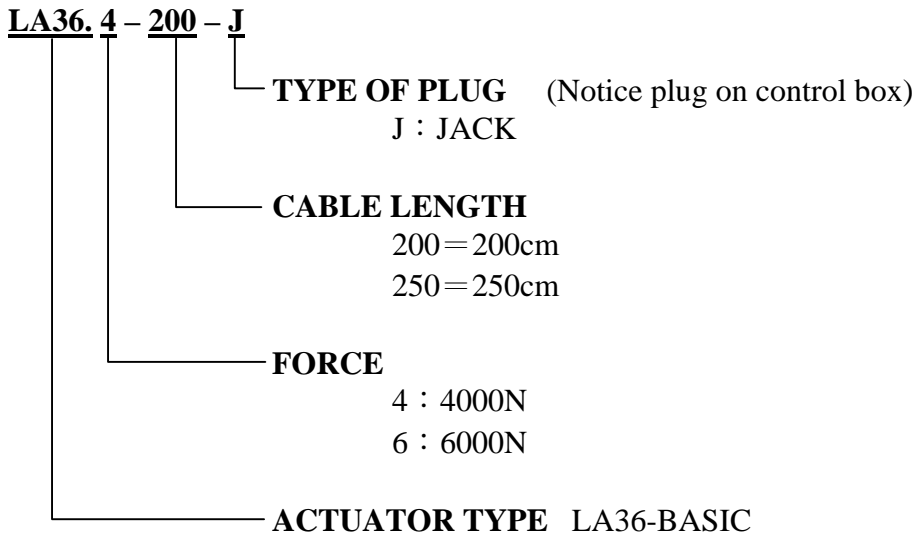
Features:

- 24V DC permanent magnet motor
- Force: 4000~6000N
- Elegant and compact design; the installation dimension is flexible
- Both electrical and manual functions. Possible to be installed directly into traditional crank beds
- Low noise
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP31
- Color: black
- Used with CB12 only

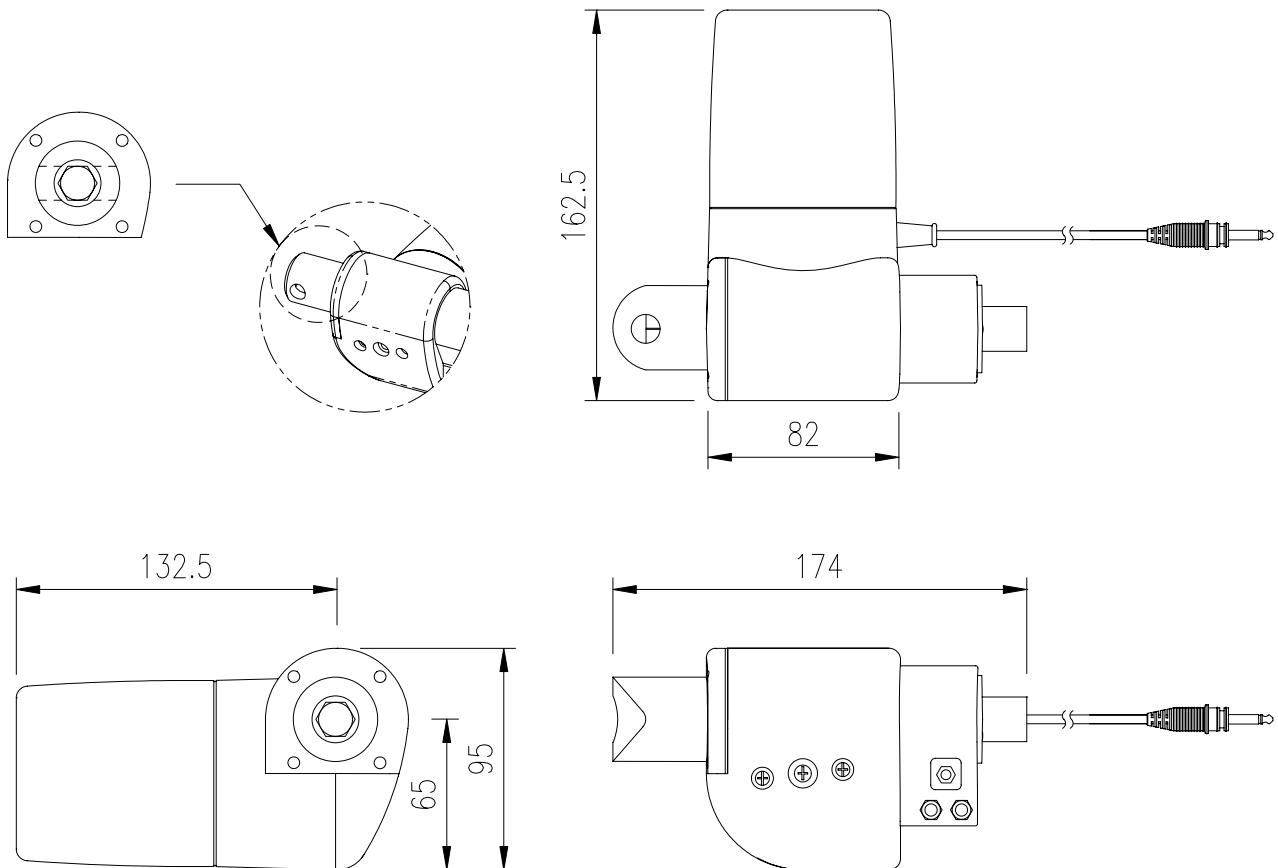
Options:

- Housing color: Gray-White (Min. Order: 1,000 pcs)
- MOLR: Manual crank with overload protection device
- Crank

LA36 Ordering Example:



Dimensions:



Notice:

- To obtain the best performance, it is necessary to use actuator under these conditions: the outside diameter of the spindle arbor must be between Ø18 and Ø20mm, the pitch of the tube must be 4mm or 3mm.
- If the spindle connected with LA36 didn't equip built-in over-load protection device, please choose MOLR. If the spindle already equipped it, crank can be common one.
- Only used with CB12 control box

LA38(OLD)



LA38 Lifting Column is proper design for applying vertical movement of heavy materials. It is just need an actuator, a proper control box, and a handset and then can easily be operated and used.

The advanced design and the high-quality structure can sustain high bending force and have long life span.

LA38 is ideal for lifting heavy load vertically, such as working tables, operation table, obstetric table and other applications.

Features:

- LA38 is a special-designed elastic lifting, and can equip Linkan A/C linear actuator.
- Special design to overcome the bending force and torque when applications lift vertically.
- High thrust, long life-span, low noise.
- Compact design with high strength.
- The duty cycle is upon the selected LINKAN A/C actuator
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- LA38 built-in actuator can be used with CB09 and CB16 control box
- LA38 built-out actuator can be used with CB02, CB05, CB07, CB09 and CB16

Options:

- Reed-switch (For built-out actuator , easy for control box to read signals; then execute memory and parallel functions)
- Gas spring (to increases the lifting capacity)



LA38 Ordering Example:

LA38. I 2 - 3 - 200 - 415

Installation Dimensions mm

365 = 365mm (stroke=150mm)

415 = 415mm (stroke=200mm)

465 = 465mm (stroke=250mm)

515 = 515mm (stroke=300mm)

Stroke Length mm

150 = 150mm

200 = 200mm

250 = 250mm

300 = 300mm

Spindle pitch mm

3 : 3 mm

4 : 4 mm

Sections

2 : 2 sections

3 : 3 sections

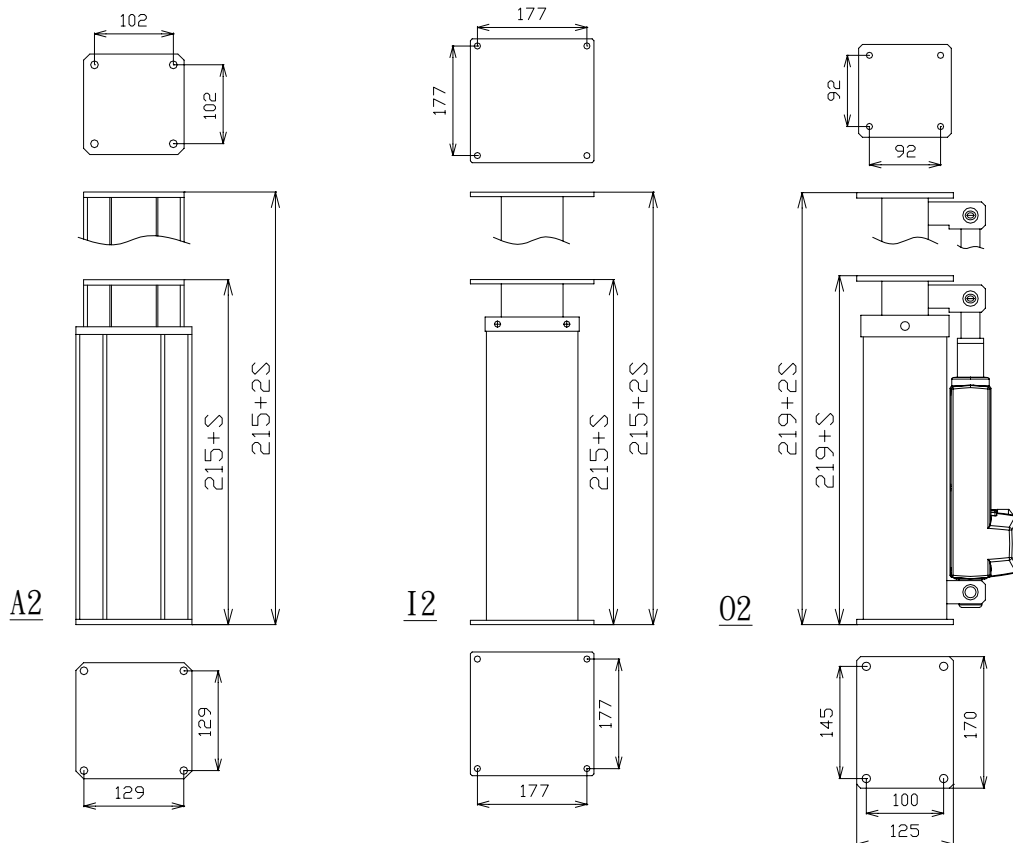
Structure

I : With actuator inside—Steel

O : With actuator outside—Steel

A : With actuator inside—Aluminum Alloy

Dimensions:



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LA38.A2 Basic Installation Dimension

Actuator Stroke mm	200	250	300
Basic Installation Dimension mm	415	465	515
Lifting Total Height mm	615	715	815

LA38.I2 Basic Installation Dimension

Actuator Stroke mm	200	250	300
Basic Installation Dimension mm	415	465	515
Lifting Total Height mm	615	715	815

LA38.O2 Basic Installation Dimension

Actuator Stroke mm	150	200
Basic Installation Dimension mm	369	419
Lifting Total Height mm	519	619

Type	Max Load-N	Speed 0/full-mm/s	Current full-A	Max Bending Force- N/m
LA38.O2-4-XXX-XXX	4000N	5.4/3.8 mm/s	2.6A	500 N/m
LA38.O2-3-XXX-XXX	6000N	4.1/3.0 mm/s	3.0A	500 N/m
LA38.I2-4-XXX-XXX	3000N	6.0/3.0 mm/s	3.5A	1000 N/m
LA38.I2-3-XXX-XXX	6000N	4.1/3.0 mm/s	4.0A	1000 N/m

Notice :

Stroke length:

There are two specifications for LA38.O2 : 200mm and 150mm.

There are three specifications for LA38.I2: 300mm, 250mm and 200mm.



LA37 is an actuator with robust spindle, unique overload device and strong motor. The actuator structure is a patent design suitable for the field of hospitals, cares, and rehabilitation. When the power is off or the motor break down, the actuator can be operated with manual crank. Besides, the installation is much easier. The manual and electrical dual operation is a feature of LA37.

Features :

- 24V DC permanent magnet motor
- Thrust from 4000N to 6000N
- Robust structure design with easy installation
- Electrical and manual dual operation
- Built-in overload structure design
- Low noise
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP31
- Color: Black
- Used with CB07-S control box

Options:

- Housing color: Gray-White (Min. Order: 1,000 pcs)
- Crank



LA37 Ordering Example :

LA37. 6- 10 - 250 - H J

TYPE OF PLUG (Notice plug on control box)
J : JACK PLUG

BACKFIXTURE DIRECTION (Direction of installation)
H : HORIZONTAL
V : VERTICAL

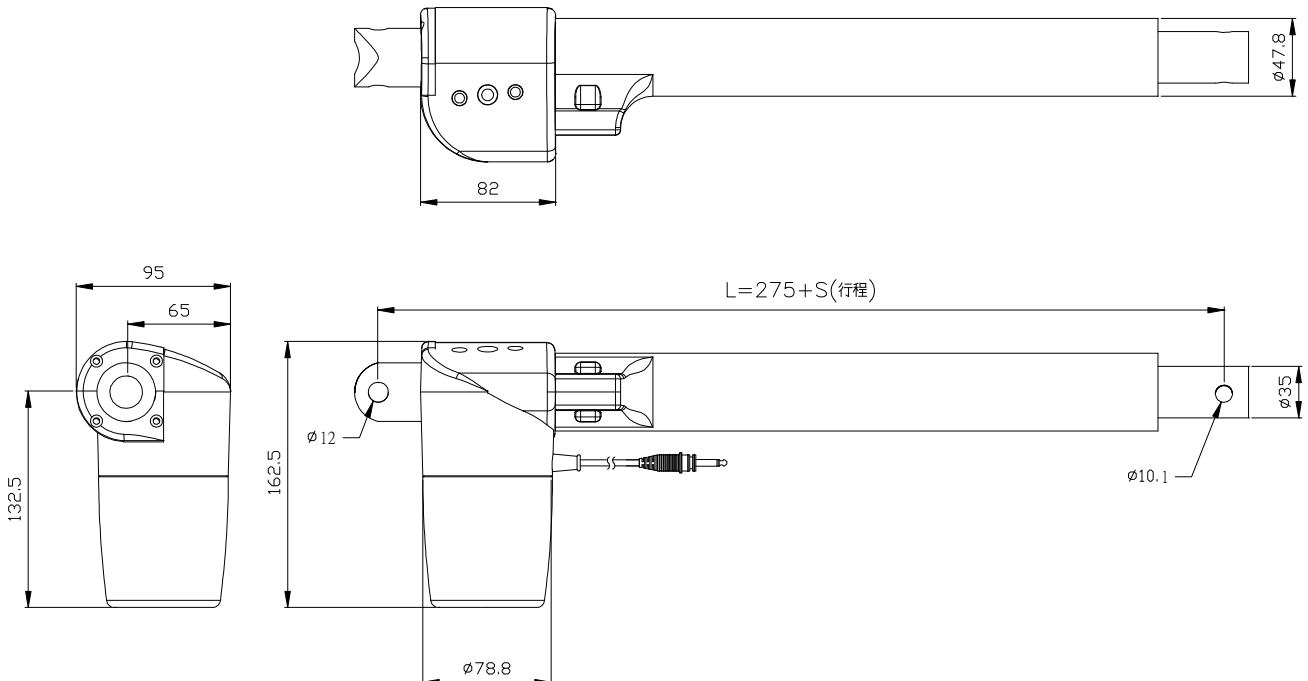
CABLE LENGTH
200 = 200cm
250 = 250cm

STROKE LENGTH
10 = 10cm
15 = 15cm
20 = 20cm
25 = 25cm
30 = 30cm

FORCE
4: 4000N
6: 6000N
8: 6000N (Quick Motor)

ACTUATOR TYPE LA37

Dimensions:



Notice :

The length (L) is the same for S=100mm & 150mm

$$L = 275 + 150 = 425\text{mm}$$

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LA37 Installation Dimension :

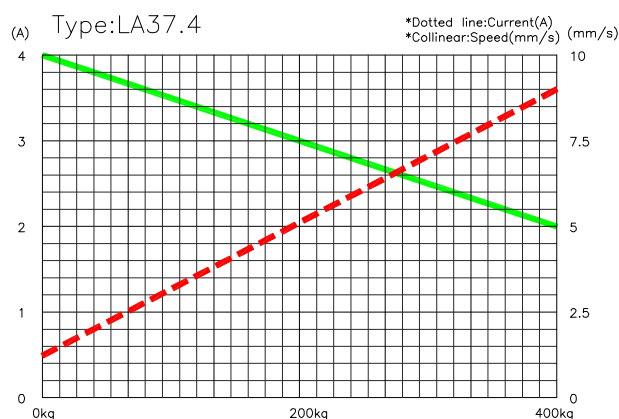
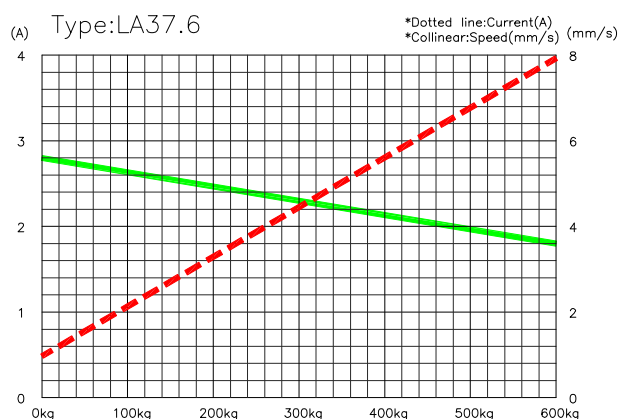
Actuator Stroke mm	100	150	200	250
Basic Installation Stroke mm	425	425	475	525
Stretch Stroke mm	525	575	675	775

Notice:

- The basic installation dimension is the same for 100mm and 150mm stroke
- Can choose manual crank for the power shortage or motor breakdown (Option)
- 4000N actuator suggested if used in back 、 leg parts of hospital beds. 6000N actuator suggested if Lifting column is used in lifting beds.
- Must used with CB07-S control box
- The overload protection device will work when actuators move upper and lower limit. Then all actions should be stopped. If operations still continue, actuator will warn users by making buzz sound.
- When the load is more than 3000N or the applications of the impact, please apply actuator to the pushing direction.

Data & Graph :

Type	Max. load 【N】		Current 【A】	Typical Speed 【mm/s】		Self Lock Max. 【N】
	Push	Pull	Full	Unload	Full Load	Push
LA37.4	4000	3000	3.6	10	5	3000
LA37.6	6000	3000	3.9	5.7	3.6	6000



(Duty Cycle: 10%)

※The data above is with DC 24V power supply. For need of data with compatible LINKAN A/C control box, please contact LINKAN A/C technical department.



LA32 is a very quiet and powerful actuator designed for a variety of applications, such as those in furniture, care or rehabilitation fields; it is available with a wide range of options and safety protections.

Features:

- 24V DC permanent magnet motor
- Thrust 1500N~6000N; Speed 3.0~16.7mm/s
- Built-in limited switches (not adjustable)
- High-strength plastic housing protects motor and gear
- Scratch-resistant and wear-resistant powder painted outer tube
- Strong wear and corrosion resistant stainless steel inner tube
- Elegant and compact design with small installation dimensions
- Steel piston rod eye
- Zinc alloy back fixture
- Duty cycle: Max. 10% or 2 min./ 18 min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black

Options:

- LA32 can be fitted with a brake for increasing self-lock effect
- Safety nut
- Protection class: IP66 (not for wash tunnels)
- Reed-Switch
- Quick-Release
- Back stretch sleeve fixture (For only Quick-Release function)
- 0.2/ 0.4m coiled cable with DIN or Jack plug
- Back fixture position 0° or 90°
- Steel groove piston rod eye
- Fast motor
- Color: Gray-White (Min. order: 1,000 pcs)
- Can install Hall Sensor function (Contact R & D department of LINKAN A/C first)



LA32 Ordering Example:

LA32. 4 B M R Q - 15 - 100 - B H D

TYPE OF PLUG (Notice plug on the control box)

D : DIN

J : JACK

E : 3P JACK FOR CB24

X : WITHOUT PLUG

BACKFIXTURE DIRECTION

(The direction of actuator installation)

H : HORIZONTAL

V : VERTICAL

TYPE OF MOTOR

B : STANDARD

S : FAST

(The raising of motor power makes actuators more fast and powerful. But the working cycle becomes small)

COLOR

- : Black

+ : Gray-white

CABLE LENGTH

100 = 100cm

150 = 150cm

200 = 200cm

STROKE LENGTH

10 = 10cm

15 = 15cm

20 = 20cm

25 = 25cm

30 = 30cm

QUICK RELEASE Q

(Only used with 5mm pitch screw. Q is for CPR function and can makes beds return to original position quickly by manual operation)

REED SWITCH

R : As the worm wheel gear rotate one cycle, Reed Switch will send out 8 signals (pulses). Thus, control box can read signals to operate memory and parallel control.

H : Unipolar Hall Sensor

T : Bipolar Hall Sensor

SAFETY NUT M : (Only used with 4mm pitch spindle and for avoiding main nut on the spindle breaking down and then bed sliding down suddenly)

BRAKE B:

(Raise self-lock power to prevent the sliding of fixed beds.)

SPINDLE PITCH

3 : 3.0 mm (Small pitch, power: large, speed: slow)

4 : 4.0 mm

5 : 5.0 mm

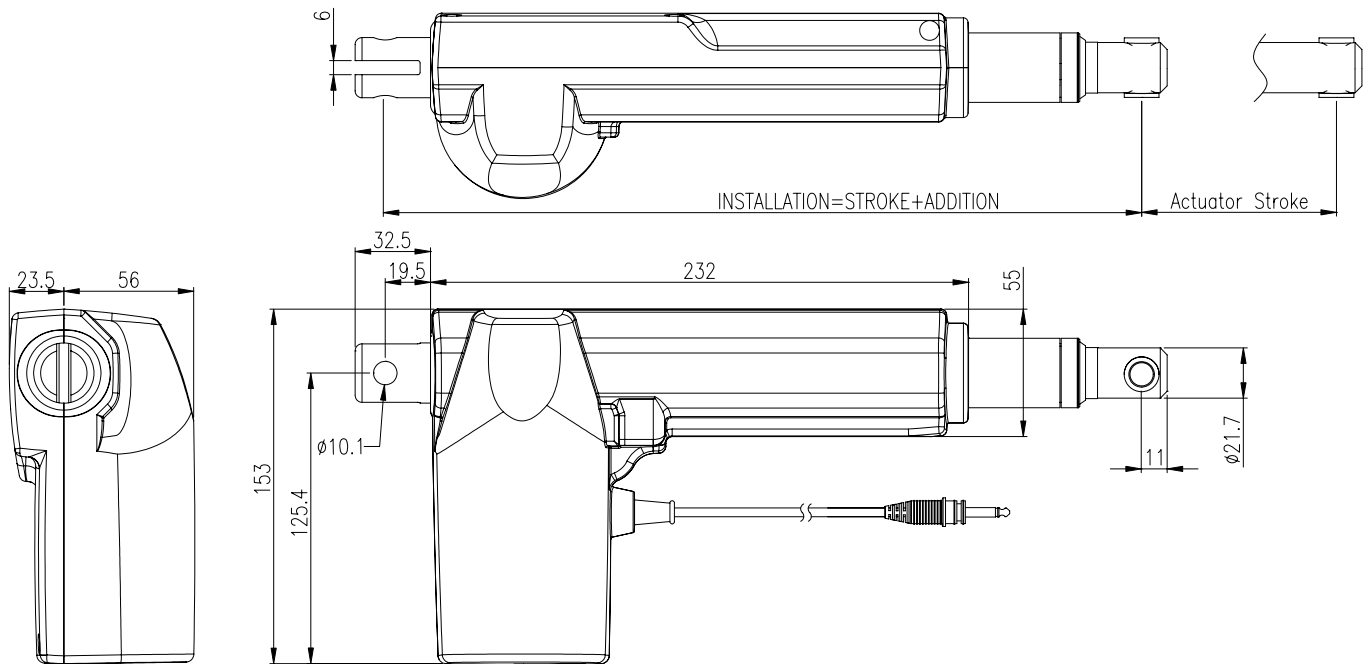
9 : 9.0 mm (Large pitch, power: small, speed: fast)

ACTUATOR TYPE LA32-BASIC

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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2008/9/16

Dimensions:



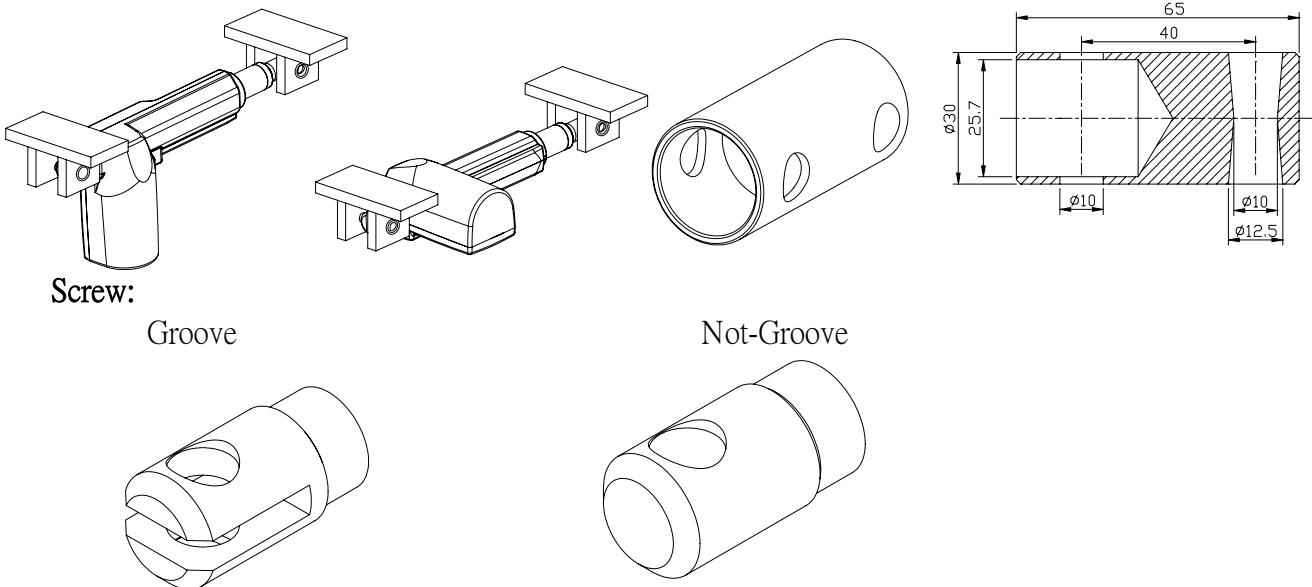
Back direction: (Direction of installation)

Option for Quick Release accessory

V type (Vertical install)

H type (Horizontal install)

(Back stretch sleeve fixture)



Screw:

Groove

Not-Groove

Basic Installation Dimension :

Actuator Stroke mm	100	150	200	250	300
Basic Installation Stroke mm	288	323	373	423	473
Stretch Stroke mm	388	473	573	673	773

Installation Dimension for Q function :

Actuator Stroke mm	100	150	200
Basic Installation Stroke mm	377	427	477
Stretch Stroke mm	477	577	677

Notice (Installation):

- ★ If the stroke of LA32 is less than 100mm, all basic installation dimension are 288mm
- ★ When the load is over 4000N, the longest stroke of a actuator is 250mm
- ★ For a actuator equipped with Q function, basic installation dimension is Stroke + 277mm

Notice (for the installation of Q function)

- ★ The effective stroke length for Quick Release is:
Standard stroke length minus 10 mm
E.g. Actuator with quick release is equipped with 150mm stroke length. The effective stroke length for this type is ≤ 140 mm
- ★ When LA32 actuator equip Quick Release function, spindle need to be 5mm pitch. The needed released power of actuator is 35 kgs.
- ★ LA32 is not suitable for the pulling device. Suggestion: Actuator is suitable for the load in pushing situations.
- ★ Back stretch sleeve fixture is suggested for Quick Release function

