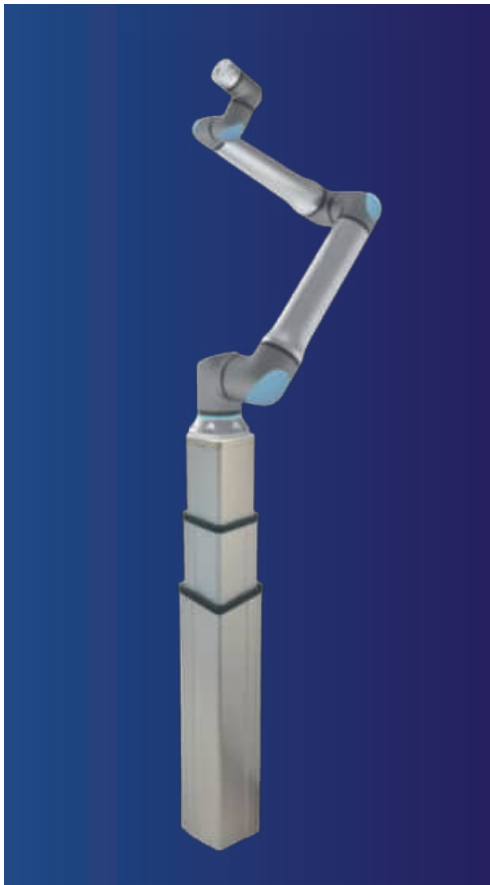


LIFTING COLUMNS

ES TECH PRODUCT CATALOGUE

Electric Lift for height adjustment
in Industrial, Medical, Furniture, and Automation markets



ES03, ES04, ES05, ES06
ES07, ES08, ES09, ES11
ES12, ES13, ES14, ES10

“

ES TECH is a Korean company that manufactures and provides the best quality electric lift(Lifting column) with technical experts who are fully experienced for over 20 years.

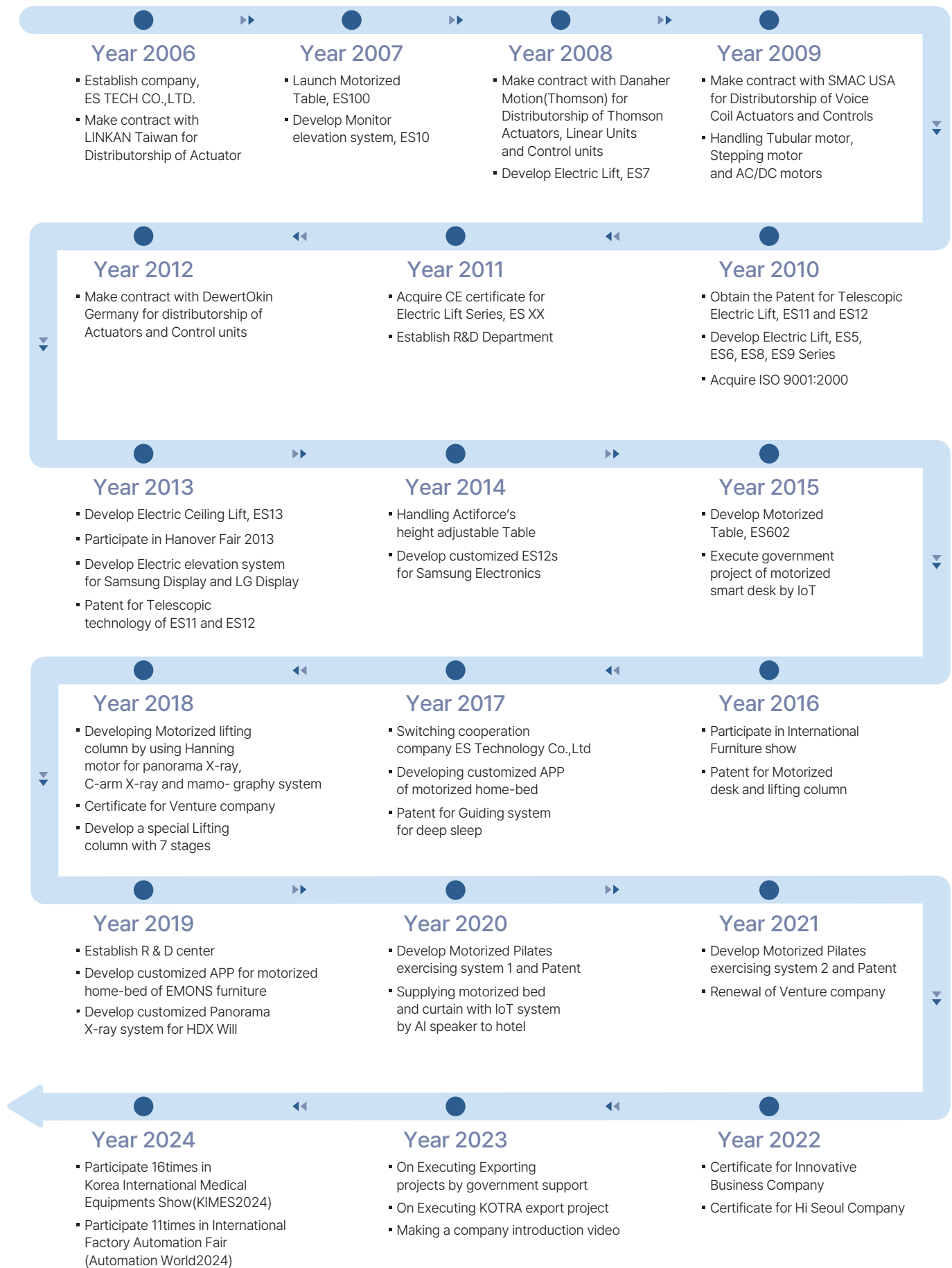
”