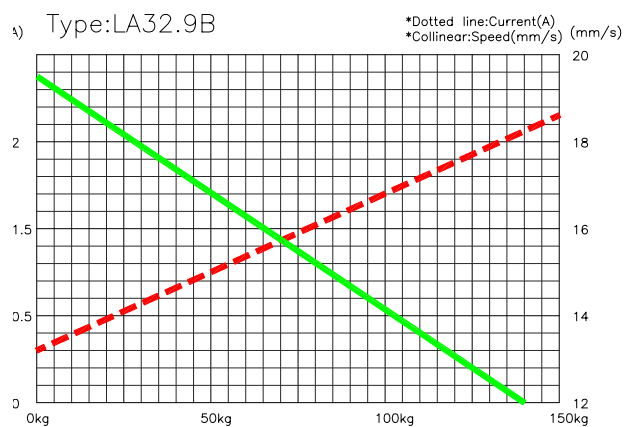
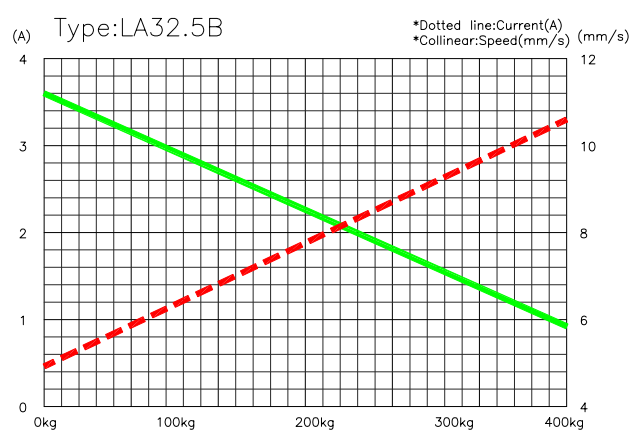
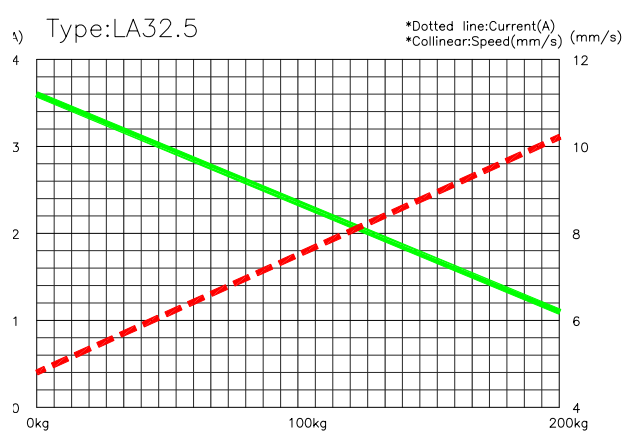
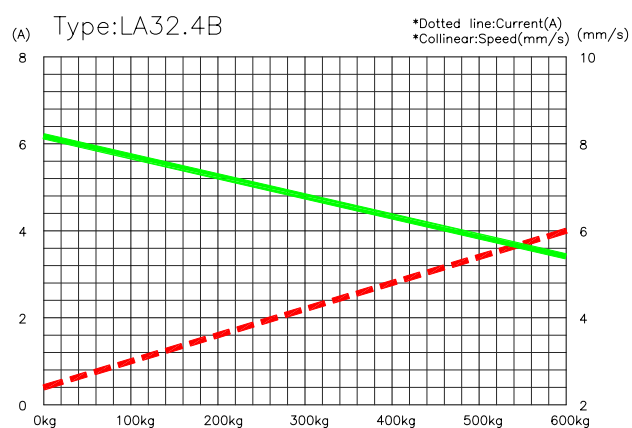
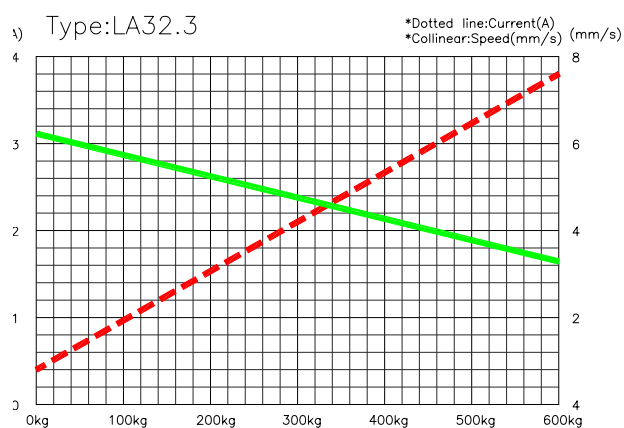
Data & Graph:

Power Supply: DC24V

Spindle type	Spindle Pitch (mm)	Max load 【N】		Typical Amp.	Typical speed 【mm/s】		Selflock Max 【N】
		Push	Pull	Full load	Unloaded	Full load	Push
Standard 24V motor (Duty Cycle : 10%)							
LA32.3	3	6000	4000	3.8A	6.4	3.3	6000
LA32.4B	4	6000	4000	4.0A	8.3	5.5	6000
LA32.5	5	4000	4000	3.1A	11.3	6.2	2000
LA32.5Q	5	4000	2000	3.1A	11.2	6.2	2000
LA32.5B	5	4000	4000	3.3A	11.2	5.8	4000
LA32.9B	9	1500	1500	2.3A	19.5	11	1500
Fast 24V motor (Duty Cycle : 5%)							
LA32.3	3	6000	4000	4.0A	8.4	5.1	6000
LA32.4B	4	6000	4000	5.0A	10.7	5.6	6000
LA32.5	5	4000	4000	3.8A	14.0	7.9	2000
LA32.5B	5	4000	4000	4.0A	14.0	7.8	4000
LA32.9B	9	1500	1500	2.8A	26.8	14.3	1500

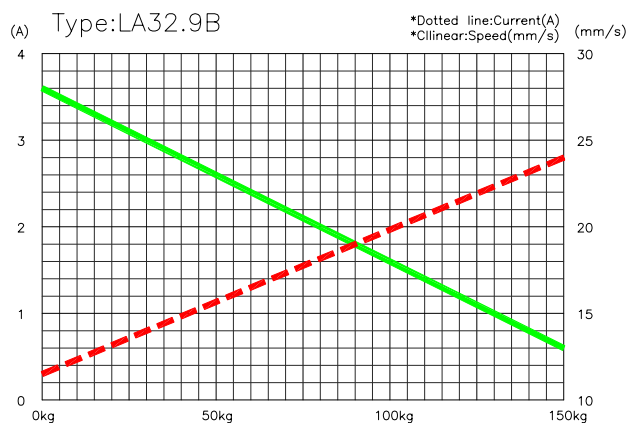
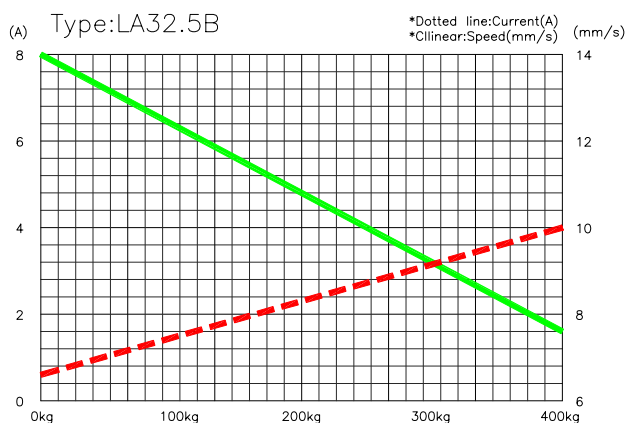
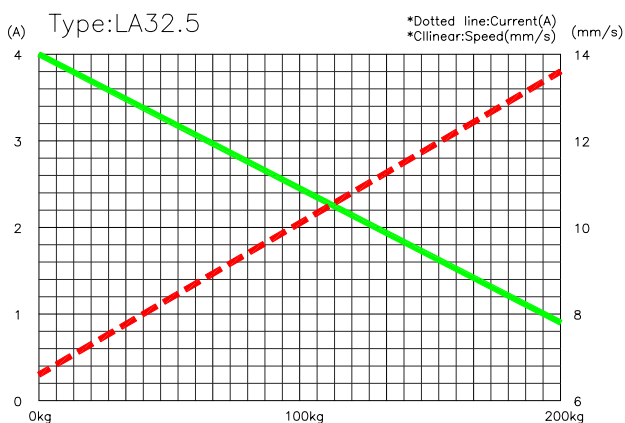
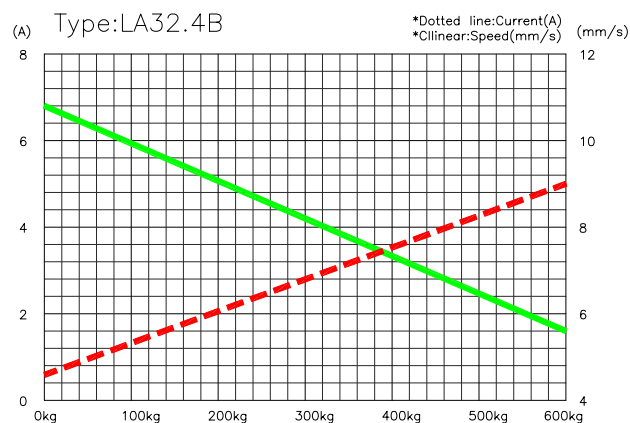
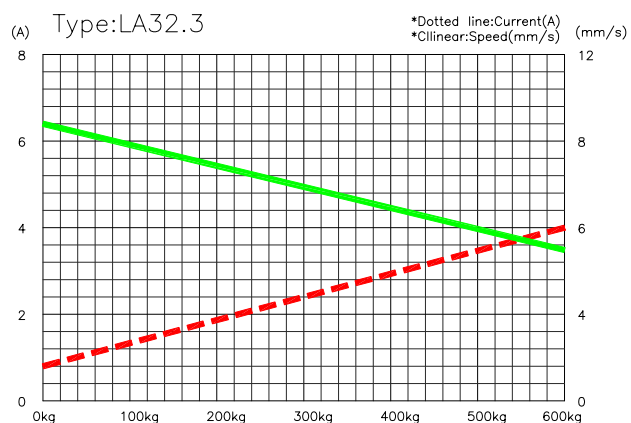
※The data above is with DC24V power supply. If you need the data with compatible control boxes, please contact LINKAN technical department.

Standard 24V motor :



Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

Fast 24V motor :



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3-7 LA30



LA30 can be used in various home living beds. Its easy installation and simple structure create enjoyments for the living with comfortable sleeping environment.

Features:

- Simple external structure and easy installation
- Low noise
- Solid structure and durable feature
- Main power voltage: AC 220-240V 50Hz ; AC100-120V 60Hz
- Duty cycle max. 10% or 6 min. rest per hour in continuous use
- Ambient temperature: +5°C to +40°C
- Standard protection level: IP20
- Low electricity consumption, high thrust 4000NX2
- Special safety button for sliding
- Color: Black

Options:

- Can add one-axis or two-axes additional actuators for elevating or tilting of bed
- Can use 9V alkaline battery as spares when there are shortage of interior electricity, but only work for downward movements
- Can combine with LA33 (Max. 2 pcs) for elevating and tilting of bed



CB30 Ordering Example:

LA30. 0 - 84 - 64 - 2UL - 22

Mains Voltage (Power voltage input)

12 = 120V

22 = 220V

Cables

2EU : 2P , straight , EU cable

2JP : 2P , straight , JP cable

2UL : 2P , straight , UL cable

2AUS : 2P , straight , AUS cable

2IN : 2P , straight , IN cable

Leg stroke (Start Point , Stroke)

58 : 0 , 58 mm

64 : 0 , 64 mm

76 : 0 , 76 mm

84 : 0 , 84 mm

96 : 0 , 96 mm

Back stroke(Start Point , Stroke)

48 : 10 , 48 mm

54 : 10 , 54 mm

58 : 0 , 58 mm

64 : 0 , 64 mm

68 : 10 , 68 mm

74 : 10 , 74 mm

78 : 0 , 78 mm

84 : 0 , 84 mm

92 : 10 , 92 mm

96 : 0 , 96 mm

Additional actuator(The selection of funtions of addition acutator)

0 : no additional actuator

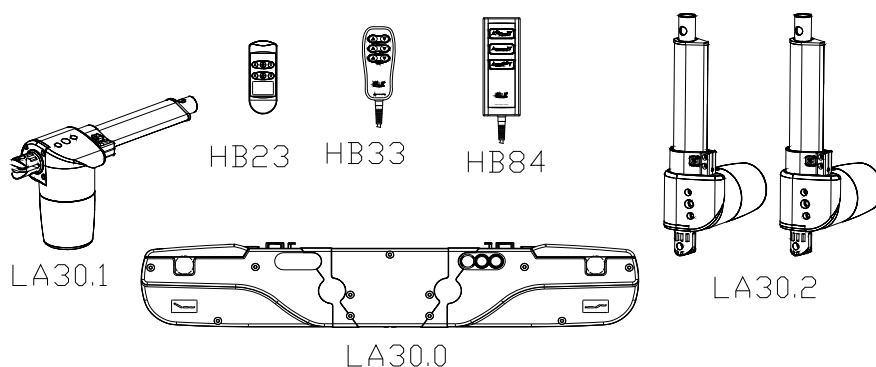
1 : 1 additional actuator (LA33)

2 : 2 additional actuators (LA33)

Actuator type LA30

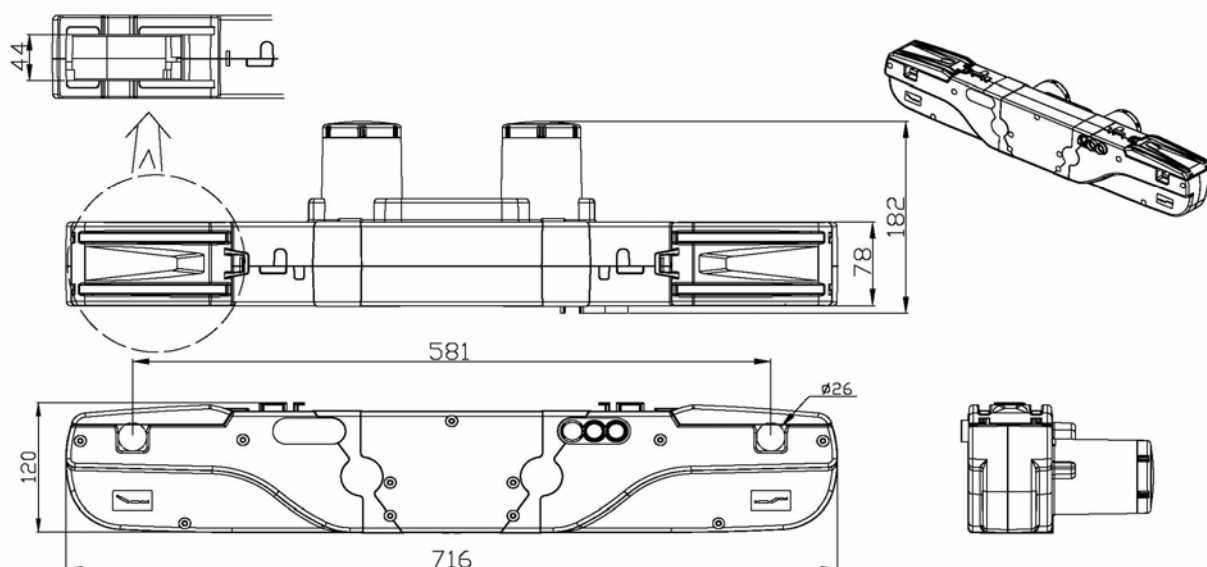
LA30 Feature and Its Combination

Handset	HB23	HB33	HB84
Actuator			
LA30.0	⊙		
LA30.1		⊙	
LA30.2			⊙

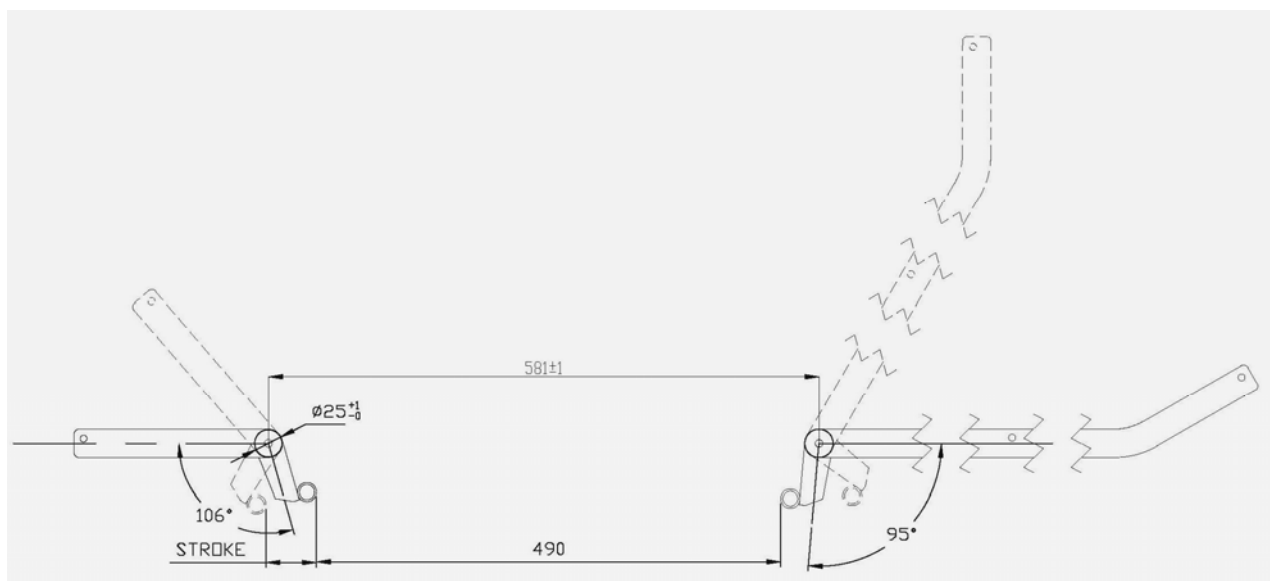


Drawing dimension :

LA30



Bed Frame Dimension :

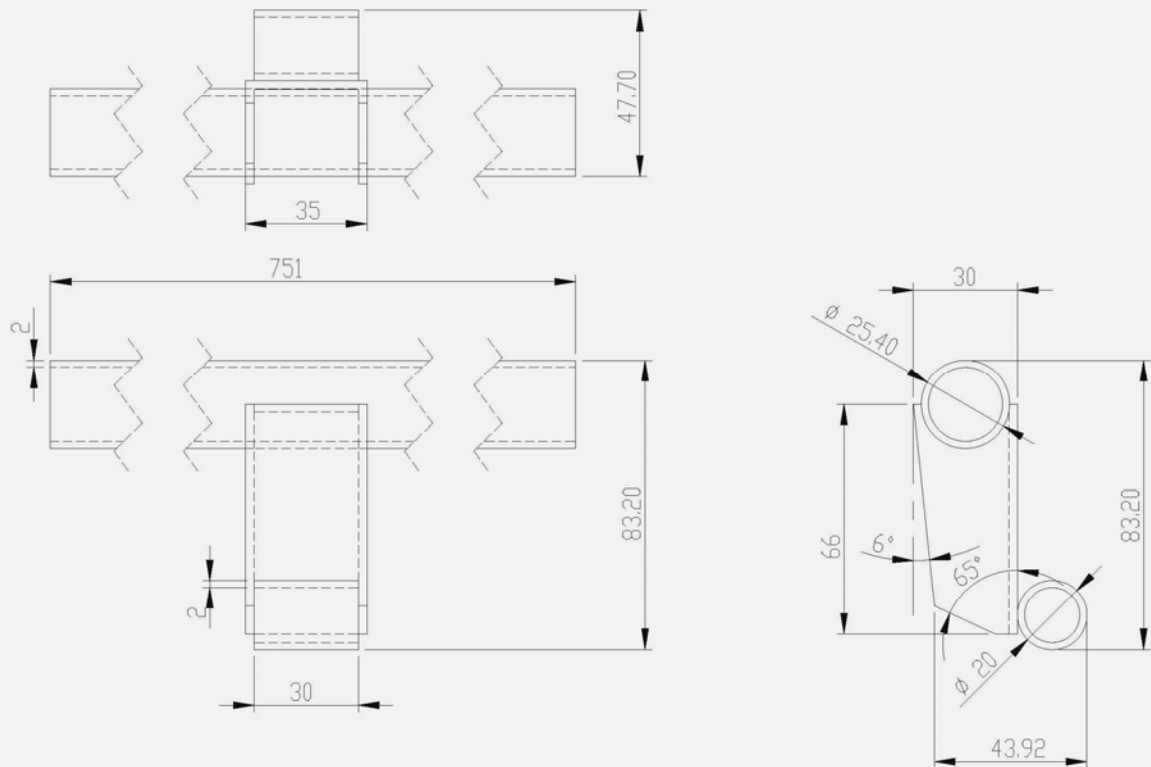


Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

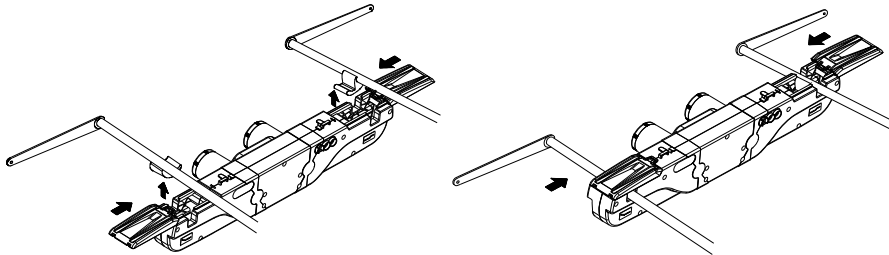
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11/2/2009

Swing Arm :



Installation Instruction :





LA35 has strong housing and special outer shape with strong structure. It has complete functions and can be used in high-loaded environment. For example, dental chairs, hospital beds, sport equipment, etc.. Its applications can be widely used.

Feature :

- 24V permanent magnet motor
- Thrust 4000N~8000N
- Built-in end stop signal switches (not adjustable)
- Stroke length : 10cm 、 15cm 、 20cm
- The outside tunnel is aluminum material; inside tunnel is stainless material with low friction and high quality.
- Elegant and compact design; small installation dimension
- Duty cycle: Max. 10% or 2 min./ 18min. in continuous use
- Ambient temperature: +5°C to +40°C
- Color : Black

Option :

- Back fixture position 0° or 90° and can choose strong-type solid tailstock
- Reed switch can combine CB05 、 CB24 、 CB28
- Rod eye can be groove
- Protection level : IP66
- Can install Hall Sensor function (Contact R & D department of LINKAN A/C first)

LA35 Ordering Example :

LA35. 3 M R - 10 - 100 - R H D

Plug (Select plug that fit with control box)

D : DIN (Standard)

J : Jack

X : Without Plug

Back Fixture Direction (Direction Installation of actuators)

H : Horizontal

V : Vertical

A : Horizontal + Solid (800Kg)

B : Vertical + Solid (800kg)

C : Horizontal + Metal(800Kg)

D : Vertical + Metal (800kg)

Rod Eye Direction

R : Groove

S : Standard

Cable Length

100 = 100cm

150 = 150cm

200 = 200cm

Stroke

10 = 10cm

15 = 15cm

20 = 20cm

Reed Switch

R: As the worm wheel gear rotate one cycle, Read Switch sends out 4 signals (pulses). R can let control box to read signal and run memorizing and positioning control

H : Unipolar Hall Sensor

T : Bipolar Hall Sensor

Safety Nut M (Can avoid that screw on the spindle break down and then do downward movement safely)

Pitch

(only for LA35.3 , not LA35.6))

3 : 3 mm (Large thrust type)

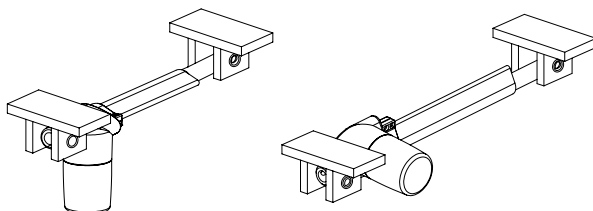
6 : 6 mm (Fast type)

Actuator LA35 Standard type

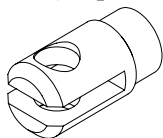
Back Fixture Direction (The direction of Actuator installation) :

V type (Vertical install)

H type (Horizontal install)



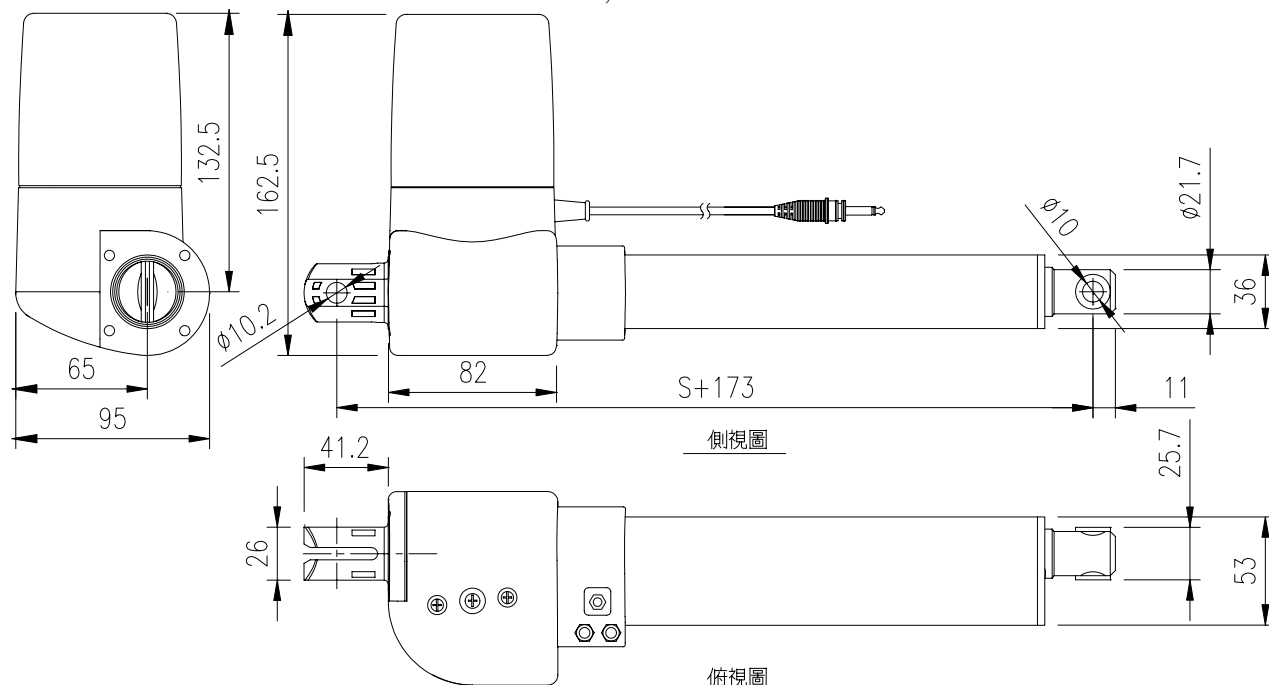
Rod Eye Type: (Front Install Head) Option of additional accessory " R " is "Groove" type



Dimension :

Installation Dimensions :

If LA35 stroke > 100mm, basic installation dimension is S + 173 mm



LA35 Installation Dimension

Actuator Stroke mm	100	150	200
Basic Installation Stroke mm	288	323	373
Stretch Stroke mm	388	473	573

※200mm above stroke need to discuss with technical department of LINKAN A/S

Data & Graph:

Spindle type	Spindle Pitch (mm)	Max Load 【N】		Amp. Full Load	Speed 【mm/s】		Max. Self lock 【N】	Voltage
		Push	Pull		Unloaded	Full load	Push	
LA35.3	3	8000	4000	4.8A	4.5	3	8000	DC24V
LA35.3	3	8000	4000	4.8A	6	4.5	8000	DC30V
LA35.6	6	4000	4000	4.6A	9.3	5.7	4000	DC24V
LA35.6	6	4000	4000	4.6A	12	8	4000	DC30V

(Duty cycle : 10%)

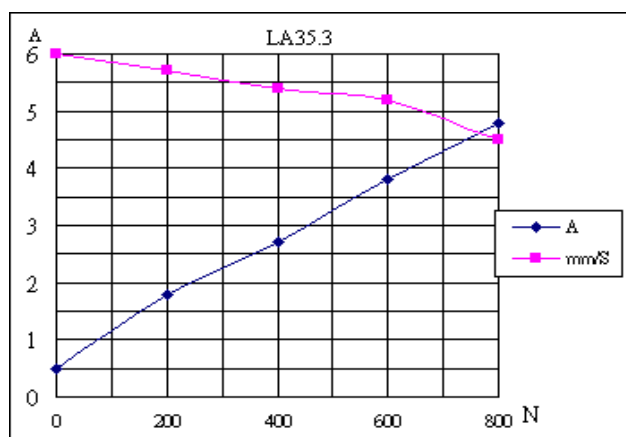
※ The data above is based on the test of the power supply. If you need the data with compatible control boxes, please contact LINKAN A/C technical department.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

POWRE SUPPLY DC33V

LA35.3

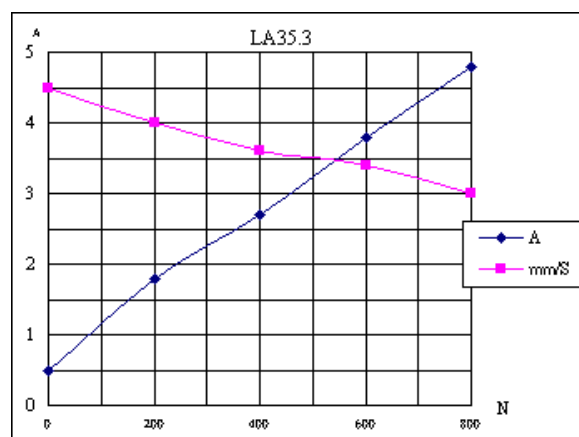
LOAD(kg)	A	SPEED(mm/s)
0	0.5	6
200	1.8	5.7
400	2.7	5.4
600	3.8	5.2
800	4.8	4.5



POWRE SUPPLY DC24V

LA35.3

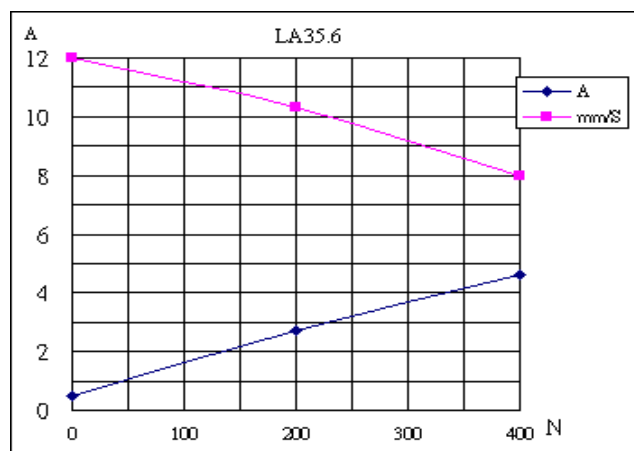
LOAD(kg)	A	SPEED(mm/s)
0	0.5	4.5
200	1.8	4
400	2.7	3.6
600	3.8	3.4
800	4.8	3



POWRE SUPPLY DC33V

LA35.6

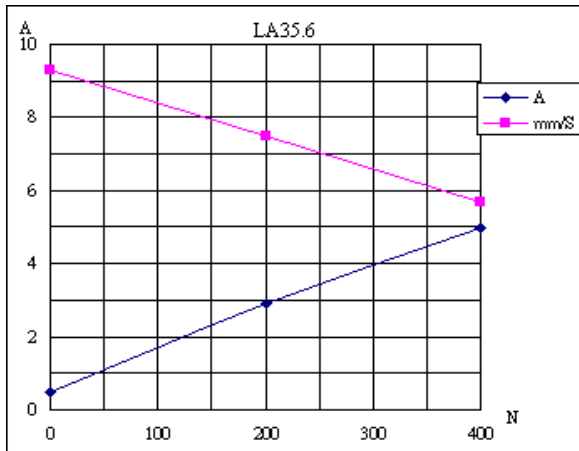
LOAD(kg)	A	SPEED(mm/s)
0	0.5	12
200	2.7	10.3
400	4.6	8



POWRE SUPPLY DC24V

LA35.6

LOAD(kg)	A	SPEED(mm/s)
0	0.5	9.3
200	2.9	7.5
400	5	5.7



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LA39 is a quiet, handy, speedy and yet powerful Actuator, design in variety applications. Such as those in furniture, care and rehabilitations fields; it is available with a wide range of options and safety protections.

Features:

- 24V DC permanent magnet motor
- Thrust 1000N~4500N, Typical Speed 5.0~30.0mm/s
- High-Strength Plastic housing protects motor and gear
- Strong wear and corrosion resistant stainless steel inner tube
- Elegant and compact design with small installation dimensions.
- Steel piston rod eye
- Duty Cycle: Max. 10% or 2 min. / 18min. in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black

Options:

- Protection class: IP66(not for wash tunnels)
- 0.2/0.4m coiled cable with DIN or Jack plug
- Back fixture position 0° or 90°
- Steel groove piston rod eye
- Can Install overload protection circuit inside

LA39 Ordering Example:

LA39. 4 A - 15 - 100 - B H D

TYPE OF PLUG (Notice plug on the control box)

- D : Din
- J : Jack
- X : Without Plug

BACK FIXTURE DIRECTION

(The direction of actuator installation)

- H : Horizontal (Min Oder 100 pcs)
- V : Vertical

TYPE OF MOTOR

- B : Standard (max force 250Kg)
 - S : Strong (max for 450Kg)
- (It only can collocate CB16)

COLOR

- : Black
- + : Gray-white

CABLE LENGTH

- 100 = 100cm
- 150 = 150cm
- 200 = 200cm

STROKE LENGTH

- 10 = 10cm
- 15 = 15cm
- 20 = 20cm
- 25 = 25cm
- 30 = 30cm

LIMIT CONTROL DEVICE

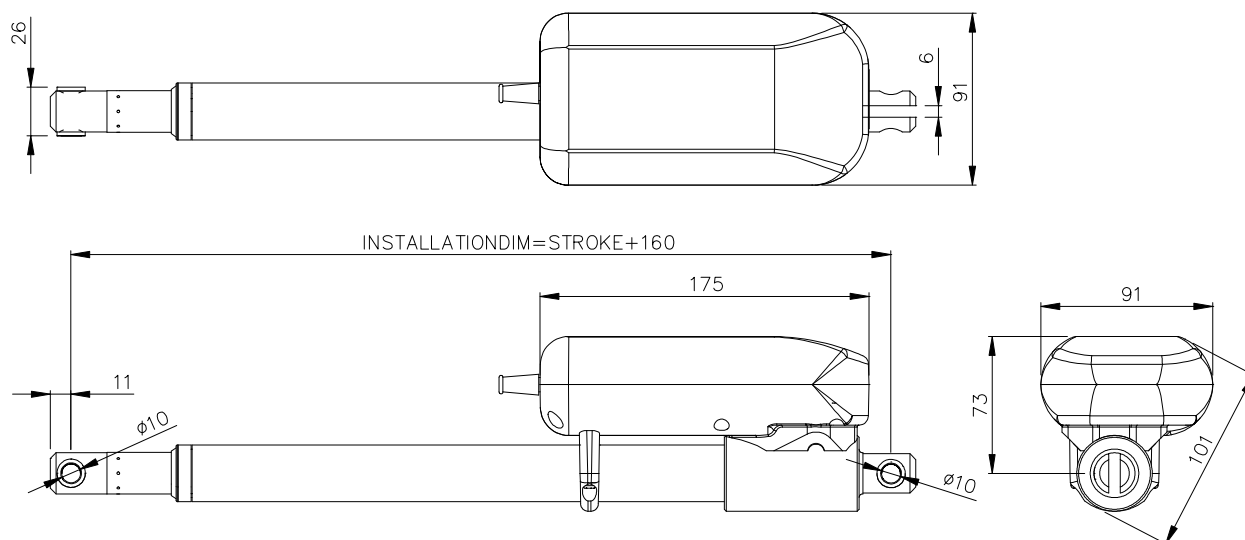
- A : Standard Form
- B : Contain Overload
- C : Contain Overload and Relay

SPINDLE PITCH (The thread revolves the distance)

- 4 : 4.0 mm ※(Small pitch, power: large, speed: slow)
- 9 : 9.0 mm ※(Large pitch, power: small, speed: fast)

ACTUATOR TYPE LA39- BASIC

Dimensions:



Basic Installation Dimension :

Actuator Stroke mm	100	150	200	250	300
Basic Installation Stroke mm	260	310	360	410	460
Stretch Stroke mm	360	460	560	660	760

Notice (Installation):

★ If the stroke of LA39 is less than 100mm, all basic installation dimension are 288mm

LA39 Data & Graph:

Spindle type	Spindle Pitch (mm)	Max load 【N】		Typical Amp.	Typical speed 【mm/s】		Selflock Max 【N】
		Push	Pull	Full load	Unloaded	Full load	Push
Standard 24V motor (Duty Cycle : 10%)							
LA39.4	4	3000	3000	3.3A	11.7	6.97	3000
LA39.9	9	1000	1000	2.6A	28.34	22.675	1000

※The data above is with DC24V power supply. If you need the data with compatible control boxes, please contact LINKAN A/C technical department.

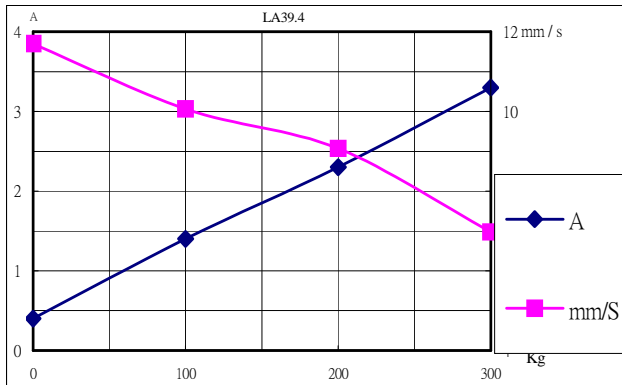
Spindle type	Spindle Pitch (mm)	Max load 【N】		Typical Amp.	Typical speed 【mm/s】		Selflock Max 【N】
		Push	Pull	Full load	Unloaded	Full load	Push
Strong motor (Duty Cycle : 10%)							
LA39.4	4	3000	3000	3.3A	14.51	10.78	3000
LA39.9	9	1000	1000	2.6A	40.352	30.2	1000

※The data above is with DC30V power supply. If you need the data with compatible control boxes, please contact LINKAN A/C technical department.

STROKE 4MM SCREW DC24V

LA39.4

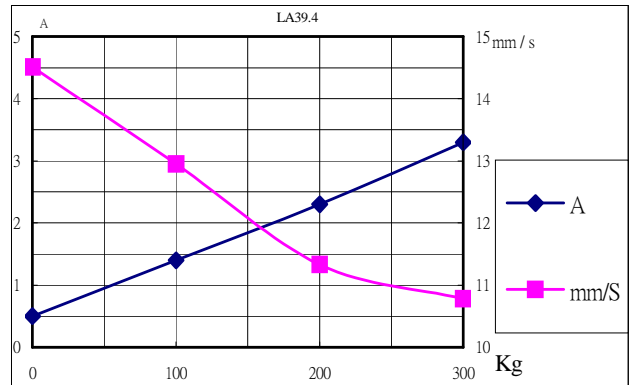
LOAD(kg)	A	SPEED(mm/s)
0	0.4	11.7
100	1.4	10.06
200	2.3	9.07
300	3.3	6.97



STROKE 4MM SCREW DC30V

LA39.4

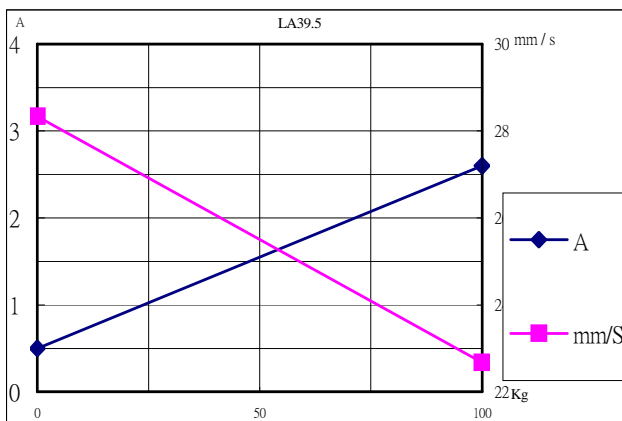
LOAD(kg)	A	SPEED(mm/s)
0	0.5	14.51
100	1.4	12.95
200	2.3	11.33
300	3.3	10.78



STROKE 9MM SCREW DC24V

LA39.9

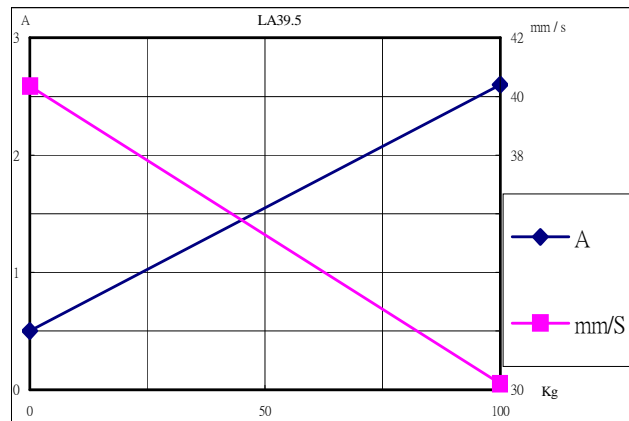
LOAD(kg)	A	SPEED(mm/s)
0	0.5	28.34
100	2.6	22.675



STROKE 9MM SCREW DC30V

LA39.9

LOAD(kg)	A	SPEED(mm/s)
0	0.5	40.352
100	2.6	30.2

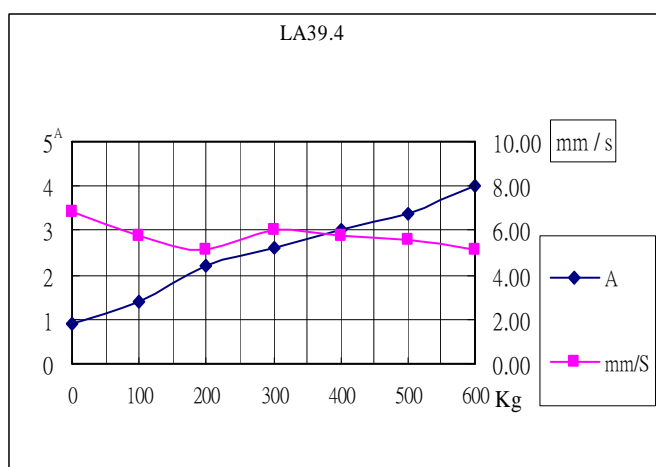


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DIATANCE 150MM SCREW With CB16

LA39.4 加強型

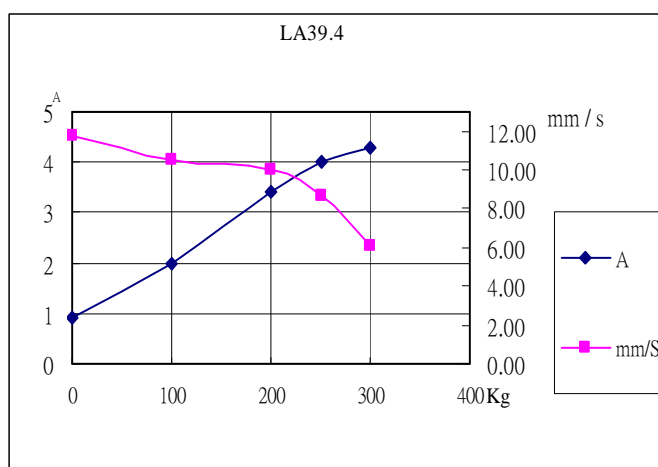
LOAD(kg)	A	SPEED(mm/s)
0	0.9	6.82
100	1.4	5.77
200	2.2	5.17
300	2.6	6.00
400	3	5.77
500	3.4	5.55
600	4	5.17



DIATANCE 150MM SCREW With CB16

LA39.4 標準型

LOAD(kg)	A	SPEED(mm/s)
0	0.9	11.76
100	2	10.52
200	3.4	10.00
250	4	8.70
300	4.3	6.60



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CB02 can operate up to 3 actuators. The simple compact and elegant design makes the control box ideal for use in beds, chairs, tables and other applications; it has remote control function and the competitive price.

Features:

- Connecting up to 3 actuators. Actuator type: LA31, LA32, LA33 (with Jack Plug)
- Compatible with HB8X, HB3X, FS, FLS series
- Elegant design
- Power indicator light
- Mains voltage: 220-240/ 100-120V AC; 50-60HZ
- Output voltage: 24V DC
- 8 PIN DIN-plug for handset
- 1.8m straight cable
- Duty cycle: Max. 5% or 3 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP51
- Color: black
- Remote control

Options:

- Protection class: IP66
- Color: Gray-White (Min. order 1,000pcs)
- It can choose Overload function

CB02 Ordering Example:

CB02 S. 3 - 2EU - 22

MAINS VOLTAGE (Input Mains Voltage)

10 = 100V

12 = 120V

22 = 220V

COLOR

- : Black

+ : Gray-white

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2UK : 2P, STRAIGHT, UK CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

2IN : 2P, STRAIGHT, IN CABLE

NO. OF CHANNELS (The No. of Actuator)

1 : 1 CHANNEL

2 : 2 CHANNELS

3 : 3 CHANNELS

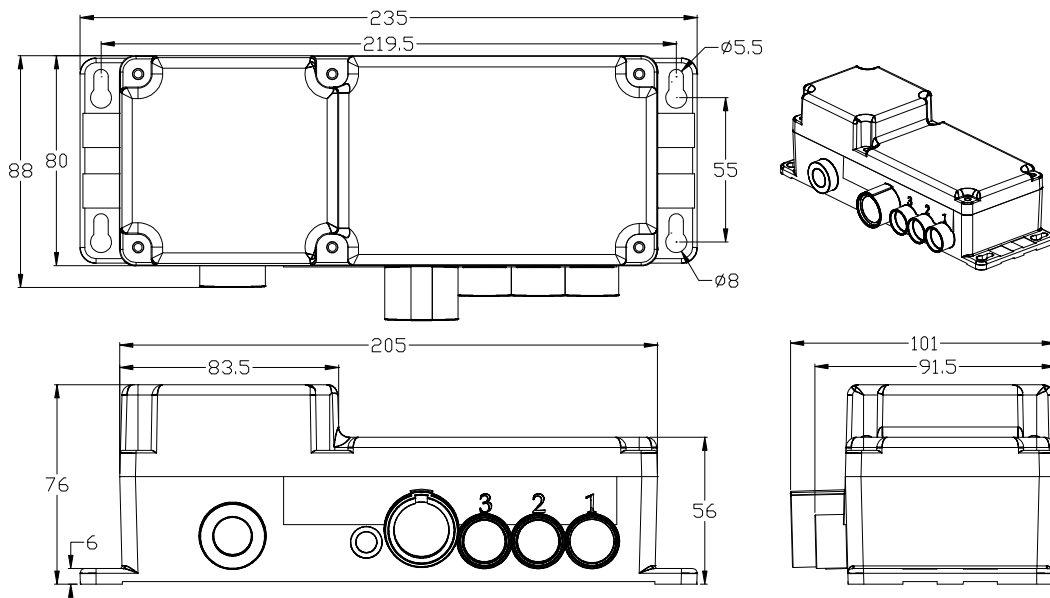
FUNCTION

S : STANDARD

CONTROL BOX TYPE CB02-STANDARD

Dimensions:

(Plugs on CB02 are Jack Plug)



Notice:

- ★ CB02 only can control Max. 2 actuators when using HB63R & S remote control function. Ex. CB02S..2-2EU-22
- ★ CB02 has to be used with actuators with Jack Plug.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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CB03

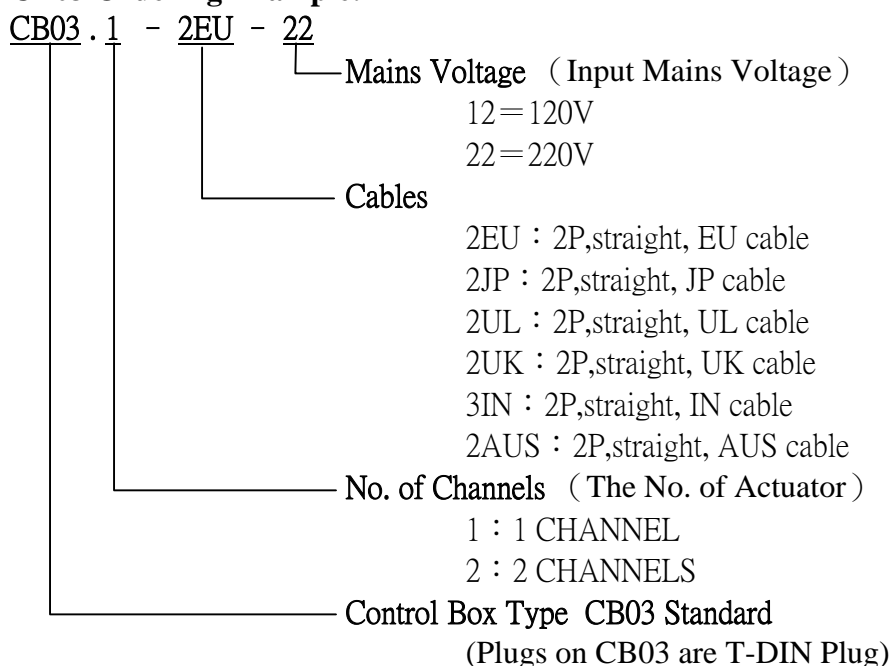


CB03 can operate up to 2 actuators. The simple compact and elegant design makes the control box ideal for use in beds, chairs, tables and other applications and has competitive price.

Features:

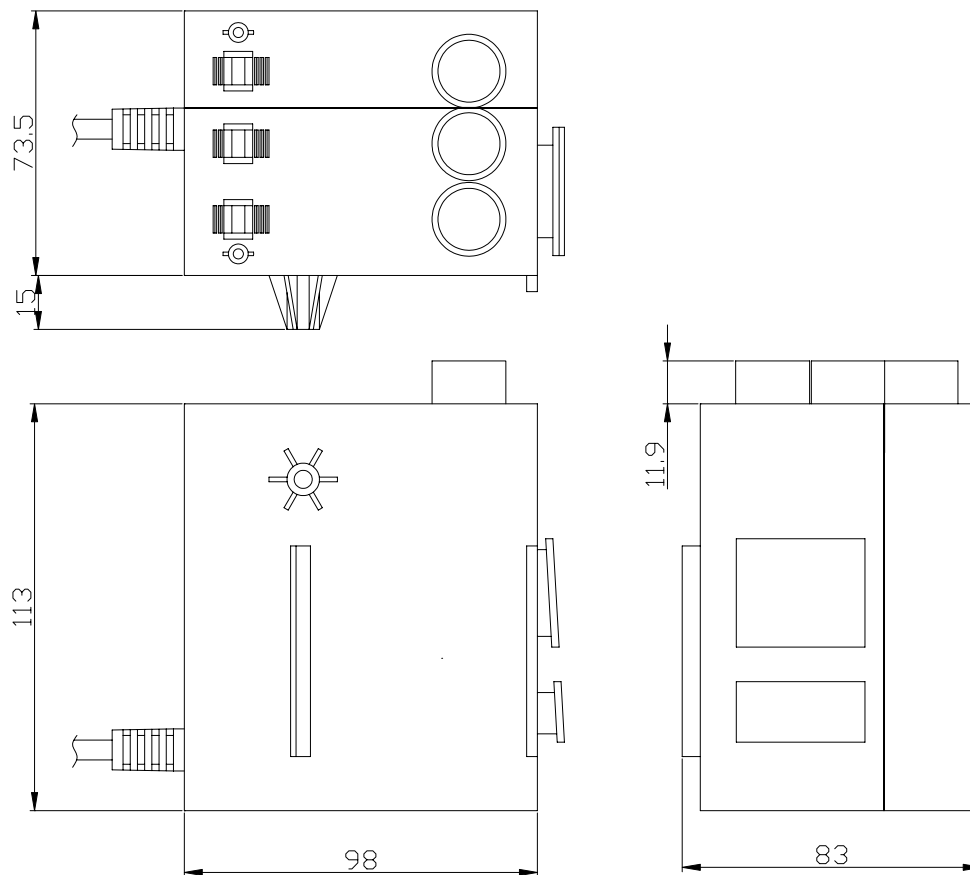
- Connecting up to 2 actuators. (with T-DIN Plug)
- Compatible with HB4X, HS series
- Elegant design
- Power indicator light
- Mains voltage: 220-240/ 100-120V AC; 50-60HZ
- Output voltage: 24V DC
- 8 PIN DIN-plug for handset
- 1.8m straight cable
- Duty cycle: Max. 5% or 3 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP51
- Color: black

CB03 Ordering Example:



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Dimensions:



Notice:

- ★ CB03 only can control Max. 2 actuators and compatible only to HB4X and HS
- ★ CB03 has to be used with actuators with T-DIN Plug.

CB01



CB01 series is a very simple control box, it's major function is to provide power supply to the actuators. Its compact size doesn't occupy spaces. CB01 could also be matched by HS41, HS foot switch, series of handset to control the actuator.

Features:

- Compact size does not occupy the space
- The power line plug and length, may depend on the specification to make the replacement choice
- But external connection single axle manually controlled
- Power indicator light
- Main voltage: AC 100-240 / 1500mA 50/60HZ
- Output voltage: 29V DC
- Duty cycle: Max. 5% or 3 min./ 1 hour of continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP51

CB01 Ordering Example:

CB01 . 1 - 2EU - 400 - D

Electrical machinery plug pattern

D : 4P DIN PLUG

J : JACK PLUG

T : T-DIN PLUG

Power line length

50 : 50mm

400 : 4000mm

COLOR

- : Black

+ : Gray-white

Cables

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2UK : 2P, STRAIGHT, UK CABLE

3IN : 2P, STRAIGHT, IN CABLE

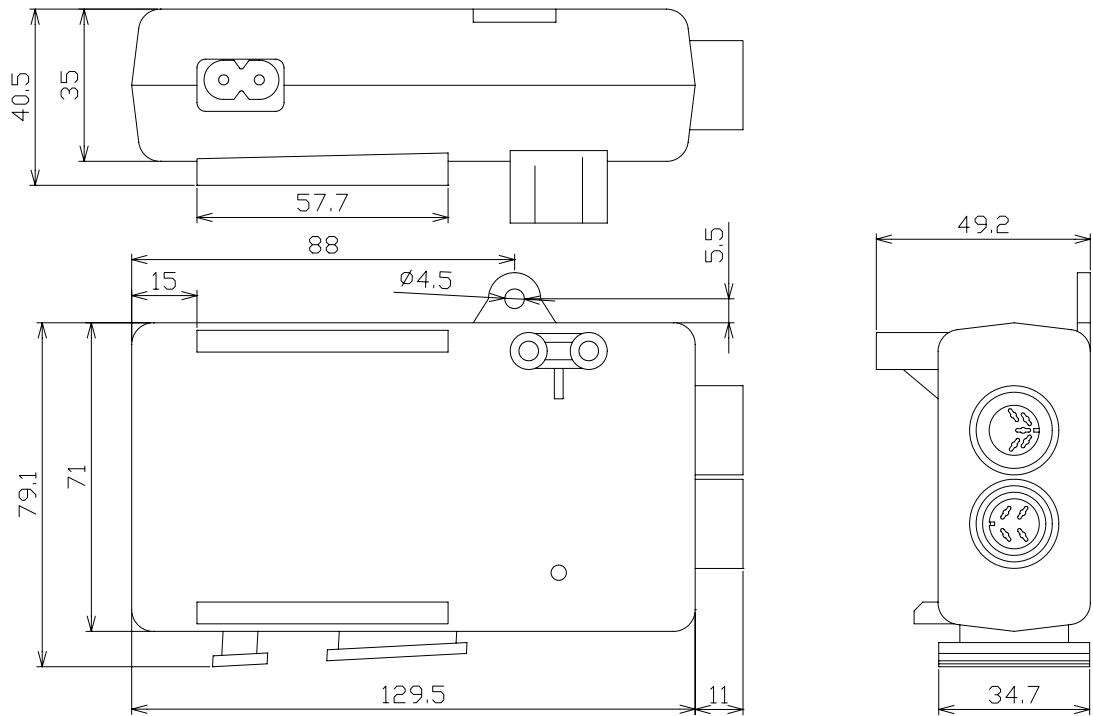
2AUS : 2P, STRAIGHT, AUS CABLE

No. of Channels (The No. of Actuator)

1 : 1 CHANNEL

2 : 2 CHANNELS

Dimensions:



Notice:

★ CB01 can only control 1 actuator.



CB18 is a multi-function control box that can connect up to 5 actuators. Most design for the operation bed, ICU bed and multi-function bed etc. The special design for power display, the lock and return function is the standard equipment makes it ideal for medical instruments applications.