- Companies that develop and produce the best electric lift with long field experience and professional skills



- All lifting columns were designed and developed by ES TECH
 - Multiple patents held for multi-stage electric lift systems
 - 7 sizes of aluminum columns and multi-axis control system configurable
 - Prevent musculoskeletal industrial accidents by creating electric height-adjustable desks and workstations (Creating an ergonomic working environment)
 - The special sliding bearing pad in between the inner and outer columns provides the best stability at high side loads
-
- ES TECH is a leading company in the Korean market of electric lift with following advantages
 - The best technical support
 - Various experiences with system solutions in many fields for over 20 years
 - Provide case support according to each applications with innovative ideas
 - Provide warranty service by the best maintenance team
 - Investment for exhibition, advertisement and support the samples

● Company History



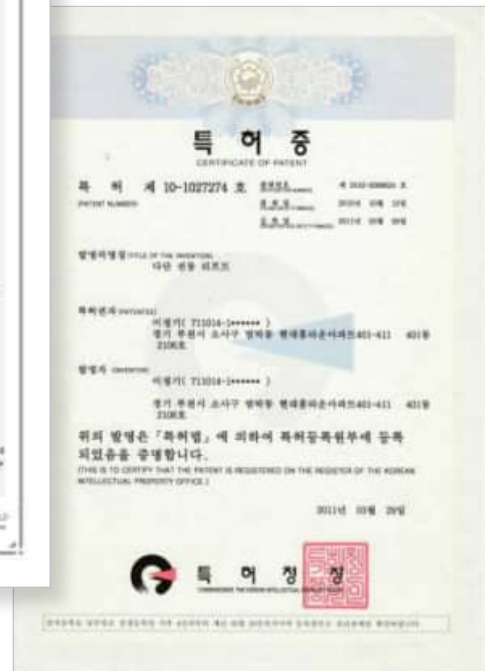
● Patent Certificate



ISO 9001 Certificate



CE Certificate for all of
ES Tech Electric Lifts



Patent for Telescopic Electric Lift, ES11 and ES12



Certificate for
Venture Company



Certificate for
R & D center



Certificate for Innovative
Business Company

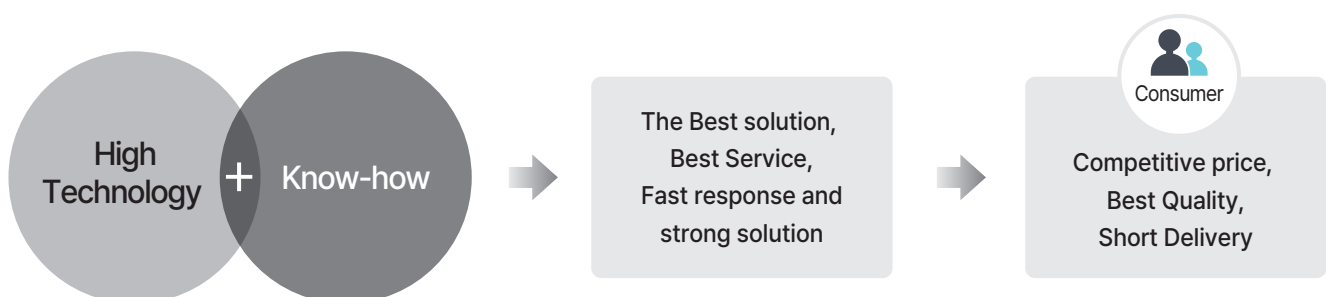
ORDERING KEY

ES 7 33.3.280.488 O J 3 C B

Anodizing	Blank B	Natural Anodizing Black Anodizing
Upper/Bottom Plate	Blank C	Standard Customized
Column section	Blank 3 4 5 6 7	2 sections 3 sections 4 sections 5 sections 6 sections 7 sections
Cable exit	Blank UW	Bottom Wire(standard) Upper Wire
Connector	Blank sJ J M2 M6	Large DIN 4pin connector Small Jack Large Jack(Ø5.5inch) Molex 2pin connector Molex 6pin connector
Control	O I S P	External control Internal control Synchronous/memory control (encoder-2channel hall sensors) Memory control(potentiometer)
Installation height	Unit : mm	
Stroke	Unit : mm	
Force	0.5 0.8 1 1.5 2 2.5 3 5 6 7 9 10	500N 800N 1000N 1500N 2000N 2500N 3000N 5000N 6000N 7000N 9000N 10000N
Motor type	C35 C50 C60 25 31 33 36 37 DS LM TA HN BLD MTB YSK PNS HWS HDR PNM XXX	concents con35 actuator concents con50 actuator concents con60 actuator Linkan LA25 actuator Linkan LA31 actuator Linkan LA33 actuator Linak LA36 actuator Linak LA37 actuator Dewert DS10 actuator Limoss motor Timotion actuator Hanning actuator BLDC motor Mitzubishi Servo motor Yaskawa Servo motor Panasonic Servo motor Hiwin Servo motor Hydraulic cylinder Pneumatic cylinder Customized motor