Features:

- Max. for 5 actuators. Actuator type: LA31, LA32, LA33 (with Jack Plug)
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- Dual output voltage (Low load: Low voltage; High load: High voltage)
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- DIN socket for handset HB5M
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black
- Can be mounted with BA16
- The Battery has a Warning for low Voltage
- The return and lock function
- Handset insert improperly or loose with warning buzzer

Options:

- Battery back-up: battery sets (BA16)
- Class 1: earth connection
- Mains fuse can be replaced from the out-side
- Protection class: IP66

CB18 Ordering Example:

CB18. 3 E F - C02 - 2UL - 22 B

BATTERY CHARGER

B : BATTERY CHARGER

T : TRANSFORMER

MAIN VOLTAGE (Input mains voltage)

10 = 100V

12 = 120V

22 = 220V

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

3EU : 3P, STRAIGHT, EU CABLE

3UL : 3P, STRAIGHT, UL CABLE

3UK : 3P, STRAIGHT, UK CABLE

3AUS : 3P, STRAIGHT, AUS CABLE

3IN : 3P, STRAIGHT, IN CABLE

MATCH HB5M HANDSET OPTION

C1: Match HB55-C1 handset

(For four actuators with function of simultaneous movement and trendelenburg function)

C02: Match HB55-C02 handset three actuators

(back and leg with function of simultaneous movement)

C0: Match HB56-C0 handset five actuators signal action function(up and dn/ trendelenburg /back/tilt/move/ return;lock)

MAINS FUSE F

EARTH CONNECTION E

NO. OF CHANNELS

3 : 3 CHANNELS

4 : 4 CHANNELS

5 : 5 CHANNELS

CONTROL BOX TYPE CB18-STANDARD

(Plugs on CB18 are Jack Plug)

Dimensions:

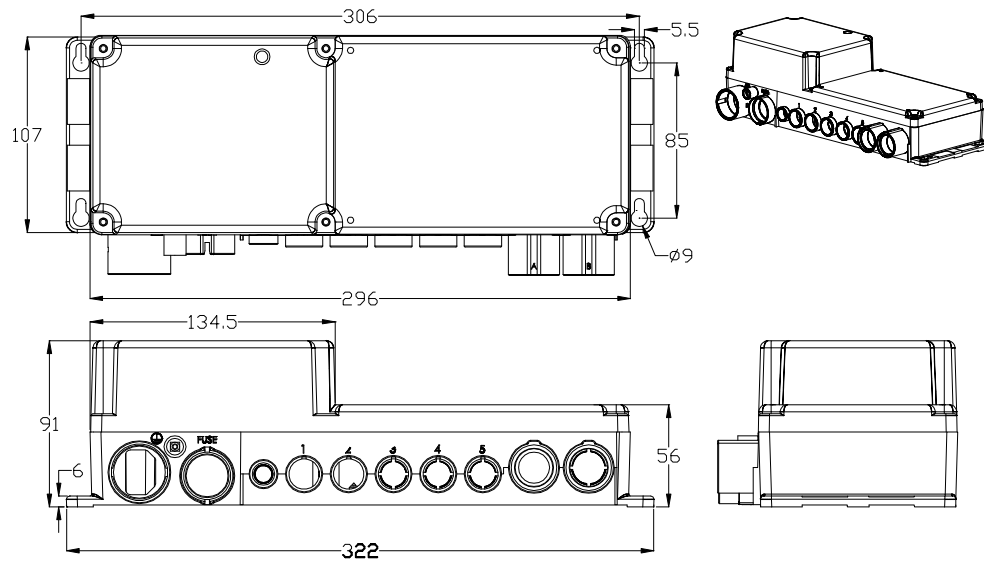
CB18

Specifications are subject to change without j

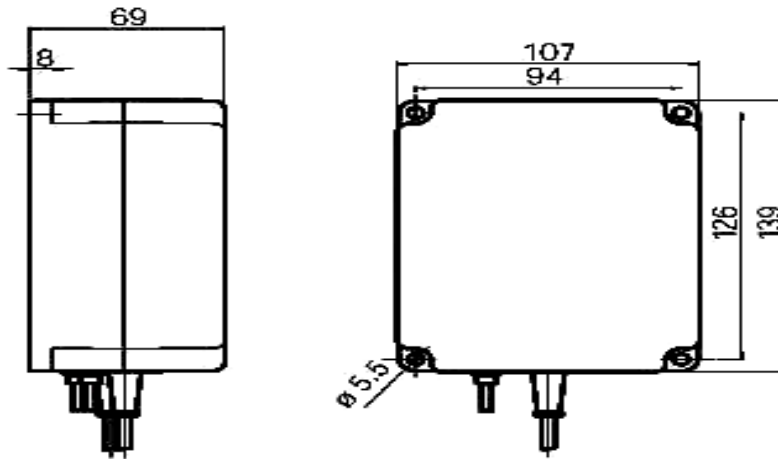
LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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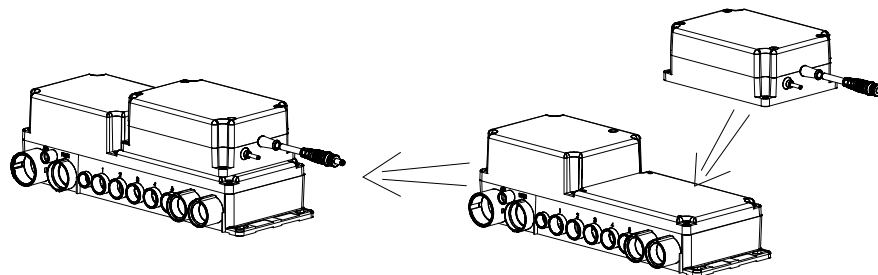
7/28/2009



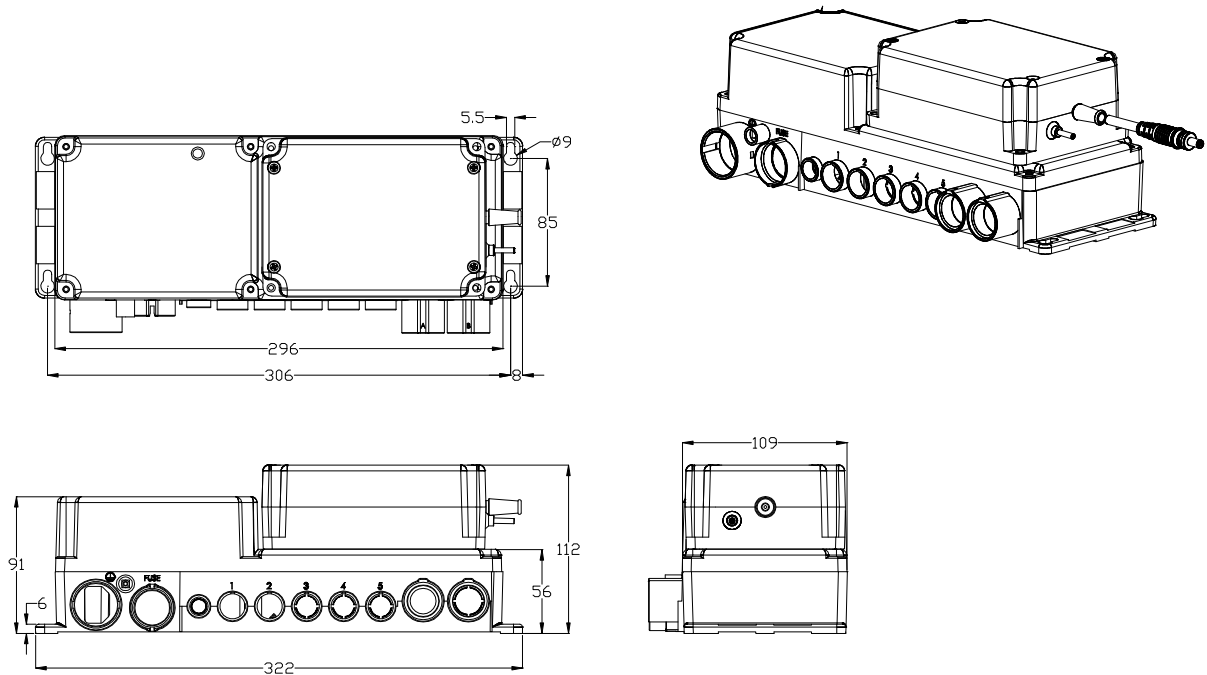
BA16



CB18 combine with BA16



Combined dimensions :



Notice:

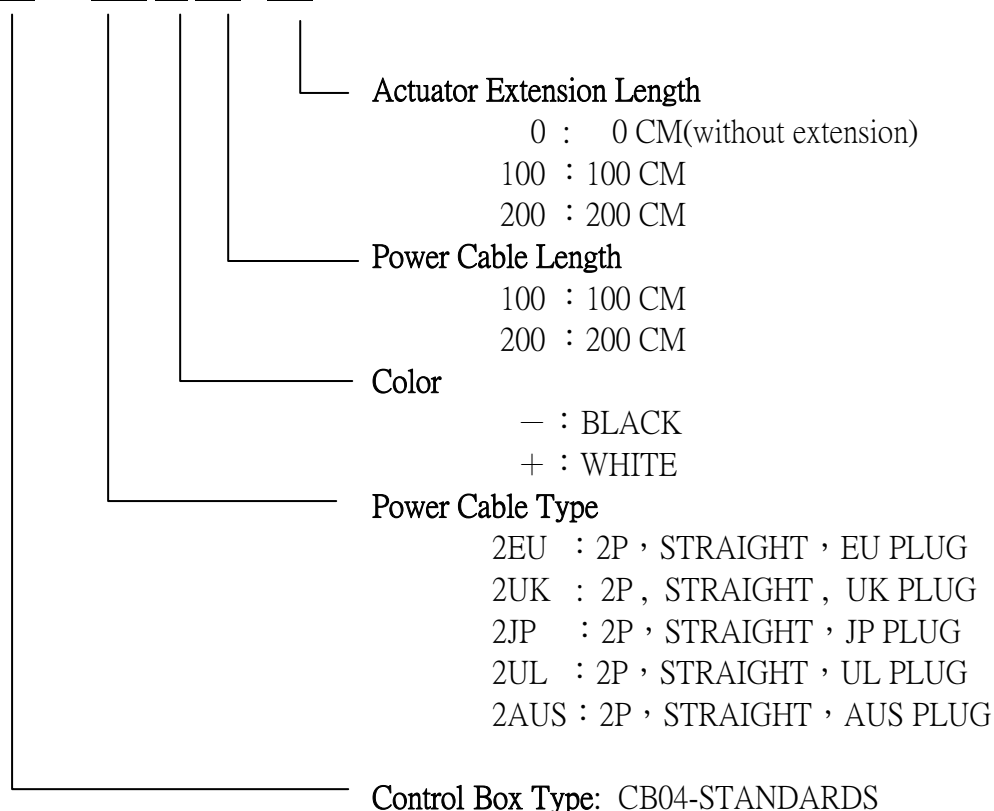
- ★ CB18 has to use LA31, LA32, and LA33 actuators with Jack Plug.
- ★ BA16 consists of 2 pcs DC12V 1.2Ah batteries



CB04 is an electronic control box. Mainly supply the power to the single actuator. The volume is tiny and will not waste the spare space. Moreover, the cable length can be substituted by the different working environment, and the CB04 is suitable for furniture application.

- The volume is tiny and space-saving.
- The plug type and the length could be replaced by the existed standards mode.
- The T-plug cable could be extended.
- The actuator plug must be in T plug.
- Power indicator Light.
- Main voltage : AC 100 – 240 1.5A 50-60HZ.
- Output voltage is DC 29 V.
- Output electric current: MAX 2Amp.
- Duty cycle: Max. 10% or 6 mi./1 hour in continuous use.
- Ambient temperature : +5°C to +40°C.
- Production Class : IP51.

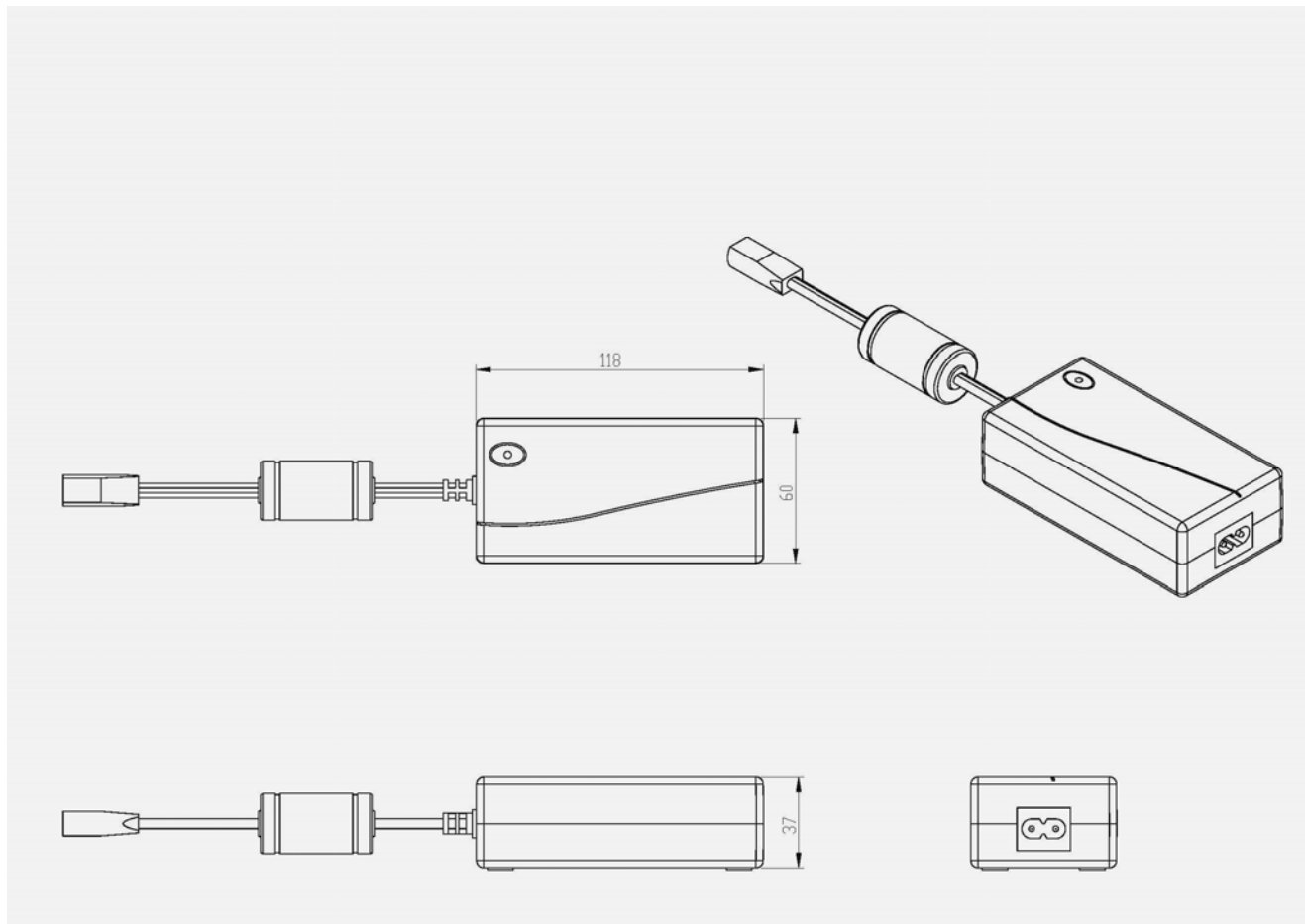
CB04 - 2EU - 100 - 100



Specifications are subject to change with (Plugs on CB04 must be T PLUG) determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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11/2/2009

Dimensions :



Notice :

- ★ CB04 could only work with one single actuator.
- ★ To recommend use with LA29/LA36 actuator.

2-14 CB08



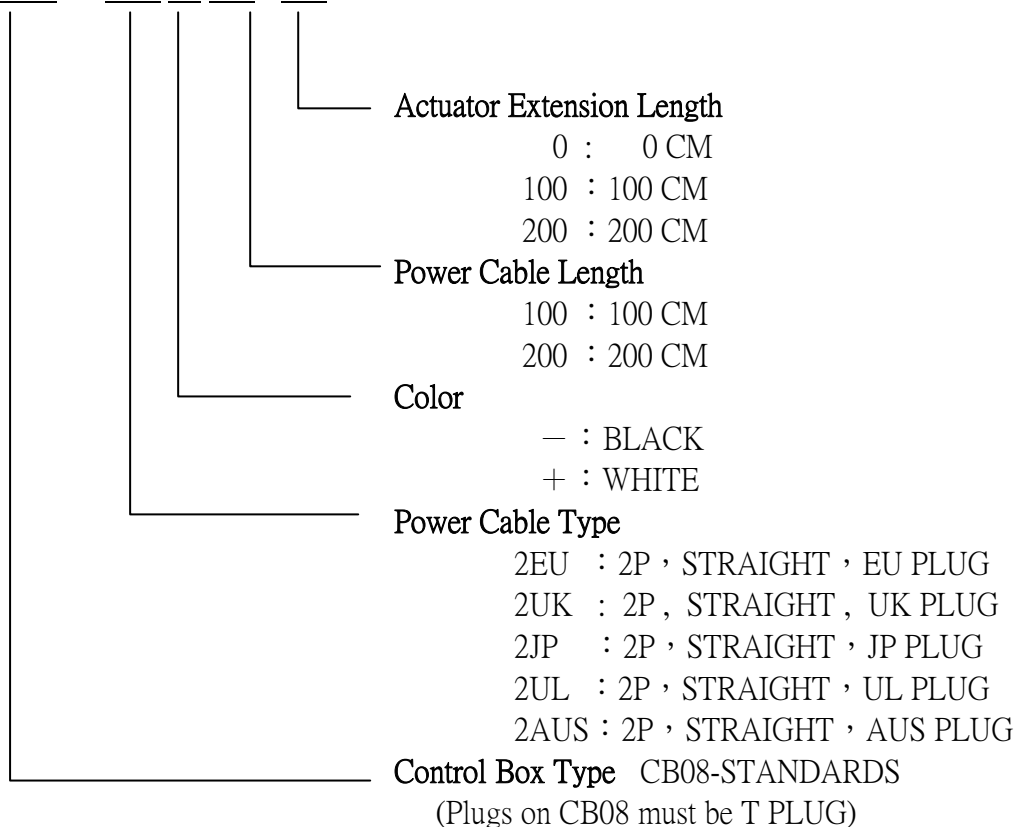
CB08 is an electronic control box. Mainly supply the power to the single actuator. For the back up, the users could purchase 2 alkaline batteries (Series Connection 18V) in case of the electric power cut. The cable length can be substituted by the different environment, and the CB08 is suitable for furniture application.

Feature :

- It is available to purchase 2 extra alkaline batteries for back up (Series Connection 18V).
- The plug type and the length could be replaced by the existed standards mode.
- The actuator plug must be in T plug.
- Power Indicator Light.
- Main Voltage : AC 100 – 240 1500mA 50-60HZ
- Output voltage is DC 29 V.
- Output electric current: MAX 2Amp.
- Duty cycle: Max. 10% or 6 mi./1 hour in continuous use.
- Ambient temperature : +5°C to +40°C
- Production Class : IP51

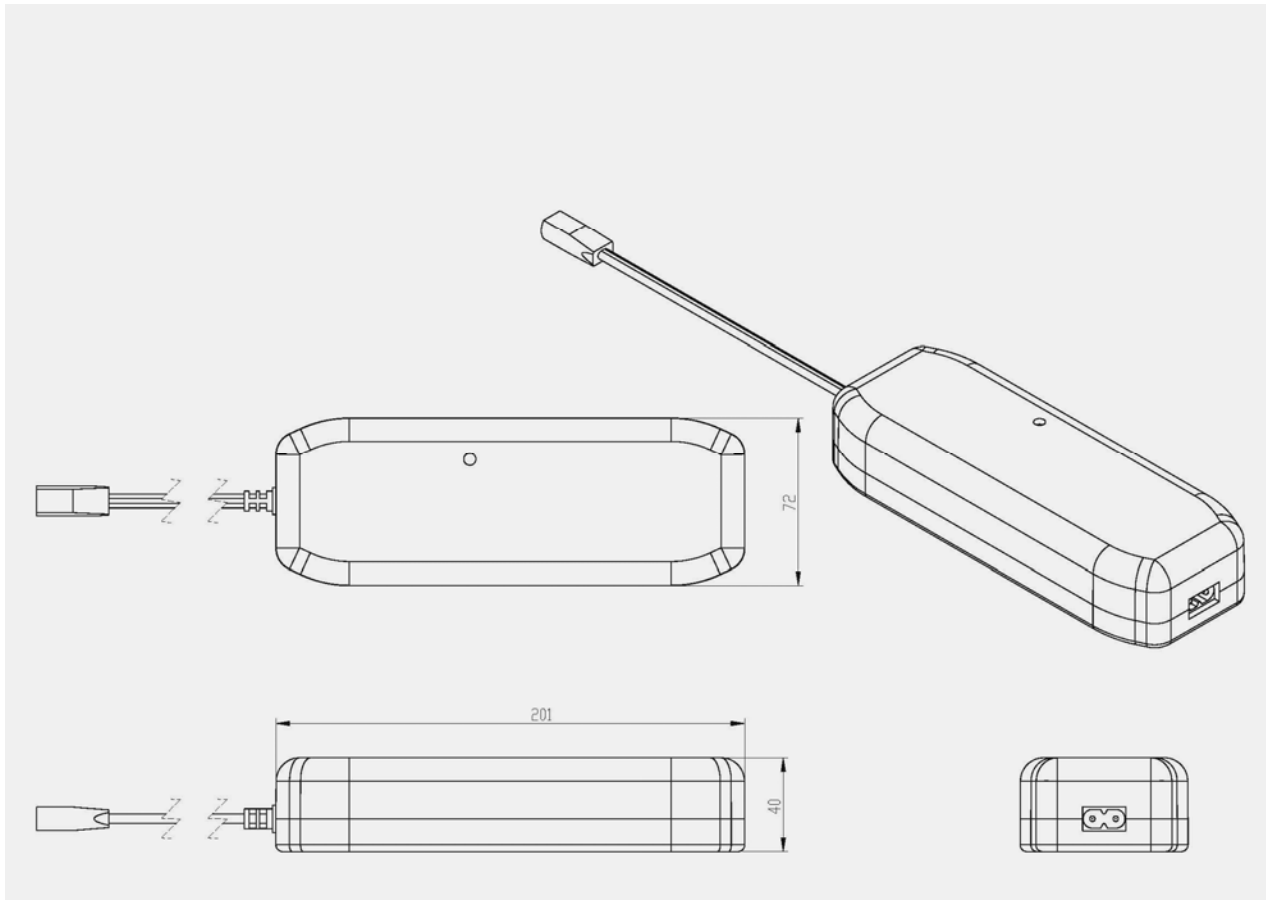
CB08 Ordering Example :

CB08 - 2EU - 100 - 100



Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

Dimension :



Notice :

- ★ CB08 could only work with one single actuator.
- ★ 2 extra alkaline batteries are available but un-chargeable.



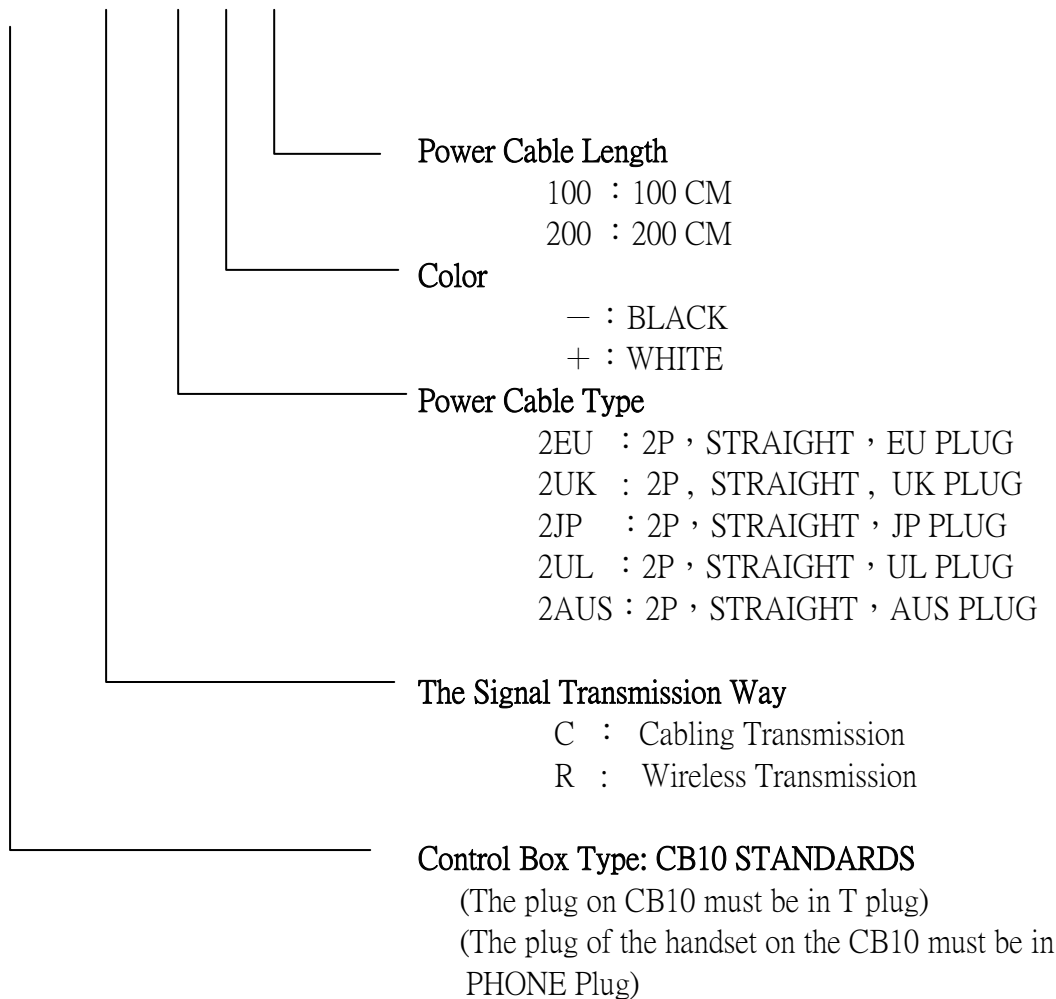
CB10 is an electronic control box. Mainly supply the power to the single actuator. The control function could be divided into two ways, such as in cabling control (PHONE PLUG) and wireless control (with HB-41-R). Furthermore, CB10 could match with BA16 (chargeable) for the back up in case of the electric power cut. The cable length can be substituted by the different environment, and the CB08 is suitable for furniture application.

Feature :

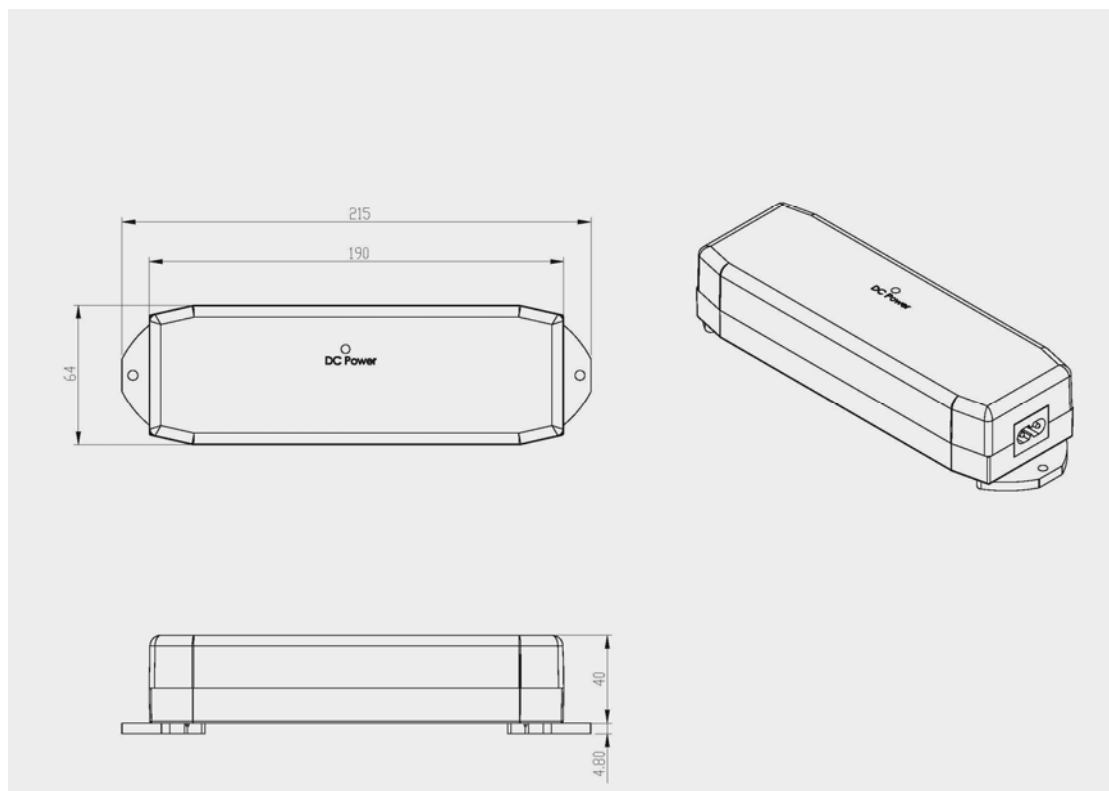
- Cabling control (with HS-P / PHONE PLUG) and wireless control (with HS41-R).
- The plug type and the length could be replaced by the existed standards mode.
- The actuator plug must be in Jack plug.
- Power Indicator Light.
- For back up, the BA16 (chargeable) is in case of the electric power cut.
- Main Voltage : AC 100 – 240 1500mA 50-60HZ
- Output voltage is DC 29 V.
- Output electric current: MAX 2Amp.
- Duty cycle: Max. 10% or 6 mi./1 hour in continuous use.
- Ambient temperature : +5°C to +40°C
- Protection Class : IP51

CB10 Ordering Example :

CB10 - R - 2EU - 100



Dimension :



Notice :

- ★ CB10 could only work with one single actuator.
- ★ CB10 works BA16 for back up in case of the electric power cut.

CB05

Transformer TR05



The new CB05 is a very compact design with easy installation in various applications, particularly for dental chair, gynecological table and beauty chair. This design consists of two parts: a controller CB05 and an independent exterior power supply TR05. It is compatible with low voltage electrical components, through AC 29V mains cable.

Features:

- Connected with up to 2 actuators: LA31, LA32; required to connect with DIN-plug
- 3 memory positions
- Over load protection
- Independent and compact power supply (transformer) TR05, only requiring min. power consumption with low EMC
- Special interface technology and assistant device for high stability to prevent shut down or memory lost.
- Can combine with HB8X, HB3X and FS series to use FLS.
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- TR05 has a temperature fuse; fuse not for exchangeable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection Class: IP51
- Color: black

Options:

- Release function: Actuator back to original position
- Return Function: Actuator back to previous position



CB05 Ordering Example:

CB05. 1 - A

FUNCTION

A: RELEASE (Actuator back to original position)

B: RETURN (Actuator back to previous position)

NO. OF CHANNELS

1 : 1 CHANNELS

2 : 2 CHANNELS

CONTROL BOX TYPE CB05-STANDARD

(Plugs on CB05 are Din Plug)

TR05 Ordering Example:

TR05 - 2UL - 12

MAINS VOLTAGE

10 = 100V

11 = 110V

12 = 120V

22 = 220V

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

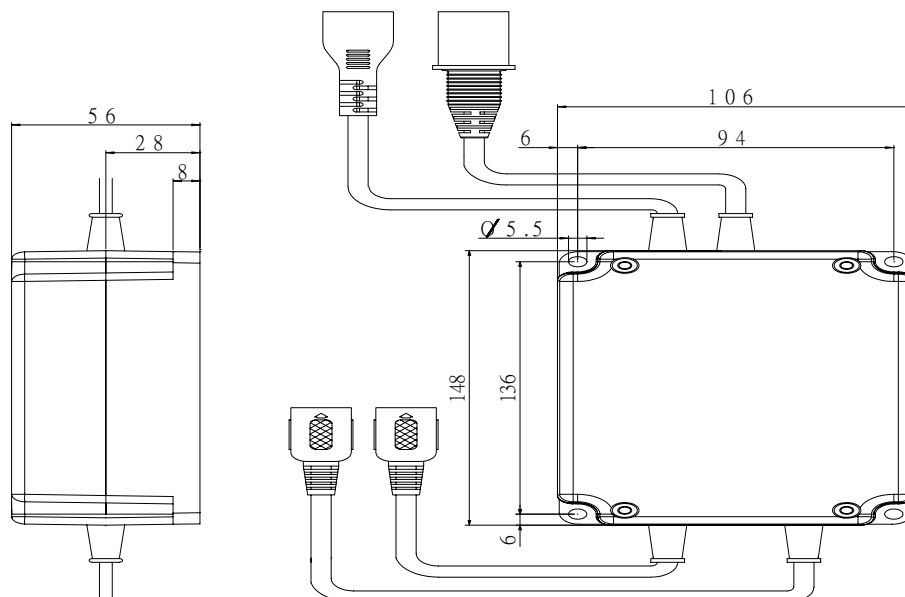
2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

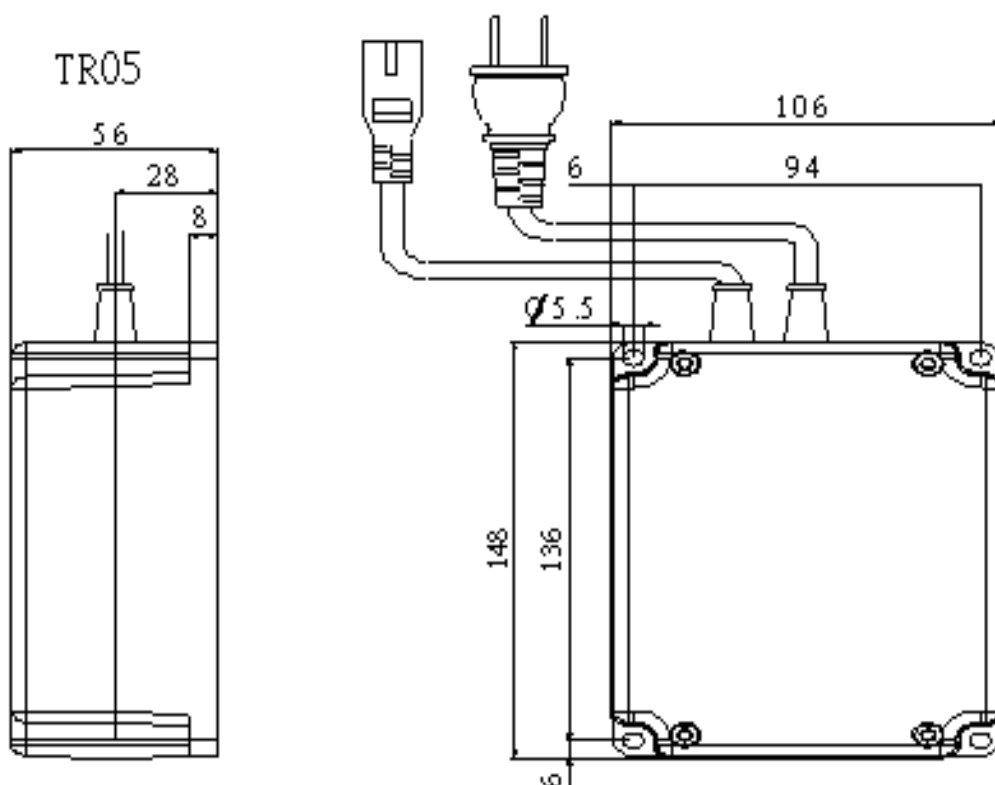
3IN : 2P, STRAIGHT, IN CABLE

EXTERIOR POWER SUPPLY TYPE TR05-STANDARD

Dimensions (Control Box CB05):



Dimensions (Transformer TR05):



Notice:

- ★ Only used with LA31 and LA32 actuator with built-in reed switch R.
- ★ CB05 is only used with actuator with Din Plug

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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2009/4/23

CB12 (NEW)



CB12 is a low voltage control box with advanced technology. CB12 can control up to 3~4 actuators. A series of built-in safety and other options makes it ideal for the applications with both manual and electrical operation.

Features:

- Max. for 3~4 actuators: Actuator type: LA36 、 LA37 (with Jack plug)
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- Dual output voltage (Low load: Low voltage; High load: High voltage)
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- Electronic overload protection (EOP) common for all channels
- DIN socket for handset HB8X, ACP or FS, FLS
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: black

Options:

- Class 1: earth connection
- Mains fuse can be replaced from the out-side
- Protection class: IP66
- Built-in T-cable device needed for operating two handsets simultaneously
- Battery back-up: battery sets (BA16)

CB12 Ordering Example:

CB12. 3 E F - 2EU - 22 B

BATTERY CHARGER

MAINS VOLTAGE (Input Mains Voltage)

10 = 100V

12 = 120V

22 = 220V

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2UK : 2P, STRAIGHT, UK CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

3EU : 3P, STRAIGHT, EU CABLE

3UL : 3P, STRAIGHT, UL CABLE

3UK : 3P, STRAIGHT, UK CABLE

3AUS : 3P, STRAIGHT, AUS CABLE

3IN : 3P, STRAIGHT, IN CABLE

MAINS FUSE F

EARTH CONNECTION E

NO. OF CHANNELS

1 : 1 CHANNEL

2 : 2 CHANNELS

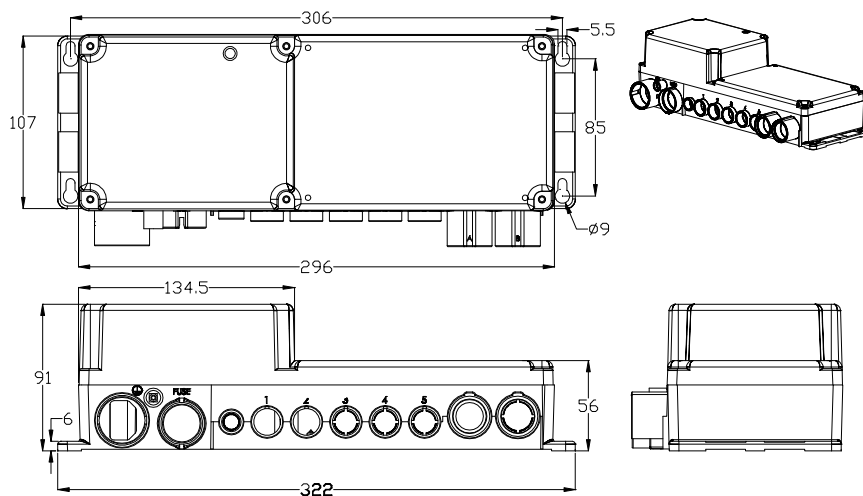
3 : 3 CHANNELS

4 : 4 CHANNELS

CONTROL BOX TYPE CB12-STANDARD

Dimensions:

(Plugs on CB12 are Jack Plug)



Notice:

- ★ Only used with LA36, LA37 actuators with Jack Plug
- ★ Built-in T-cable device needed when operating two handsets **simultaneously** or one handset and one ACP **simultaneously**

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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7/31/2009

CB16 (NEW)



CB16 is a low voltage control box that can control up to 4 actuators. A series of built-in safety and other options makes it ideal for vast medical and industrial applications.

Features:

- Max. for 4 actuators. Actuator type: LA31, LA32, LA33 (with Jack Plug)
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- Dual output voltage (Low load: Low voltage; High load: High voltage)
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- Electronic overload protection (EOP) common for all channels
- DIN socket for handset HB8X, HB3X, ACP or FS
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black
- Can be mounted with BA16
- The Battery has a Warning for low Voltage

Options:

- Battery back-up: battery sets (BA16)
- Class 1: earth connection
- Mains fuse can be replaced from the out-side
- Protection class: IP66
- Built-in T-cable device for operating two handsets simultaneously



CB16 Ordering Example:

CB16. 3 E F - 2UL - 22 B

BATTERY CHARGER

B : BATTERY CHARGER

T : TRANSFORMER

MAIN VOLTAGE (Input mains voltage)

10 = 100V

12 = 120V

22 = 220V

COLOR

- : BLACK

+ : GRAY-WHITE

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2UK : 2P, STRAIGHT, UK CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

3EU : 3P, STRAIGHT, EU CABLE

3UL : 3P, STRAIGHT, UL CABLE

3UK : 3P, STRAIGHT, UK CABLE

3AUS : 3P, STRAIGHT, AUS CABLE

3IN : 3P, STRAIGHT, IN CABLE

MAINS FUSE F

EARTH CONNECTION E

NO. OF CHANNELS

1 : 1 CHANNEL

2 : 2 CHANNELS

3 : 3 CHANNELS

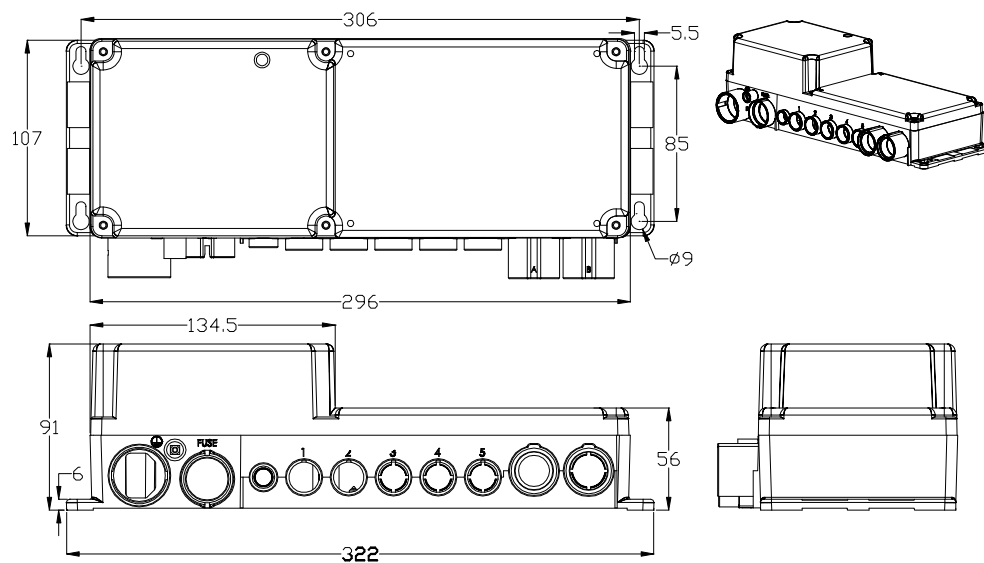
4 : 4 CHANNELS

CONTROL BOX TYPE CB16-STANDARD

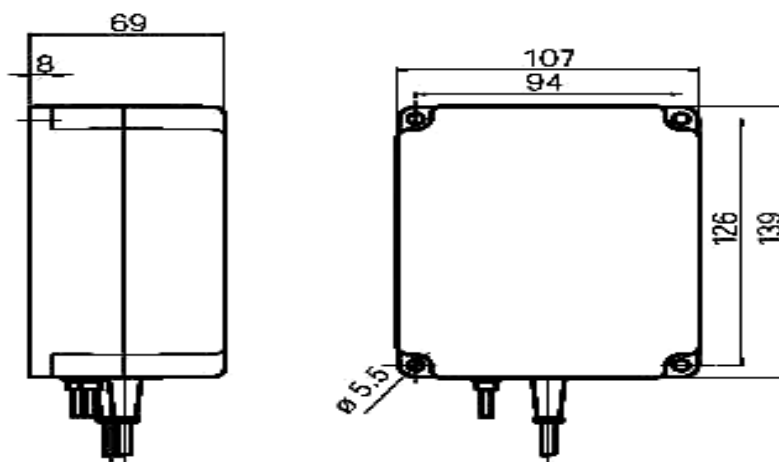
(Plugs on CB16 are Jack Plug)

Dimensions:

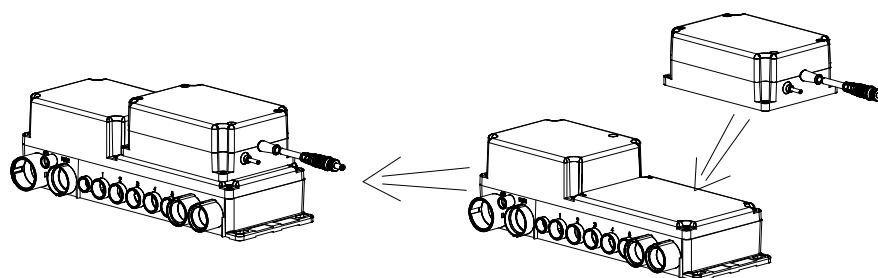
CB16



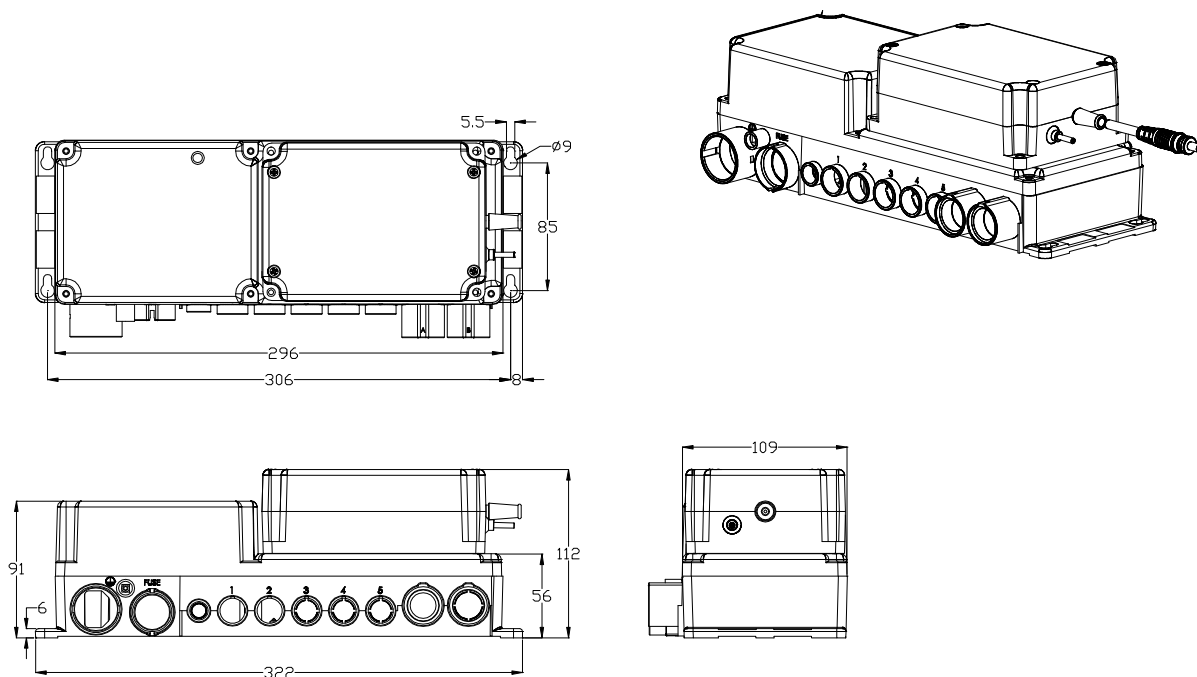
BA16



CB16 combine with BA16



Combined dimensions :



Notice:

- ★ CB16 has to use LA31, LA32, and LA33 actuators with Jack Plug.
- ★ Built-in T-Cable device needed when operating two handsets simultaneously or one handset and one ACP simultaneously.
- ★ BA16 consists of 2 pcs DC12V 1.2Ah batteries



CB22 is a special controller for reverse beds; it has low voltage feature and can control up to 4 actuators. A series of built-in safety and other options makes it ideal for vast medical and rehabilitation applications.

Features:

- Connection for up to 4 actuators. Actuator type: LA31 、 LA32 (Jack-Plug)
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- Dual output voltage (Low load: Low voltage; High load: High voltage)
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- Electronic overload protection (EOP) common for all channels
- Special interface technology and assistant device to ensure high stability and prevent shutting down or memory lost.
- Operational indicator light and warming buzzer largely increases the safety during working.
- Advanced technology, automatic sleeping & wake-up device and low power consumption ensure long time operation while power is off
- DIN Plug socket for handset HB8X, ACP or FS
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black
- Can be mounted with BA16

Options:

- Transmitter for reverse beds
- Mains fuse can be replaced from the outside
- Battery back-up: BA16; audio battery alarm indicates low battery charge
- Protection class IP66
- Class 1: Earth connection
- Built-in T-cable device needed for operating two handsets simultaneously

CB22 Ordering Example:

CB22 R . 3 E F - 2UL - 22 B

BATTERY CHARGER

B : BATTERY CHARGER

MAINS VOLTAGE

10 = 100V

12 = 120V

22 = 220V

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

3EU : 3P, STRAIGHT, EU CABLE

3UL : 3P, STRAIGHT, UL CABLE

3UK : 3P, STRAIGHT, UK CABLE

3AUS : 3P, STRAIGHT, AUS CABLE

3IN : 3P, STRAIGHT, IN CABLE

MAINS FUSE F

EARTH CONNECTION E

NO. OF CHANNELS

1 : 1 CHANNEL

2 : 2 CHANNELS

3 : 3 CHANNELS

4 : 4 CHANNELS

FUNCTION

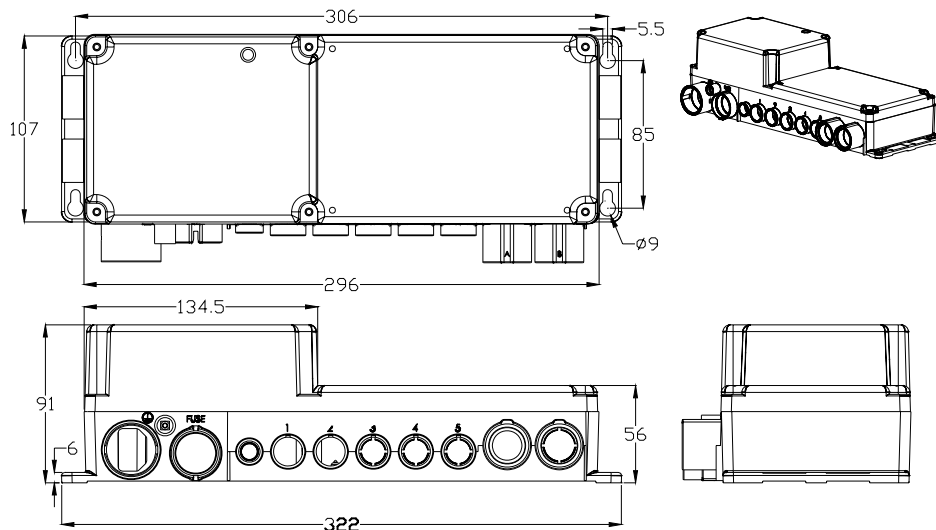
R : TILTING (Reverse Bed)

CONTROL BOX TYPE CB22-STANDARD

(Plugs on CB22 are Jack Plug)

Dimensions:

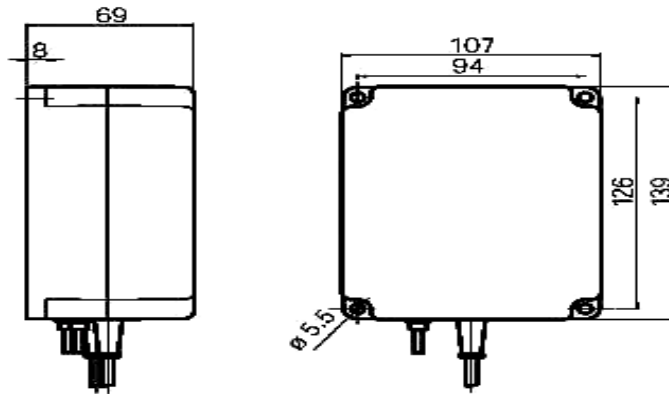
CB22



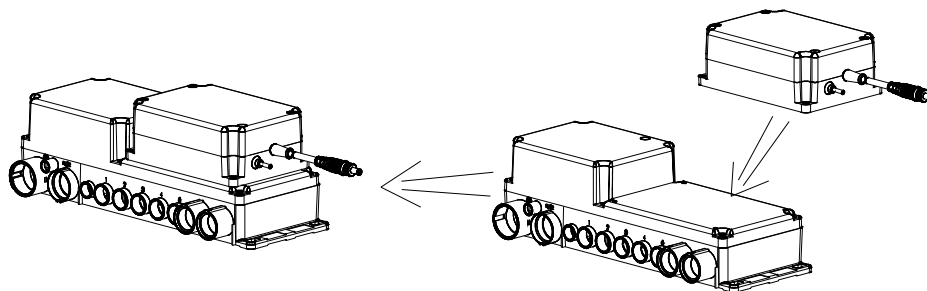
Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

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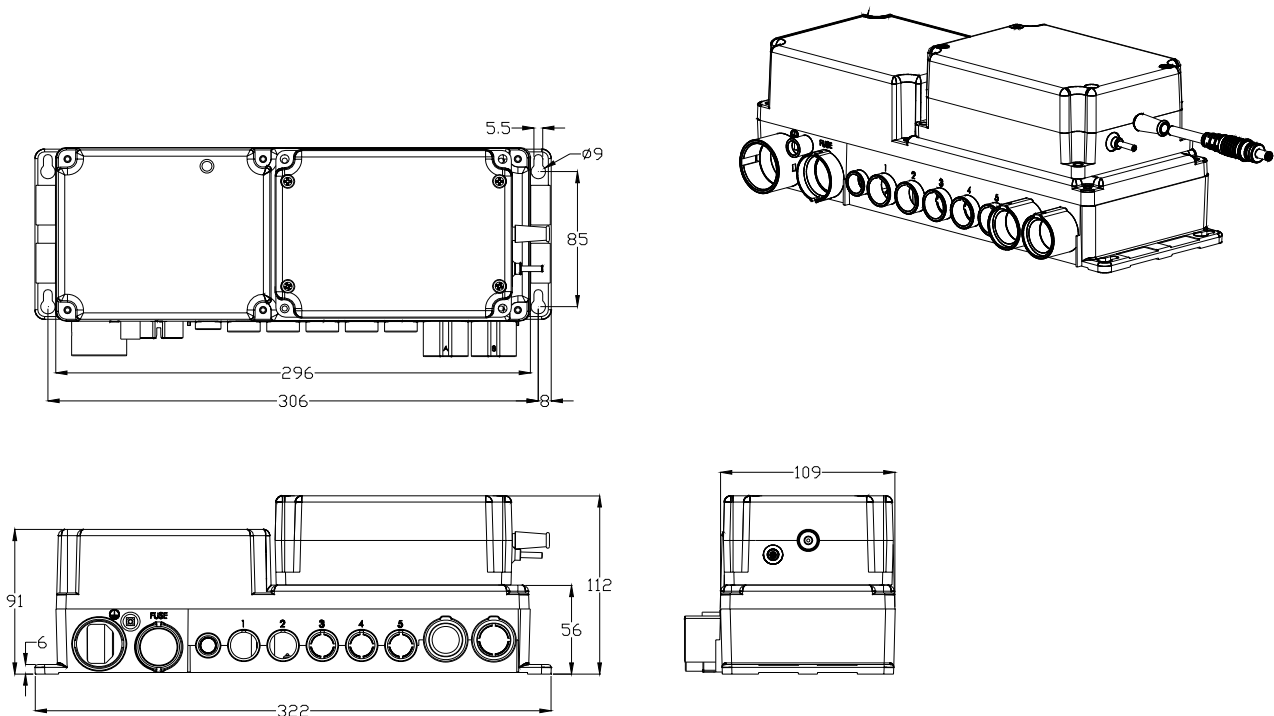
7/22/2009



CB22 combine with BA16



Combined dimensions :



Notice:

- ★ Only for reverse beds system. Actuators for reverse function need 100mm stroke. In addition, CB22 has to use transmitter simultaneously
- ★ Only used with LA31 and LA32 actuators with Jack Plug.
- ★ BA16 consists of 2 pcs DC12V, 1.2Ah batteries



CB07 is a low voltage operated controller for max. 3~4 actuators. The high power toroidal transformer and special circuit design makes CB07 ideal with LA37.

Features :

- Max. for 3~4 actuators (Depend on different type of actuator)
- Mains voltage: 220V~240V/100~120V AC ; 50/60 Hz
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- DIN socket for handset HB8X 、HB3X 、ACP or FS
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1hour in continuous use
- Ambient temperature : +5°C to +40°C
- Protection class : IP51
- Color : Black

Options :

- Class 1: earth connection
- Mains fuse can be replaced from the outside
- Protection Class : IP66
- Color: Gray-White (Min. Order: 1,000 pcs)
- T-cable device needed when operating two handsets simultaneously



CB07Ordering Example :

CB07. 3 E F - 2EU - 22

MAINS VOLTAGE

10 = 100V

12 = 120V

22 = 220V

COLOUR

— : Black

+ : Gray-white

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UK : 2P, STRAIGHT, UK CABLE

2UL : 2P, STRAIGHT, UL CABLE

2AUS : 2P, STRAIGHT, AUS CABLE

3EU : 3P, STRAIGHT, EU CABLE

3UL : 3P, STRAIGHT, UL CABLE

3IN : 3P, STRAIGHT, IN CABLE

3UK : 3P, STRAIGHT, UK CABLE

3AUS : 3P, STRAIGHT, AUS CABLE

MAINS FUSE F

EARTH CONNECTION E

NO. OF CHANNELS

1 : 1 CHANNEL

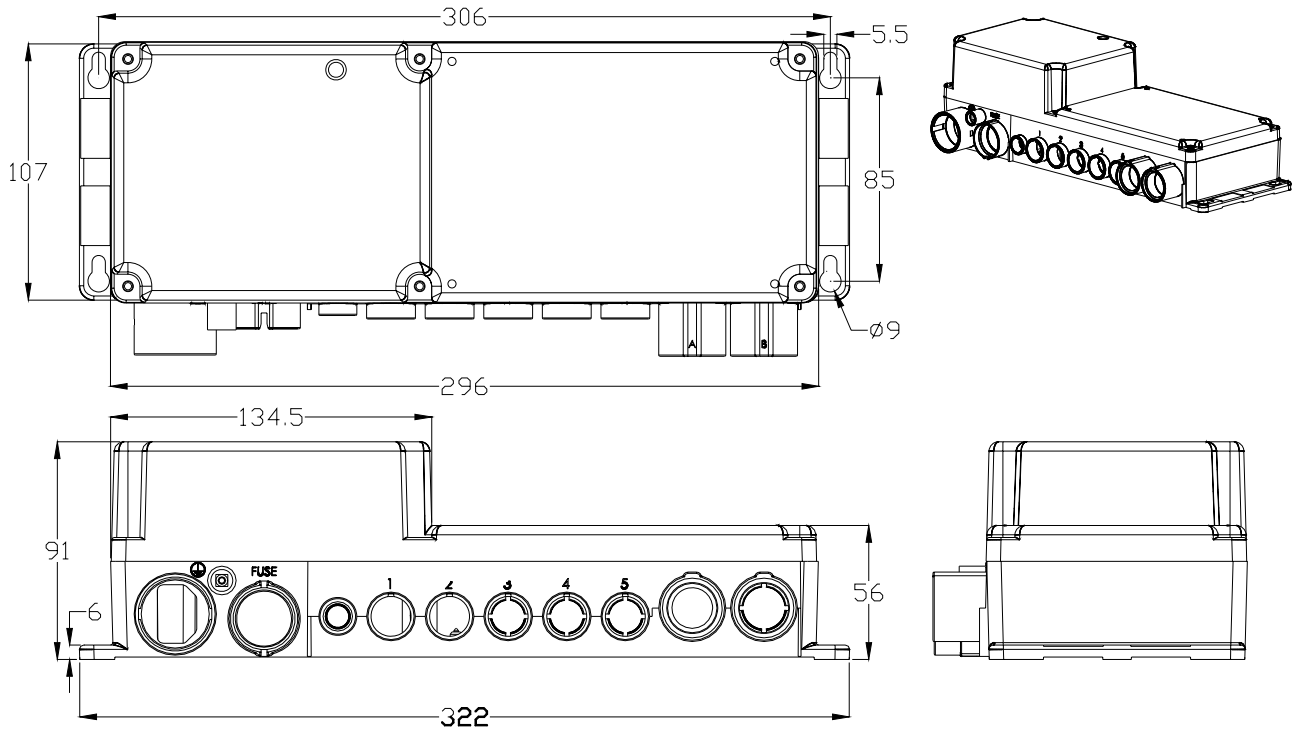
2 : 2 CHANNELS

3 : 3 CHANNELS

CONTROL BOX TYPE CB07-STANDARD

(Plugs on CB07 are Jack Plug)

Dimensions:



Notice:

- ★ Only used with actuators with Jack Cable.
- ★ Can not used with ACP simultaneously
- ★ Can not use battery

CB06



CB06 can operate up to 3 actuators. It has the feature of being mounted with LA33. It has elegant design suitable for the use of beds, chairs, and tables. It is suitable for being installed in less-spaced place and device of single function. It also has features of cheaper price.

Features:

- Max. for 3 actuators. Actuator type: LA33
- Can combine with HB8X 、HB3X and FS series to use FLS
- Elegant design
- Power indicator light
- Mains voltage: 220-240/ 100-120V AC; 50-60HZ
- Output voltage: 24V DC
- 8 PIN DIN-plug for handset
- 1.8m straight power cable
- Duty cycle: Max . 5% or 3 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP51
- Color: Black

Options:

- Protection class: IP54

CB06 Ordering Example:

CB06 . 1 - 2EU - 22 - 66

TRANSFORMER POWER

66 (Chooses and matches 66W)

MAINS VOLTAGE (Input Mains Voltage)

10 = 100V

12 = 120V

22 = 230V

CABLES

2EU : 2P, STRAIGHT, EU CABLE

2JP : 2P, STRAIGHT, JP CABLE

2UL : 2P, STRAIGHT, UL CABLE

2UK : 2P, STRAIGHT, UK CABLE

2AUS : 2, STRAIGHT, AUS CABLE

3IN : 2P, STRAIGHT, IN CABLE

NO. OF CHANNELS (The No. of actuator)

1 : 1 CHANNEL

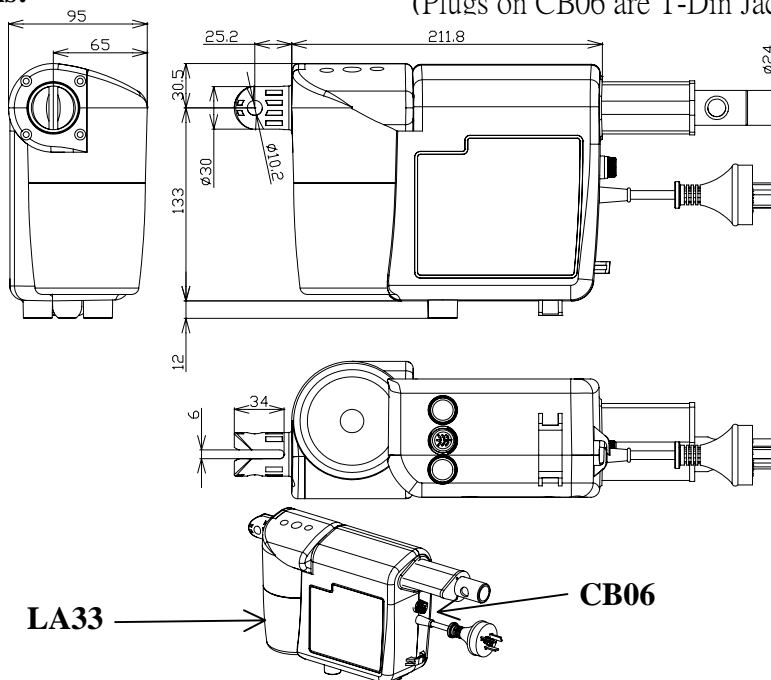
2 : 2 CHANNELS

3 : 3 CHANNELS

CONTROL BOX TYPE 06- STANDARD

Dimensions:

(Plugs on CB06 are T-Din Jack Plug)



Notice :

- ★ CB06 must be used with actuators with T-Din Jack Plug and 90° Din handset
- ★ 9V battery must use Alkaline battery
- ★ The design of 9V battery is designed to operate back, foot and the move down of the bed when electricity shortage happen.
- ★ Battery can not be long-term put in the control box to avoid running out of electricity or the leak of electrolyte to damage control box.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.



CB09 is a low voltage operated controller for max. 4 actuators. A series of built-in safety and other options makes it ideal for vast medical and industrial applications.

Features :

- Max. for 4 actuators. Actuator type: LA31 、 LA32 、 LA33 (with DIN Plug)
- Mains voltage: 220-240/ 100-120V AC; 50-60Hz
- Compact high power toroidal transformer ensures low power consumption and low electromagnetic emission
- Electronic overload protection (EOP) common for all channels
- DIN socket for handset HB8X 、 HB3X 、 ACP or FS
- Exchangeable mains cable
- Duty cycle: Max. 10% or 6 min./ 1 hour in continuous use
- Ambient temperature: +5°C to +40°C
- Protection class: IP54
- Color: Black
- Can be mounted with BA16
- The Battery has a Warning for low Voltage

Options :

- Battery back-up: battery sets (BA16)
- Class 1: earth connection
- Mains fuse can be replaced from the out-side
- Protection class: IP66
- T-cable device for operating two handsets simultaneously
- Color: Gray-White (Min. order 1,000 pcs)

CB09 Ordering Example:

CB09 H. 3 E - 2UL - 22 B - 86

TRANSFORMER POWER

66 (Chooses and matches 66W)

BATTERY CHARGER

B : BATTERY CHARGER

T : TRANSFORMER

MAIN VOLTAGE

10 = 100V

12 = 120V

22 = 230V

COLOR

+ : Gray-white

- : Black

CABLES

2EU : 2P , STRAIGHT , EU CABLE

2JP : 2P , STRAIGHT , JP CABLE

2UL : 2P , STRAIGHT , UL CABLE

2UK : 2P , STRAIGHT , UK CABLE

2AUS : 2P , STRAIGHT , AUS CABLE

3EU : 3P , STRAIGHT , EU CABLE

3IN : 3P , STRAIGHT , IN CABLE

3UL : 3P , STRAIGHT , UL CABLE

3UK : 3P , STRAIGHT , UK CABLE

3AUS : 3P , STRAIGHT , AUS CABLE

EARTH CONNECTION E

NO. OF CHANNELS

1 : 1 CHANNEL

2 : 2 CHANNELS

3 : 3 CHANNELS

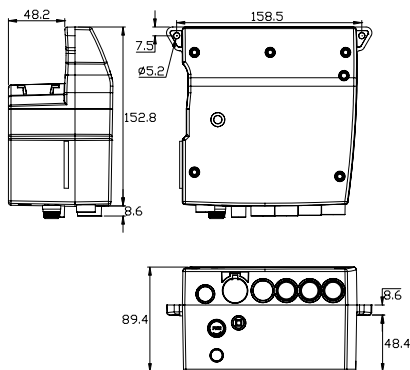
4 : 4 CHANNELS

HIGH POWER H(Suitable for heavy load or the simultaneous movement of two axes actuators)

CB09 Dimensions: :

CONTROL BOX TYPE CB09-STANDARD

(Plugs on CB09 are DIN Plug)



Notice :

- ★ CB09 has to use actuators with DIN Plug, such as, LA31, LA32, LA33.
- ★ T-Cable device needed when operating two handsets simultaneously or one handset and one ACP simultaneously.
- ★ BA16 consists of 2 pcs DC12V, 1.2Ah batteries.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

LINKAN ASIA CO.

2009/5/7



CB28 is a controlling system for dental chairs. Its multi-functional controlling board with stepless-memorizing feature will make users easy to proceed output and input instructions by their requirements. This makes CB28 ideal for the system of dental chairs.

Feature

- Control max. 2 actuators and controlling board (Rinse basin, water refilling, water heating, X-ray light, light for mouth)
- Multi-functional operating system with simplicity and convenience
- Mains voltage: 220~240V / 100~ 120V, 50/60 HZ
- High power, low electricity consumption, and low radiation provided by Built-in EI transformer
- Easy to change for external fuse
- Three-points memorizing function, positions for gargling, and the returning function
- Emergency safety lock
- Clear indicator light with warning sound
- Ambient temperature: +5°C ~ + 40°C
- Duty cycle: Max.10% or 2 min. / 18 min. in continuous use
- Protection class: IP54
- Color: Black

Option

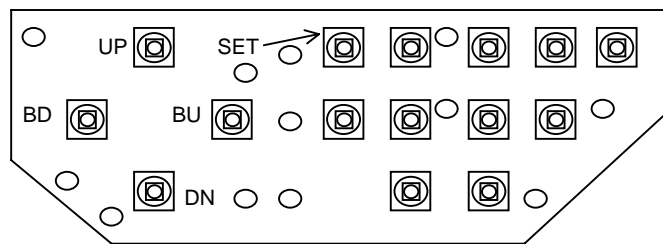
- Protection class: IP66
- Customized requirement for the adjustment of input and output function
- Color: Gray White

Manual Guide

一、Seat Movement control

1. Manual Control

Press "UP": Seat upward; Release "UP": Stop moving
 Press "DN": Seat downward; Release "DN": Stop moving
 Press "BU": Seat forward; Release "BU": Stop moving
 Press "BD": Seat backward; Release "BD": Stop moving



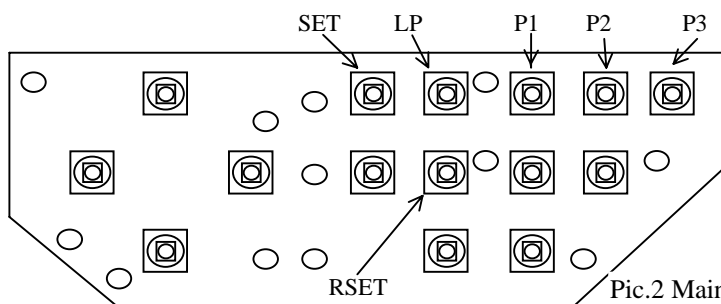
Pic.1 Main Operating board (Manual Height and Tilting Control)

2. Foot Switch Control:

Functions from four buttons of foot switch are the same with main operating board above.

二、Memory positioning Control

Please finish setting up parameter first before proceeding automatic control. Please refer to each parameter setting.



Pic.2 Main operating board (Memory position control)

1. Pre-set memory button control.

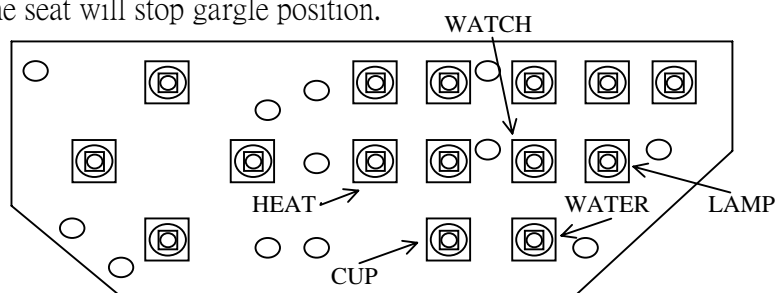
Press one of the keys (P1 P2 P3) and the seat will move to pre-set position automatically.

2. Returning (Reset) button control

Press Reset button .The seat will move down to the lowest position and the seat back will move up to the highest position

2. Gargling position control

The back will move up to the highest position when pressing gargling button. If press once again when proceeding, the seat will stop moving. Then press once again, the seat back will return to original position. If press any position button when moving, the seat will stop gargle position.



Pic. 3 Main Operating board (Other functions control)

1. Gargling refill control

Press "Cup" and it will refill and stop according to time setting.

2. Rinse basin control

Press "Water" and it will rinse the basin and stop according to time setting.

3. Heating control

Press "Heat" to begin to heat. The indicator light will start to flash and stop automatically when it reaches the temperature already set. The water will be heated once again if the water temperature be down. Press "Heat" button again and it will stop heating and the indicator light will stop flashing.

4. X-Ray light control

Press "Watch" and the X-Ray light will be turned on. Press it once again, the light will be turned off.

5. Control for Light for mouth

Press "Lamp" to turn on the light for mouth. Press it once again, the light will be turned off.



Parameter setting

一、Maximum seat position setting

1. Press Set button around twenty seconds and indicator light will be turned on and flash. Simultaneously, it will make buzzer sounds with long continuous sound.
2. Press “UP ” and “BU” buttons separately to adjust the seat and seat back to the required position.
3. Press “Set” button again, the flashing frequency of indicator light and buzzer sounds will become fast. In this time, it can start to proceed the setting of the lowest position to the seat.
4. Press “DN” and ”BD” buttons separately to adjust the seat and the seat back to the requirement position.
5. Press “Set” button and save the memory setting, the indicator light will be turned off and out of setting condition.

二、Pre-set memory button setting

1. Press “Set” button around 2 seconds and the indicator light will be turned on. Then it will enter setting condition.
2. Manual control adjusts the seat to required position.
3. Choose the required memory position and press the button. It can memorize three points (P1, P2, P3)
4. Press “Set” button and save the memory setting, the indicator light will be turned off and out of setting condition.

三、Refilling time setting

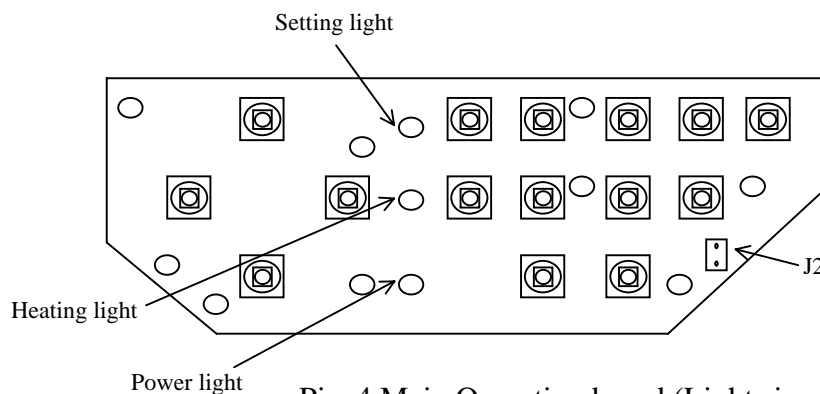
1. Press “Set” button around 2 seconds and the indicator light will be turned on and it can enter setting condition.
2. Press “Cup” button to refill up water manually according to time setting.
3. Press “Set” button once again and save the refilling setting. The indicator light will be turned off and out of setting condition.

四、Rinsing basin time setting

1. Press “Set” button around 2 seconds. The indicator light will be turned on and it enters the setting condition.
2. Start to select time of rinsing basin.
 - (1) Press “Water” once and the buzzer will make short sound once. It means time setting for rinsing basin is 30 minutes.
 - (2) Press “Water” twice and the buzzer will make short sound twice. It means time setting for rinsing basin is 60 minutes.
 - (3) Press “Water” three times and the buzzer will make short sound three times. It means time setting for rinsing basin is long period.
 - (4) Press “Water” four times and the buzzer will make short sound four times. It means time setting for rinsing basin is 12 seconds. This situation is usually applied in the testing experiments.
3. Every rinsing setting starts from 30 minutes.
4. Choose the rinsing time, then press “Set” button once again and save the memory setting. The indicator light will be turned off and out of setting condition.
5. Recommend the rinsing time should depend on sounds from buzzers when setting time. This can avoid the wrong setting.

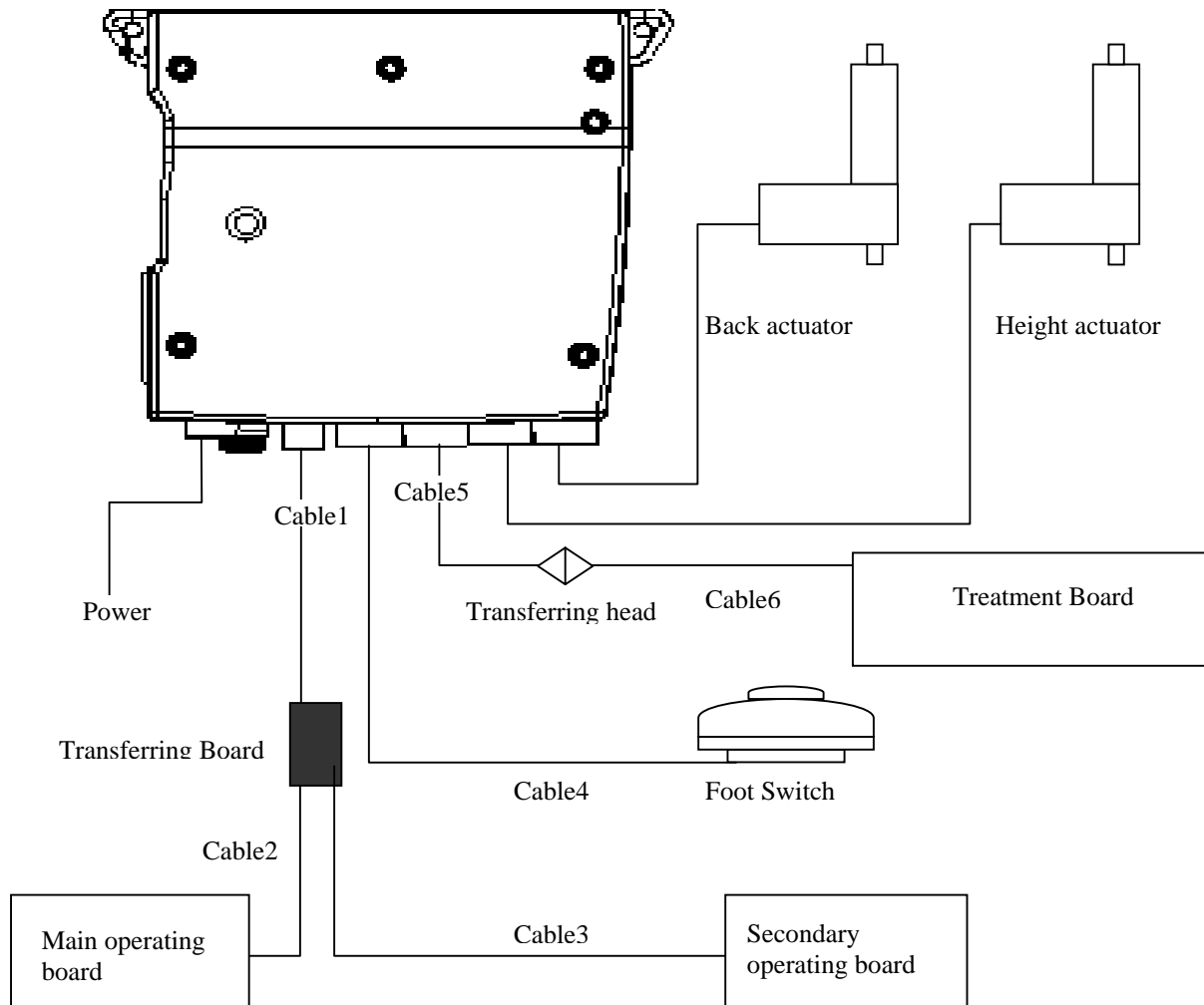
Caution:

1. The main operating board has 3 lights from top to bottom: Setting indicator light with green color, heating indicator light with red color, power indicator light with green color. The secondary operating board has heating indicator light with red color and power indicator light with green color.
2. J2 connection on the main operating board is short circuit connection. It can be used in the emergency stop when all buttons are out of order.
3. CN2 connection on Foot Switch is emergency safety lock. When it is short circuit, the seat back and the seat just can move upward but not downward.



Pic. 4 Main Operating board (Light signal & connection)

Connection Demonstration:



Accessory:



Cable1



Cable2



Cable3



Treatment Board



Cable4



Cable5



Cable6



Foot Switch



Main operating board



Secondary operating board

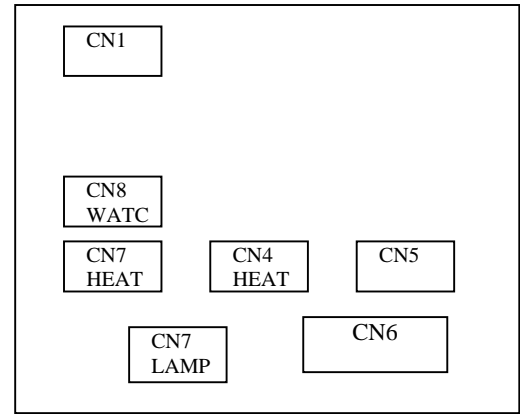


Transferring board

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

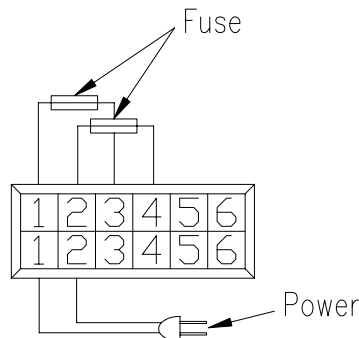
Control board for treatment :

- CN1 : Control box connection port
- CN8 : X-Ray light cable (WATCH)
- CN7 : AC220V cable, heating cable (HEAT)
- CN4 : Cable for temperature Transmission and Monitoring (HEAT)
- CN5 : Cable for water supply, rinsing, and AC220V Power
- CN7 : Control cable for light for mouth. (LAMP)



Main line board

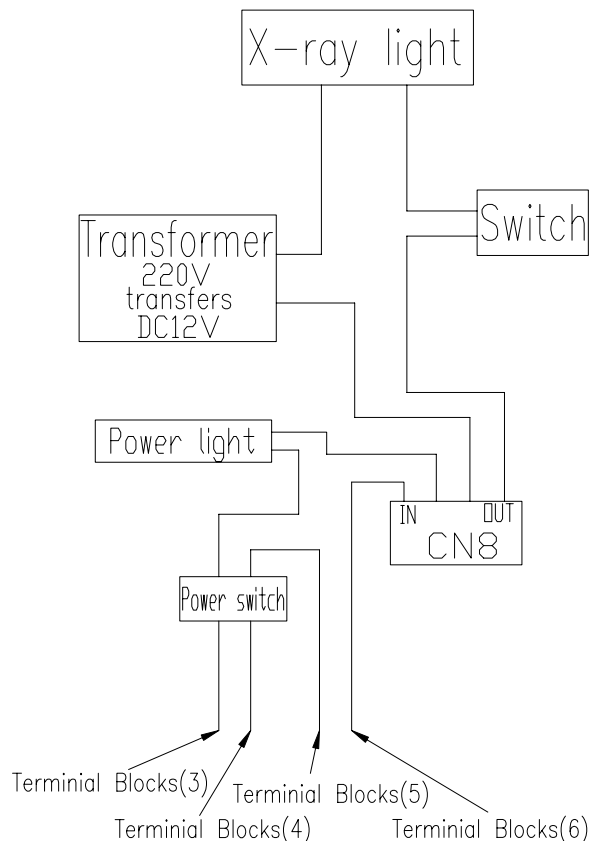
Pic.5 Treatment board connection position drawing



Terminal Blocks

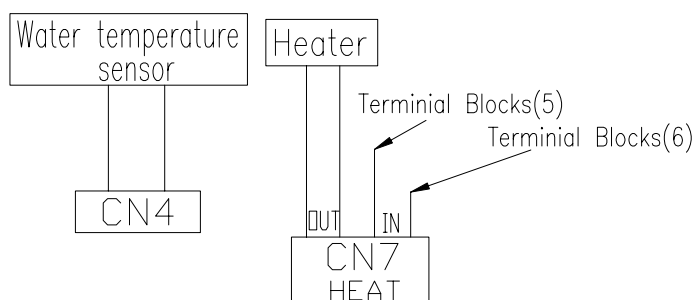
Pic. 6 Main Controller connection position

CN8 : Line for X-ray light

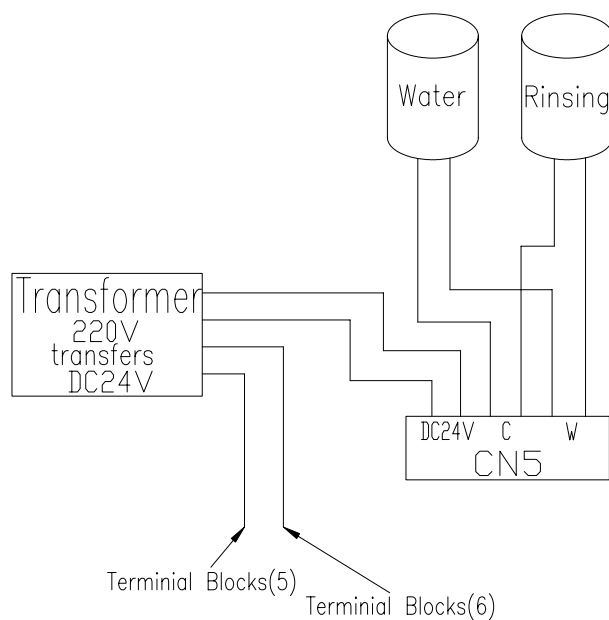


Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

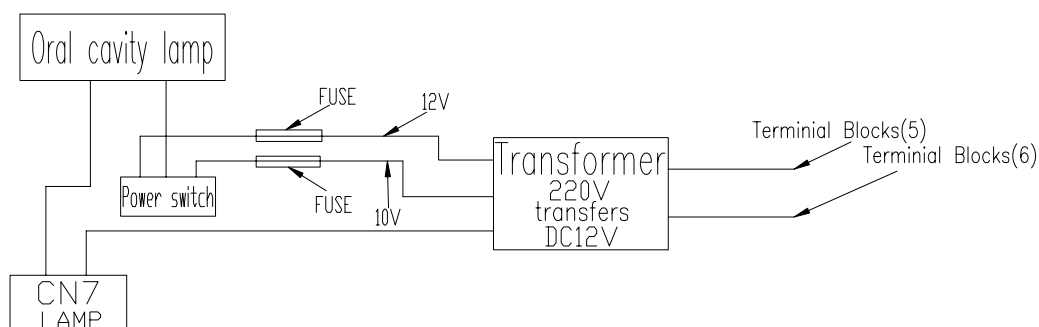
CN7 : AC220V Cable , Heating cable & CN4 : Cable for temperature Transmission



CN5 : Water supply cable , Cable for rinsing basin , AC220V Power cable



CN7 : Control cable for light for mouth



CB28 Ordering Example:

CB28 M1 - 120 - L - 1 1 1 C X X

Model Code

Customer Code

Nationality code

Foot Switch

0 : Two axes Foot Control Switch not required

1 : Foot Control Switch required

Secondary Operating Board

0 : Secondary operating board not required

1 : Secondary operating board required.

Main Operating Board

0 : Main operating board not required

1 : Main operating board required

Transfomer

L : for LA32 (86VA)

H : for LA35 (100VA)

N : No Transfomer

Input Voltage

120=AC120V

220=AC230V

Function Type

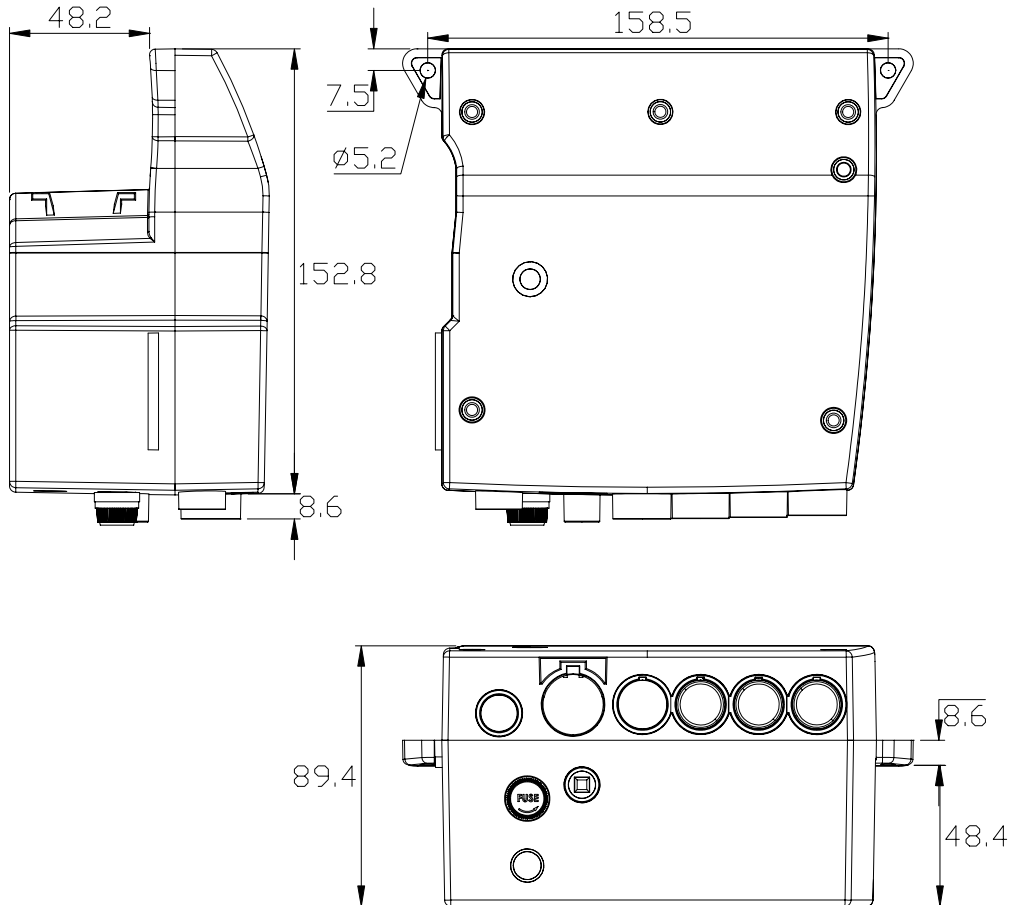
M1 : Memory Type

E 1 : Simple Type

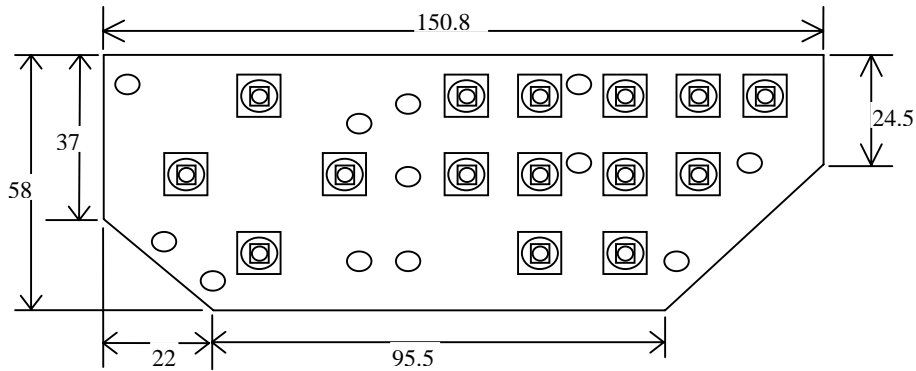
Control Box Type CB28-Standard

(Plugs on CB28 are DIN Plug)

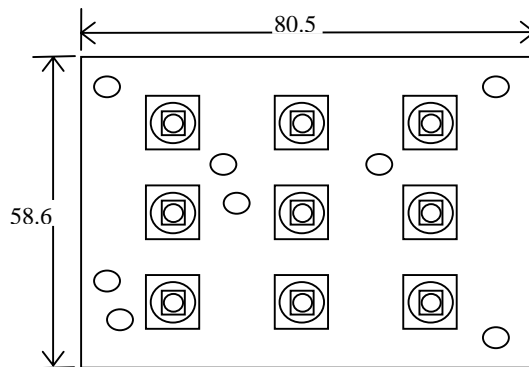
CB28 Outer Dimension:



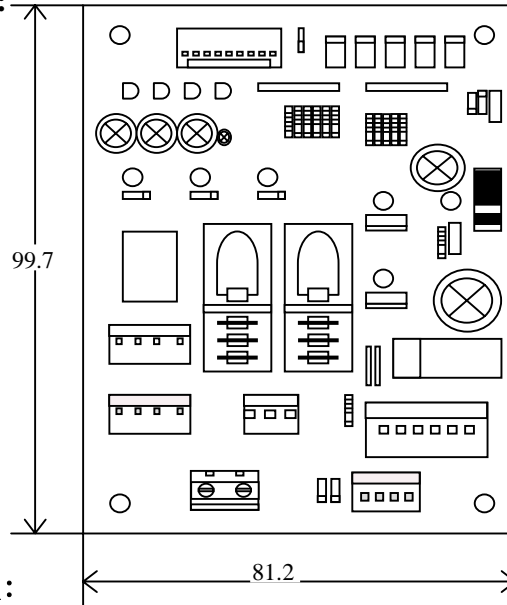
Main Operating Board Dimension:



Secondary Operating Board Dimension:

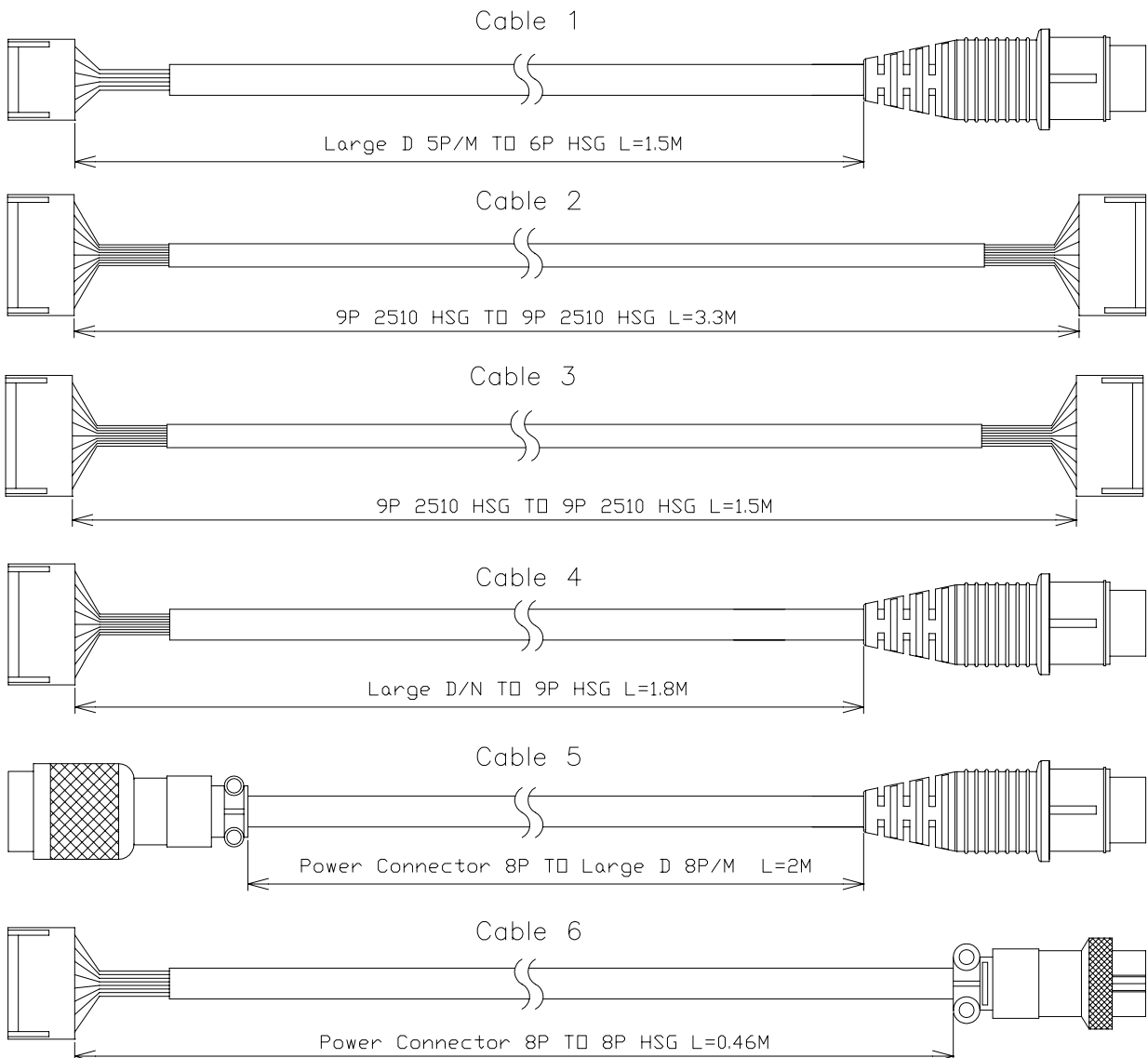


Treatment Board Dimension:



Connection Cable Dimension:

(M1 Memory Type)



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HB3X is a compact design with a beautiful streamline shape. LINKAN A/C offers HB3X with protection class IP66 as standard and with function of simultaneous movement (twin action). It can be used in homecare and nursing beds and the price is very competitive.

Features:

- Handset for operating up to 3 actuators
- Easily operated by both left-and right-handers
- Ergonomic and elegant design
- Tactile TACT switches secure long lifetime
- Up to 6 easy-touch buttons
- Protection class: IP66
- 1m straight cable + 20 cm coiled cable
- Hook for easy placement
- Color: Black

Options:

- Either control back and foot separately or simultaneously
- Power indicator light
- The length of coiled cable can be ordered upon customer's needs
- Straight cable 90° Din plug (for CB06 of LA30 only)
- Customized front cover (Min. Order: 1,000pcs)
- Color: Gray-white (Min. order: 1,000 pcs)



HB3X Ordering Example:

HB3 3 S C - C 0

FRONT COVER

0 : STANDARD

1 : TWIN ACTION FUNCTION

CABLES

L : 40CM COILED + 1M STRAIGHT CABLE(7 CORES)

C : 20CM COILED + 1M STRAIGHT CABLE(7 CORES)

S : 2M STRAIGHT CABLE(7 CORES),WITOUT PLUG.

COLOR

- : Black

+ : Gray-White

FUNCTION (Operate two actuators simultaneously)

C : TWIN ACTION FUNCTION

TYPE OF PLUG

S : 8 Pin Din (STANDARD)

B : 90° Din Plug (ONLY FOR CB06 & LA30.1)

NO. OF CHANNELS

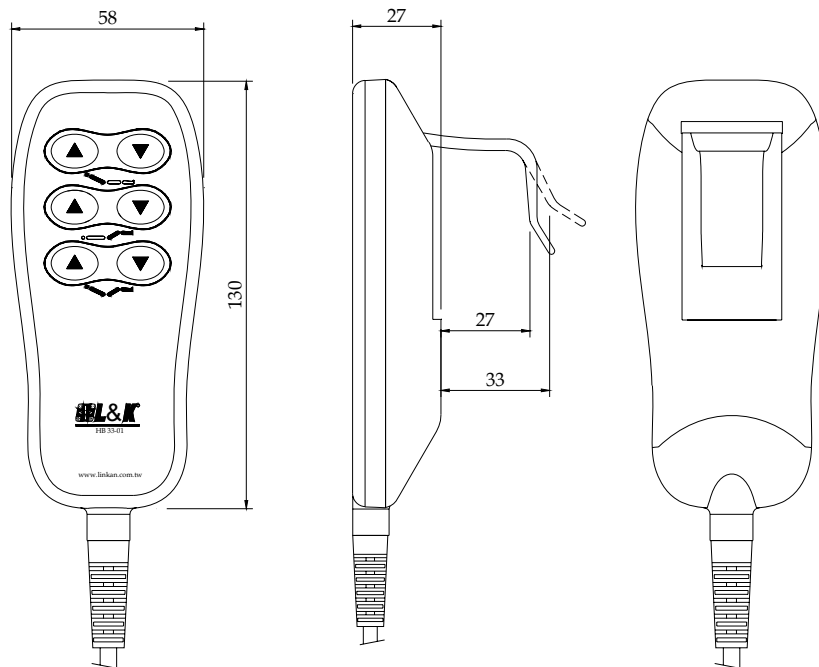
1 : 1 CHANNEL

2 : 2 CHANNELS

3 : 3 CHANNELS

HANDSET TYPE HB30

Dimensions:



Notice:

- ★ Max. 6 press buttons; Can operate 3 actuators movement
- ★ Can be used with CB02、CB06、CB07、CB09、CB12、CB16、LA30

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HB5X



HB5X combines ergonomic design and functionality. LINKAN A/C offers HB5X with protection class IP54 as standard and simultaneous movement.

Features:

- Handset for operating up to 4 actuators
- Easily operated by both left-and right-handers
- Ergonomic and elegant design
- Tactile SMD switches secure long lifetime
- Protection class: IP54
- 0.6m coiled cable
- Up to 10-easy touch buttons
- Easy to disassemble and repair
- Hook for easy placement
- Color: Black
- Can used with ACP handset
- Power display

Options:

- Parallel drive: up to 4 actuators
- Color: Gray-white
- Front and back inclination function
- Left and right inclination function
- S straight cable

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

HB5X Ordering Example:

HB5 3 = C 0

FRONT COVER

0 : STANDARD

1 : FOUR BUTTONS (back /* up and dn/ leg/ Front and back
* trendelenburg)

01 : FOUR BUTTONS SIGNAL ACTION (For ACP)

02 : FOUR BUTTONS (*back and leg with function of simultaneous movement)

P.S * up and dn : Control two actuators with function of simultaneous movement (extend and backward with function of simultaneous movement)

* trendelenburg : Control two actuators with function of simultaneous movement (extend function and backward function)

* back and leg with function of simultaneous movement :

Control two actuators with function of simultaneous movement (extend and backward with function of simultaneous movement)

CABLE

L : 40CM COILED CABLE + 1M STRAIGHT CABLE

C : 20CM COILED CABLE + 1M STRAIGHT CABLE

S : STRAIGHT CABLE

0 : WITHOUT PLUG

COLOR

- : Black

+ : Gray-white

NO. OF CHANNELS

1 : 1 CHANNEL

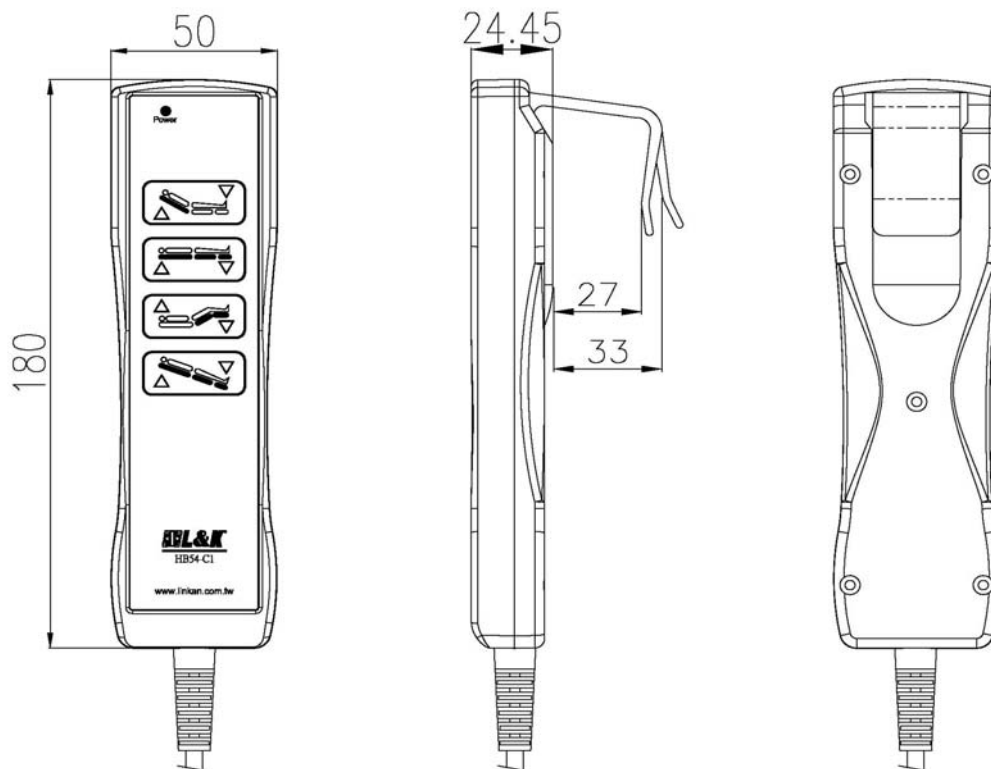
2 : 2 CHANNELS

3 : 3 CHANNELS

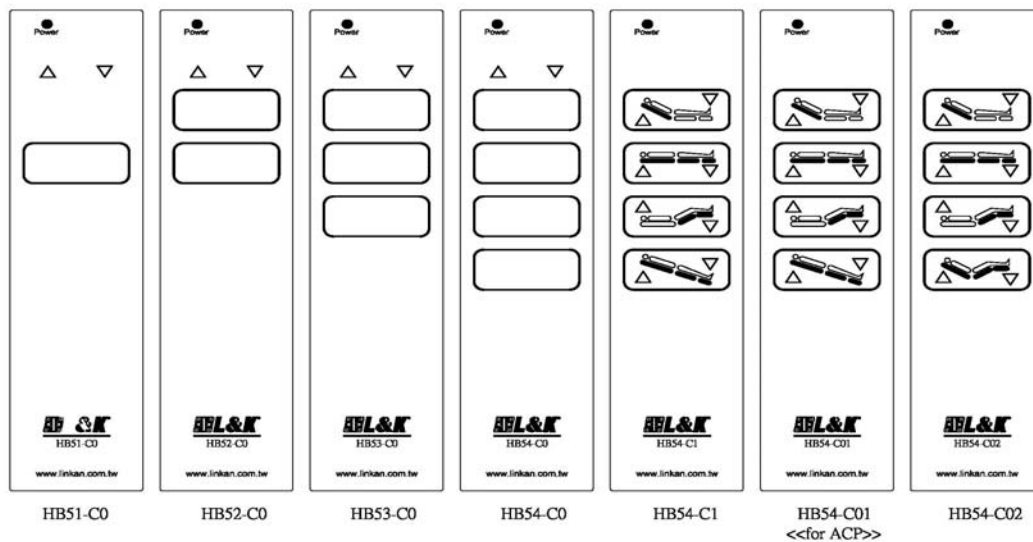
4 : 4 CHANNELS

HANDSET TYPE HB5X

Dimensions:



<HB5X系列>



Notice:

- ★ Max. 8 press buttons. Can operate 4 actuators
- ★ Can used with ACP handset

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

HB5M



HB5M combines ergonomic design and functionality. LINKAN A/C offers HB5M with protection class IP54 as standard and simultaneous movement.

Features:

- Special match for CB18 control box and handset for operating up to 5 actuators
- Easily operated by both left-and right-handers
- Ergonomic and elegant design
- Tactile Tactual switches secure long lifetime
- Protection class: IP54
- 0.6m coiled cable
- Up to 12-easy touch buttons
- Easy to disassemble and repair
- Hook for easy placement
- Color: Black
- Can used with ACP handset
- Power lock display , the buttons-locked and return function

Options:

- Memory function
- Parallel drive: up to 5 actuators
- Color: Gray-white
- Front and back inclination function
- Left and right inclination function
- S straight cable(connect cable)

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.



HB5M Ordering Example:

HB5 6 - C 0

FRONT COVER

0 : STANDARD(HB56-C0 : FIVE ACTUATORS SIGNAL ACTION FUNCTION) (UP AND DN/ TRENDELENBURG/BACK/TILT/MOVE)

1 : HB55-C1 FOUR BUTTONS(BACK/UP AND DN/LEG/ TRENDELENBURG)

*up and dn button =trendelenburg button

* up and dn : Control two actuators with function of simultaneous movement (extend and backward with function of simultaneous movement)

* trendelenburg : Control two actuators with function of simultaneous movement (extend function and backward function)

02 : HB55-C02 : THREE BUTTONS (BACK/UP AND DN/LEG/BACK AND LEG WITH FUNCTION OF SIMULTANEOUS MOVEMENT)

* back and leg with function of simultaneous movement : Control two actuators with function of simultaneous movement (extend and backward with function of simultaneous movement)

CABLE

L : 40CM COILED + 60CM STRAIGHT CABLE (9 CORES)

C : 30CM COILED + 1M STRAIGHT CABLE (9 CORES)

S : 2M STRAIGHT CABLE (9 CORES),WITHOUT PLUG.

COLOR

- : Black

+ : Gray-white

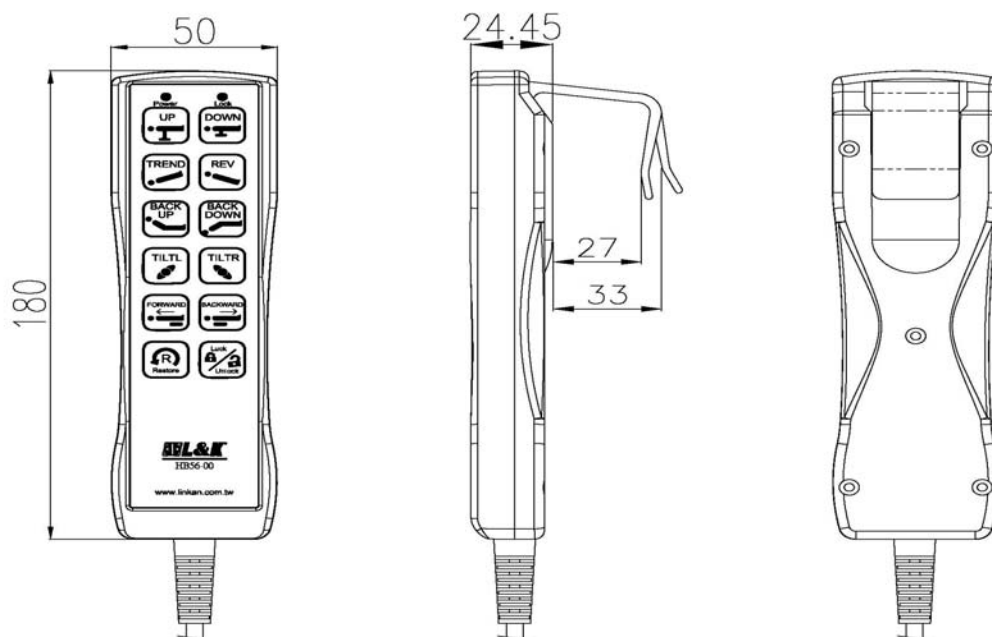
NO. OF CHANNELS

5 : 4 CHANNELS 5 ROWS FUNCTIONS FOR CB18

6 : 5 CHANNELS 6 ROWS FUNCTIONS FOR CB18

HANDSET TYPE HB5M

Dimensions:



<HB5M系列>



Notice:

- ★ Max. 12 press buttons. Can operate 5 actuators
- ★ HB5M 系列 cannot match the ACP use

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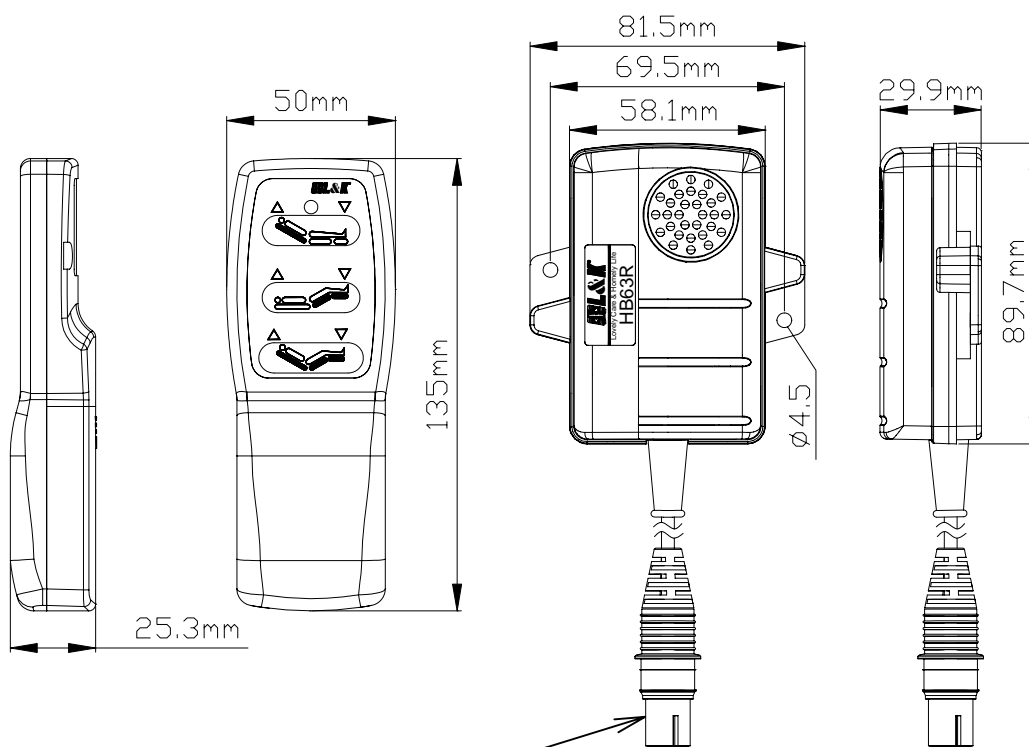
HB63R&S



This is a remote controller particularly for homecare beds & chairs. The streamline shape and no dead space for remote control are the most outstanding features. It is compatible with control box, CB02S.2.

Features:

- Max. 2 actuator operation
- Simultaneous movement for CH1 & CH2 (Twin action function)
- No dead space for remote control
- Power indicator light



Remote controller -HB63S

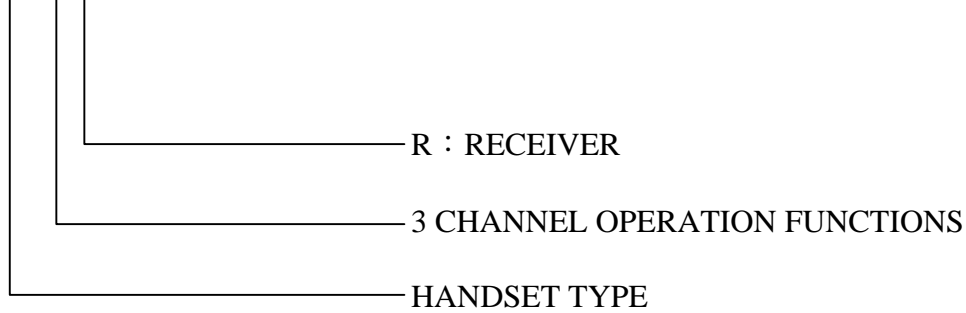
9P signal plug (male)

Receiver -HB63R

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

HB63R&S Options:

HB6 3 R



HB6 3 S

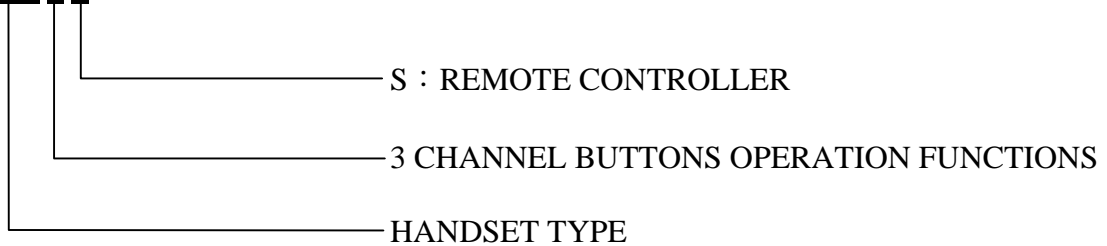
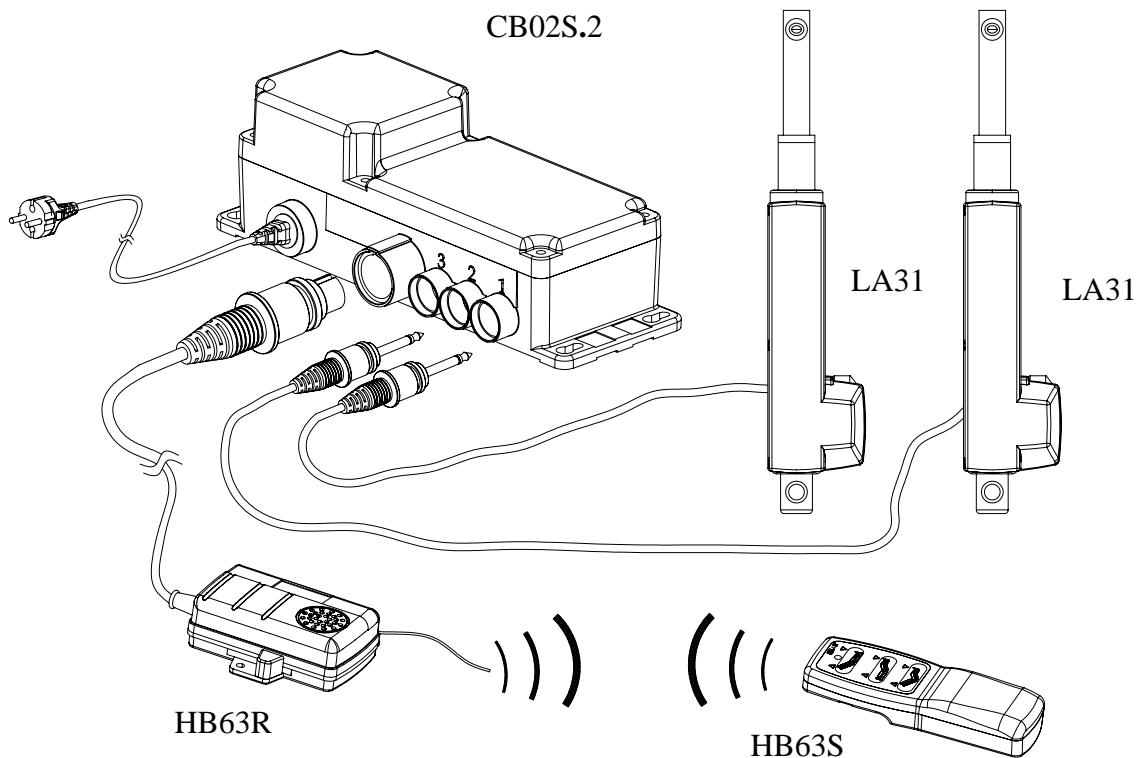


Illustration of installation :



※HB63R is only compatible with CB02.S2 dated at Jan. 01, 2006 or later.

Notice:

- ★ HB63R and HB63S only can be used with CB02S. 2
- ★ Standard Color: Gray-White



HB8X combines ergonomic design and functionality. LINKAN A/C offers HB8X with protection class IP54 as standard and a series of function such as memory and simultaneous movement.

Features:

- Handset for operating up to 4 actuators
- Easily operated by both left-and right-handers
- Ergonomic and elegant design
- Tactile SMD switches secure long lifetime
- Protection class: IP54
- 0.6m coiled cable
- Up to 10-easy touch buttons
- Easy to disassemble and repair
- Hook for easy placement
- Color: Black
- Can used with ACP handset

Options:

- Memory function
- Parallel drive: up to 4 actuators
- Color: Gray-white
- Front and back inclination function
- Left and right inclination function
- S straight cable

HB8X Ordering Example:

HB8 3 - C 0

FRONT COVER

0 : STANDARD

1 : TRENDLENBURG FOR CB16

2 : TRENDLENBURG FOR CB24

3 : TILTING (REVERSE BED) FOR CB22R

4 : MEMORY FOR CB05

5 : 4 AXES 5 FUNCTIONS FOR HB85

CABLE

L : 40CM COILED + 1M STRAIGHT CABLE(9 CORES)

C : 20CM COILED + 1M STRAIGHT CABLE(9 CORES)

S : 2M STRAIGHT CABLE(9 CORES), WITHOUGHT PLUG.

COLOR

- : Black

+ : Gray-white

NO. OF CHANNELS

1 : 1 CHANNEL

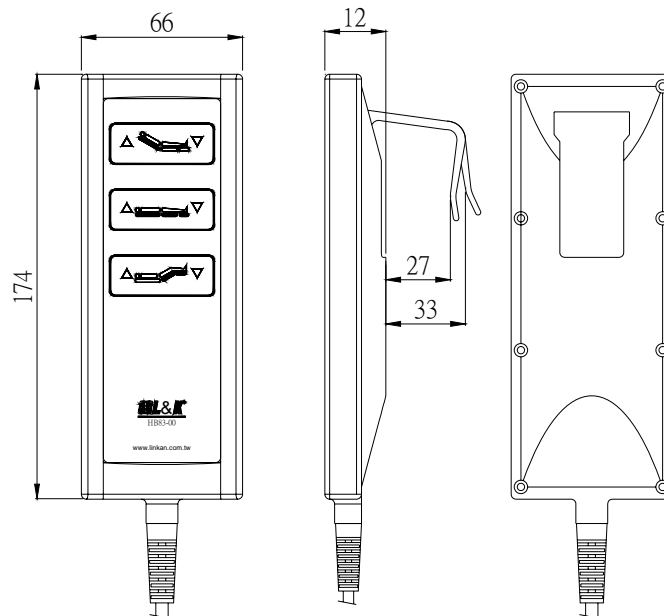
2 : 2 CHANNELS

3 : 3 CHANNELS

4 : 4 CHANNELS

5 : 4 CHANNELS 5 Functions For CB6

Dimensions: **HANDSET TYPE HB80**



Notice:

- ★ Max. 10 press buttons. Can operate 4 actuators
- ★ Can used with ACP handset
- ★ HB85 cannot match the ACP use

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

LINKAN ASIA CO.

9/8/2009



LINKAN A/C Foot Switch is designed and developed for LINKAN A/C controller. LINKAN A/C Foot Switch is designed to control hospital beds, obstetric tables, rehabilitation beds, beauty salon chairs, etc.

For user's convenience, 4-set control is designed on one Foot Switch. It is easier and more accurate for operation.

Features:

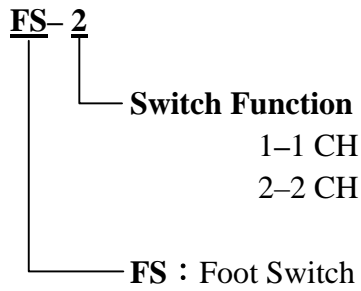
- Streamline shape and ergonomic design.
- Compatible with LINKAN A/C controller CB02, CB05, CB06, CB09, CB12 and CB16
- Up to two-channel control.
- Protection class: IP45

Switch Functions:

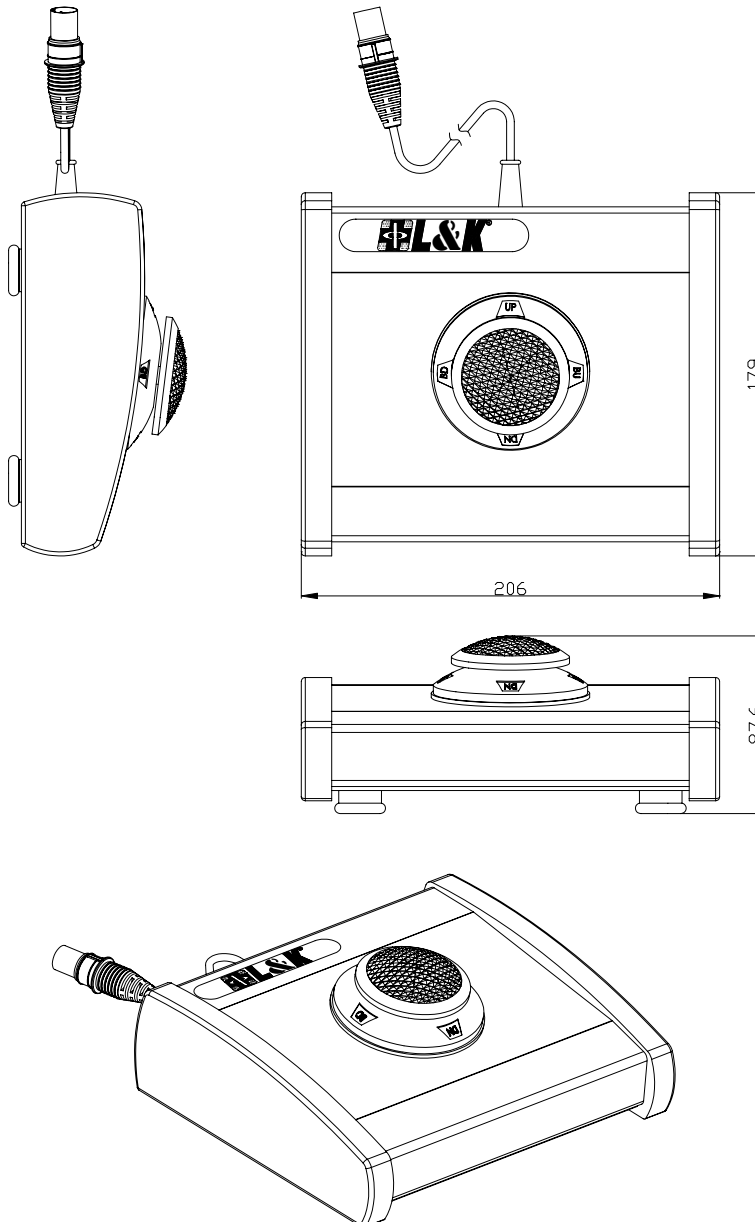
CH \ FS	UP	DN	BU	BD
CH1-UP	⊙			
CH1-DN		⊙		
CH2-UP			⊙	
CH2-DN				⊙



FS Ordering Example:



Dimensions



Notice:

Max. operate 2 actuators.

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LINKAN ASIA CO.
2007/3/1

FLS

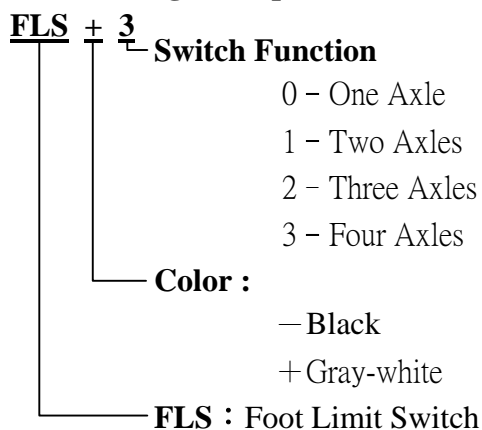


The single axle Foot Limit Switch (FLS) is developed for operating in coordination with LINKAN A/C controller. FLS can be used on hospital beds, gynecological table, beauty salon chairs, operating tables, etc.

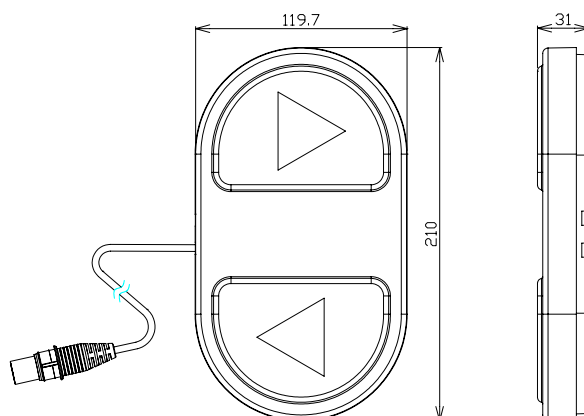
Features:

- Simple and practical design.
- Protection class: IP 66
- The user can control one actuator with 2 or above FLS by series connection, or control actuators with 2 or above FLS.
- Endurable for impaction. With long life-span
- Cheaper price

FS Ordering Example:



Dimensions



Notice:

- ★ Can be used with CB02、CB05、CB06、CB07、CB09、CB12、CB16
- ★ Can control up to 4 actuators with 2 or above FLS by series connection

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

ACP



ACP (Attendant Control Panel) is designed for most electric hospital and care beds. It allows nursing staff not only to directly control the position functions, but also to lock the single function or whole position functions.

ACP is an ergonomic design and easy to install on most electrical beds. The installation position is supposed to be out of reach of the patient (such as in the foot end broad of bed). This is to prevent inappropriate or even dangerous operation to the patient and stop the handset function.

Features:

- Control up to 4 channels while connecting with CB09, CB16 or CB24
- Beautiful streamline shape and compact design
- High-strength plastic housing protects the electronics
- ACP with keyboard can be used as an extra handset
- Protection class: IP51
- 2M straight cable
- Color: Gray-white
- Return to original position Function Button(This function can let all actuators return to the original position)
- Can be used with HB8X series handsets simultaneously

Options:

- Protection class: IP66
- The length of coiled cable can be ordered for customers' needs
- If other front covers than standards are requested, customers themselves must design them. The plates designed by the customers can be executed according to their own designs including channel functions.
- Customized front cover (Min. Order: 1,000 pcs)

ACP Ordering Example:

ACP 4 - S - A

FUNCTION

A : A type ACP rotating buttons lock both ACP and handset

B : B type ACP rotating buttons only lock handset, pressing buttons on ACP still can work

HANDSET

S : FOR CB16

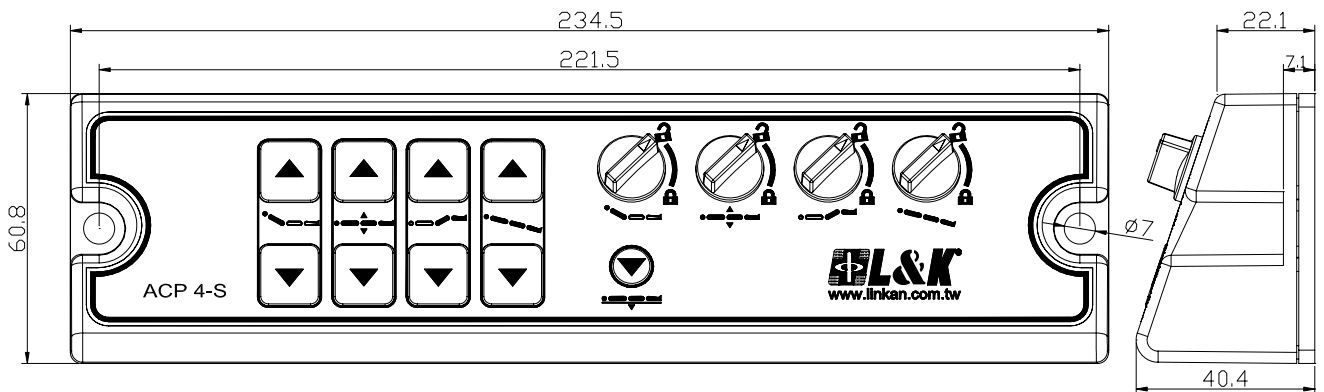
NO. OF CHANNELS

3 : 3 CHANNELS (Can choose A or B type ACP)

4 : 4 CHANNELS (Only used in A type ACP)

TYPE ACP

Dimensions:



Notice:

- ★ Can used with CB09 、CB16
- ★ Only control 3 axis and 4 axis actuators system
- ★ A type ACP: When functions of any rotating button on ACP are locked, both handsets and pressing buttons on ACP will be locked.
- ★ Actuators can not be equipped with break functions when they are used with ACP together
- ★ When batteries provide electricity, ACP did not provide function of returning original place.

Specifications are subject to change without prior notice. It is the responsibility for the product users to determine the suitability of LINKAN A/C products for a specific application. LINKAN A/C will be responsible for replacing/ repairing defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/ repair.

HB23



HB23 is used with LA30. Its easy and simple design fit ergonomic design with beautiful sense. It is used in chairs and beds in the field of home nursing or leisure. It is very convenient.

Features :

- Well-touched button design
- 1m straight line + 20 cm coiled cable
- Not breakdown easily due to the pulling
- Useful hook design
- Hard housing material for the impact & not break easily
- Black housing for dirt -proof
- Shape with fashionable and beautiful sense
- Function of simultaneous movement

BH23 Ordering Example :

HB23 — C0

3-8 HB4X(NEW)



HB4X-C/-P



HB41-R(Wireless)

HB4X is a compact design with a beautiful streamline shape. LINKAN A/C offers HB4X with protection class IP54; it can be used in homecare sofa chairs competitive price

Moreover, there is a convenient option for the user to control with the wireless handset which can control one single actuator.

Features :

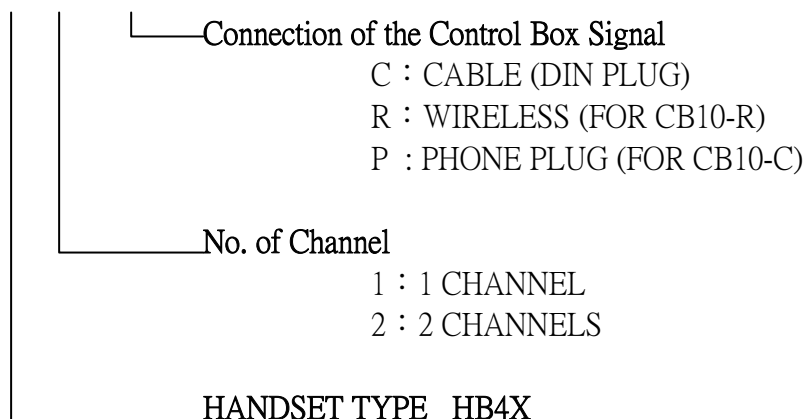
- Handset for operating up to 2 actuators.
- Easily operated by both left-and right-handers.
- Ergonomic and elegant design.
- Tactile switches secure long lifetime.
- Up to 4 easy-touch buttons.
- HB41-R is a wireless handset controlling one single actuator (work with CB10).
- HB41-P is in HONE PLUG, works with CB10, cabling control, and controls one single actuator.
- HB4X-C one straight cable+20 cm coiled cable (L TYPE DIN PLUG)
- Color: Black

Options :

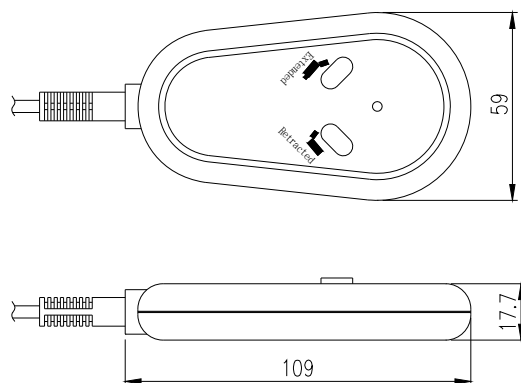
- Power indicator light
- Straight cable 90° DIN plug(for CB03 or LA29)

HB4X Ordering Example :

HB4 1 - C



Dimensions :



Attention point :

- ★Max. 4 press buttons; Can operate 2 actuators movement
- ★Can be used with CB03 、CB16 、LA29 、LA31
- ★HB41-R must work with CB10-R
- ★HB41-P must work with CB10-C

3-9 HS(NEW)



HS-L



HS-S-P



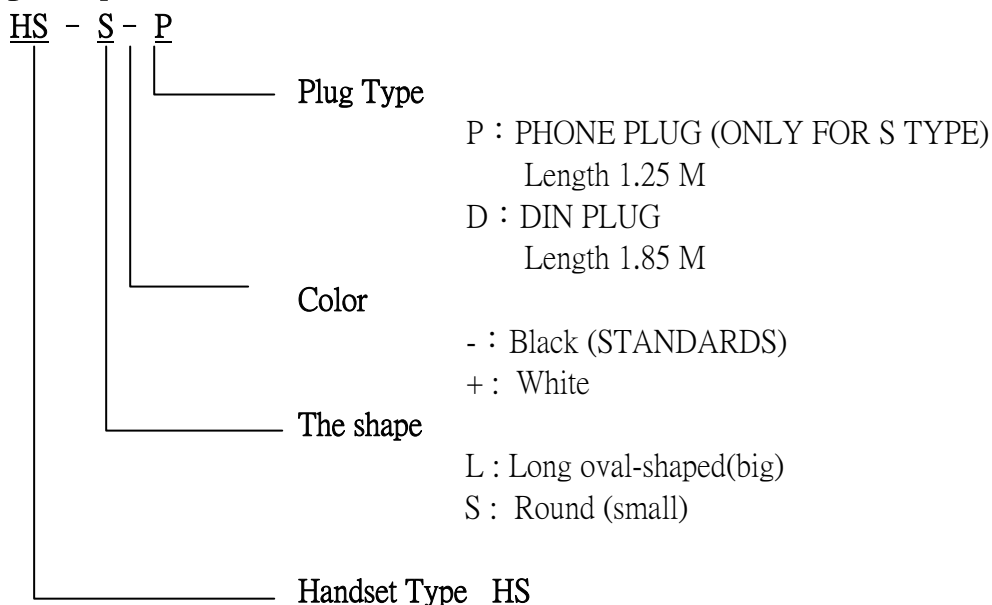
HS-S-D

The Single axle Hand Switch (HS) is developed for operation in Sofa Chair. HS can be used on Sofa Chairs, Leisure Chairs and Massage Chairs, etc.

Features :

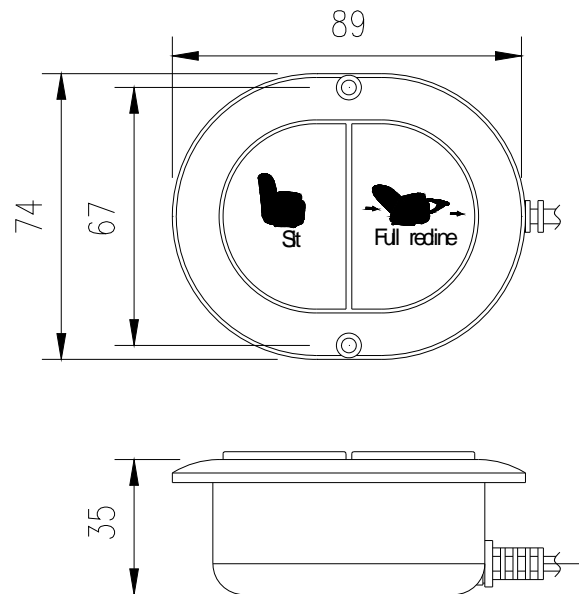
- Simple and oval shape design.
- Endurable for impaction. With long life-span.
- Cheaper Price.
- HS-S-P (PHONE PLUG), only for CB0.

HS Ordering Example :

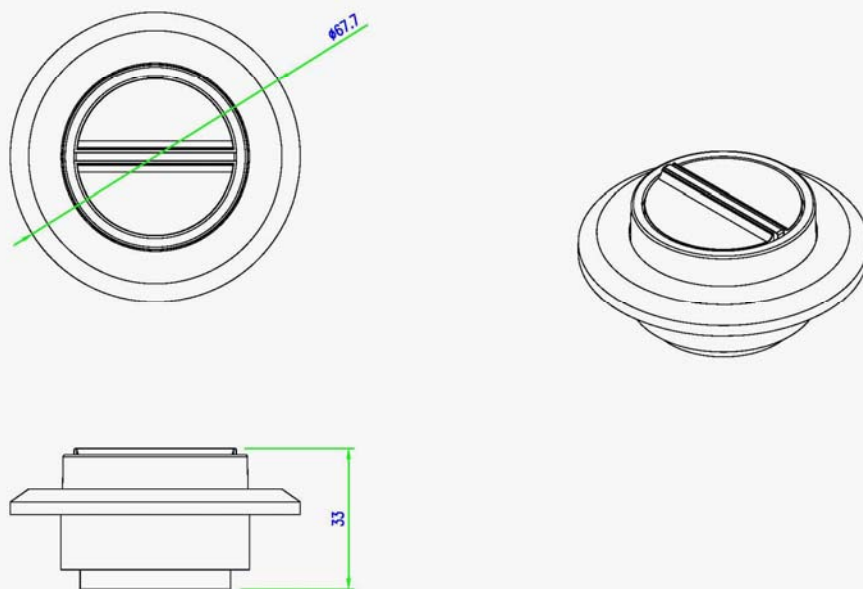


Dimensions:

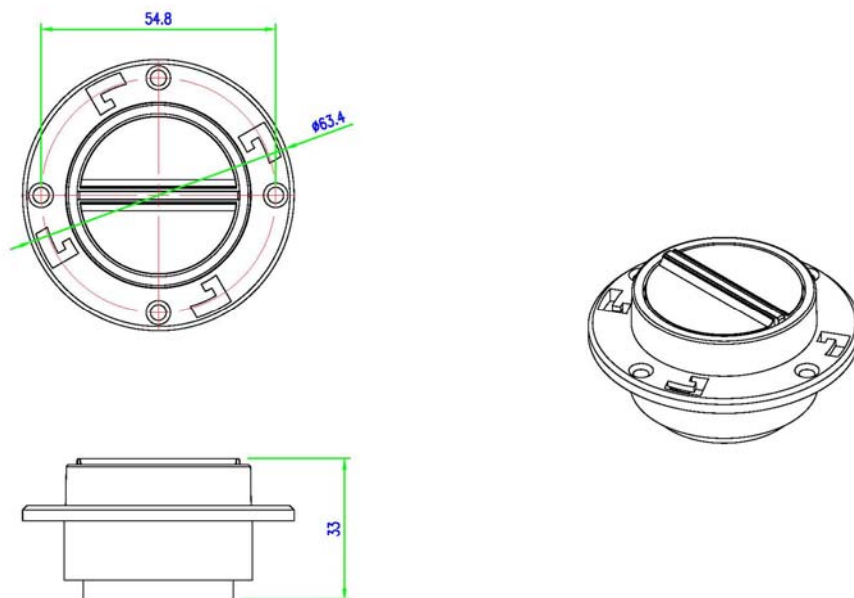
(1).HS-L:



(2).HS-S:



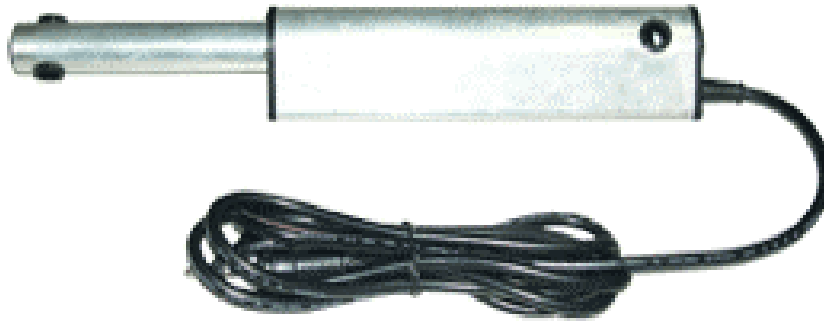
The Dimension of the HS-S Licking Knob



Notices :

- ★ HS-L/HS-S-D can be used with CB03 、LA29 、LA36
- ★ HS-S-P only for CB10 -C

TRANSMITTER

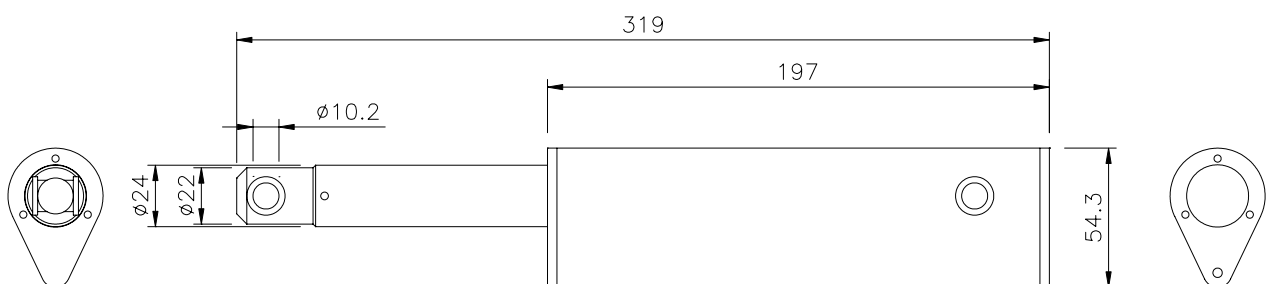


Transmitter is a sensor to detect stroke length. This is designed for CB22R & LA31, LA32 system solution. It can detect the stroke length between the two fixed point.

Features:

- TRANSMITTER is a accessory and designed for CB22R 、LA31 、LA32
- Surface material is aluminum alloy
- It is semi-manufactured for customers' own installation

Dimensions:



Notice:

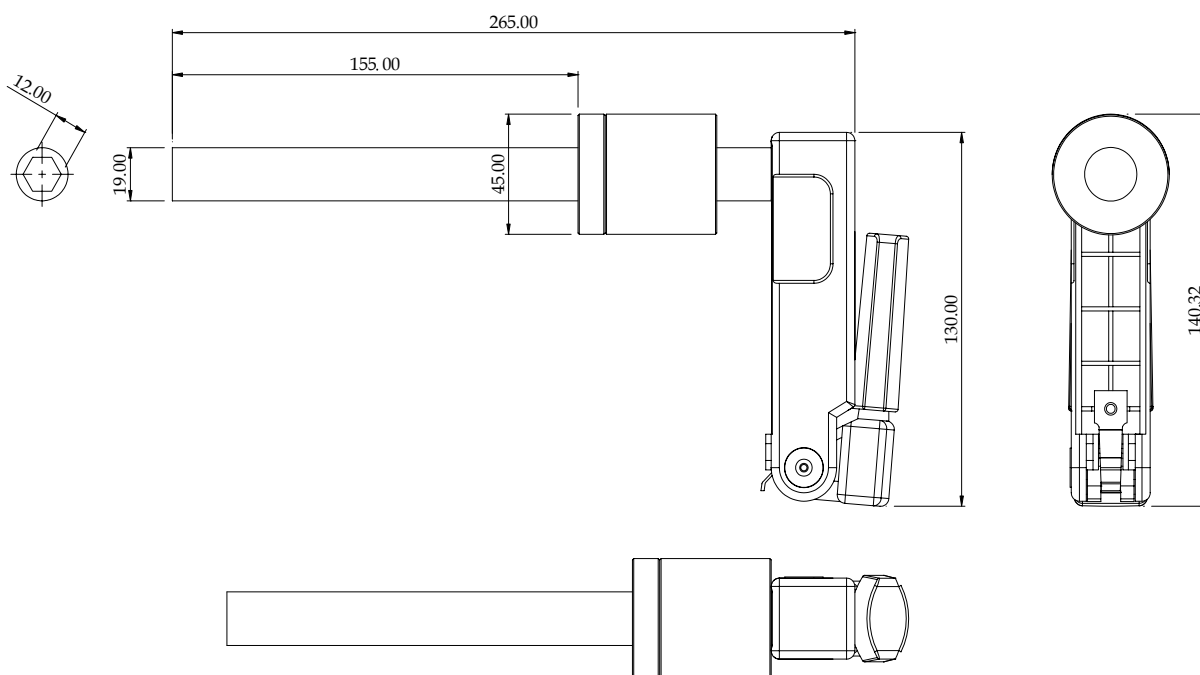
- ★ Must used with LA31, LA32 actuator with stroke 100mm



MOLR is for LA36 & LA37. This is a mechanic overload protection device with a patent. MOLR can prevent motor from damage if user operates incorrectly. It also can be used as a general crank.

Features:

- Ergonomic and simple design, the handle can be folded for easy placement
- Special mechanic design with a patent, easy for users to drive motors

Dimensions:



SLS limit switch is used with actuators of LINKAN A/C. It can be applied in the structure of actuators and has dual protection functions.

Features:

- Compatible with all LINKAN A/C systems
- Easy installation and small size
- Connected between actuators and control boxes
- Protection class: IP51
- Color: Gray-White

Options:

- IP55 or IP56
- Other specifications in the length of cable

SLS Ordering Example:

SLS. J 200 - D 100 - 2

Option

- 0 : 1 × NO switch external signal unit / simple switch function
- 1 : 1 × NC switch external signal unit / simple switch function
- 2 : 1 actuator outwards direction stops when switch is activated / inwards direction is always possible
- 3 : 1 actuator inwards direction stops when switch is activated / outwards direction is always possible
- 4 : Double switch : 2 × NO switches external signal unit / simple switch function
- 5 : Double switch : 2 × NC switches external signal unit / simple switch function
- 6 : Double switch : 2 × NO switch, 1 × NC switch external signal unit / simple switch function

Cable Length (For L2)

- 0 : 0 cm
- 100 : 100 cm
- 200 : 200 cm

Type Of Plug

- D : Din
- J : Jack
- X : Without Plug

Cable Length (For L1)

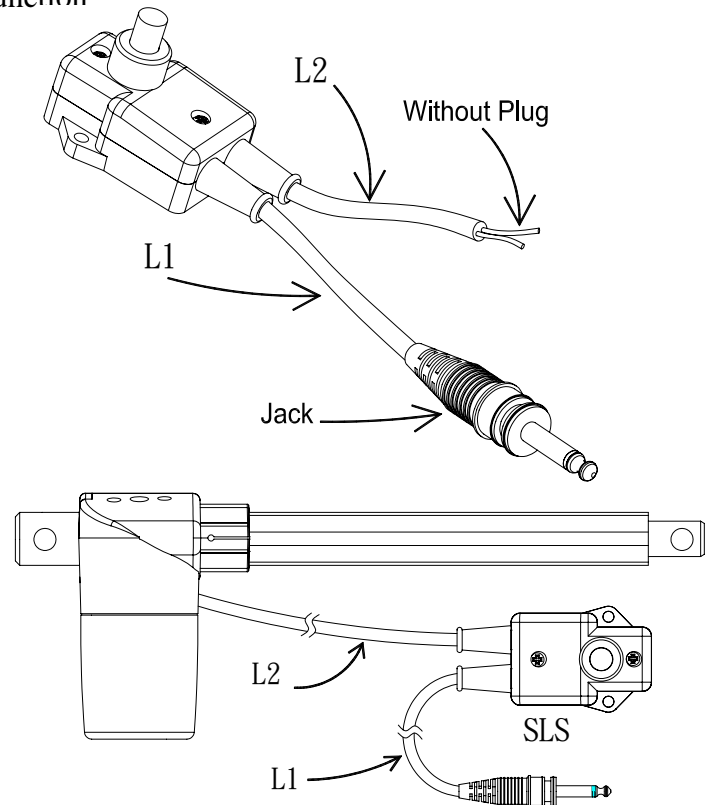
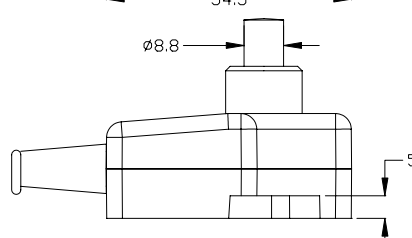
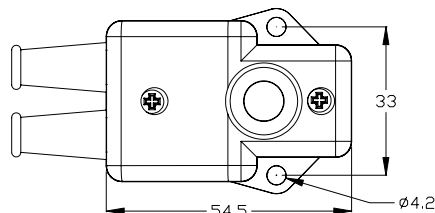
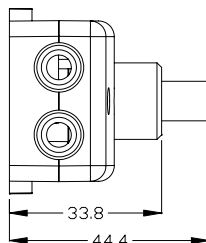
- 0 : 0 cm
- 100 : 100 cm
- 200 : 200 cm

Type Of Plug

- D : Din
- J : Jack
- X : Without Plug

SLS Type SLS-Standard

Dimensions:





مهندسی فراسیس

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