Capacity	Blank S L	Standard Small capacity Large capacity
Model number	2 3 4 5 6 7 8 9 10 11 12	On development Largest tube size □230x144 Largest tube size Ø90 Largest tube size □90 Largest tube size □147 Largest tube size □164x130 Largest tube size □120 Largest tube size □136 Motorized Monitor lift Largest tube size □152 Largest tube size □168
ES TECH Lifting column		

● The best quality of ES TECH Electric Lift(Lifting column)

- Alternative of complicate Hydraulic and Pneumatic lifting system
- Various forces(max. 10,000N), strokes(max. 2M) and speeds are available on request
- High-capacity, small size and slim/compact design
- High Bending moment(high offload - max. 2500Nm)
- Low noise level
- Robust & Stable
- Quality warrantee by CE certificate ISO9001
- Various shapes and Multi-section columns(max. 7 sections)
- Synchronous(parallel) control for 2~8 columns, memory function, soft start/stop function by encoder(2channel hall sensors) or potentiometer as options.
- Positioning control by modBus TPC/IP, RS485, CAN and EtherCAT with PC or PLC
- Internal Pneumatic system for continuous operation at high speed is possible on request.
- Internal Hydraulic system for heavy loads is possible on request.
- Multi-section telescopic lifting columns provide you efficient retracted length.
- All tubes are made by aluminum and the tubes are finished by durable natural anodized coating or black-anodized coating.
- Competitive price level
- Short delivery lead time
- Wide applications
- Best reliability

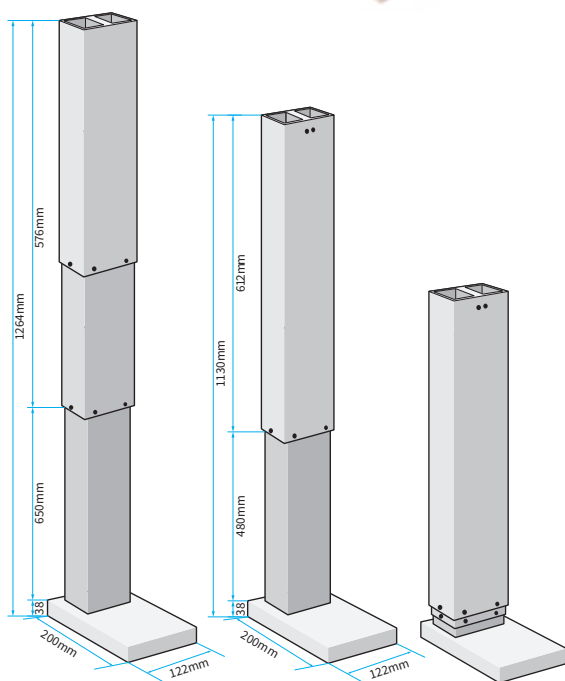




Electric Lift (Lifting Column)

ES 03	8
ES 04	9
ES 05	10
ES 06	11
ES 07	12
ES 08	13
ES 09	14
ES 11	15
ES 12	16
ES 12 (Lifting Column Ceiling system)	17
ES 12 (Multi-stage Lifting column)	18
ES 13	20
ES 14	21
ES 10 (MONITOR LIFT)	22

E-LIFT (ES03)



Technical Data

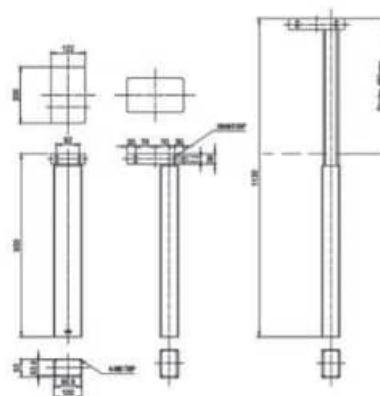
- Lifting force : 800N
- Stroke : 480mm(2-sections) / 680mm(3-sections)
(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed : 22mm/s
- Input Power : DC12V
- Single or synchronous operation
- Encoder with 2 channels hall sensor
- 2-sections and 3-sections Lifting column
- Min. height 690mm and Max. height 1170mm with 2-sections lifting column
- Min. height 660mm and Max. height 1340mm with 3-sections lifting column
- Duty cycle : max. 10% or 2 / 18 min. intermittent duty

* Recommended to use the compatible controller, handset, table handset or footswitch together.

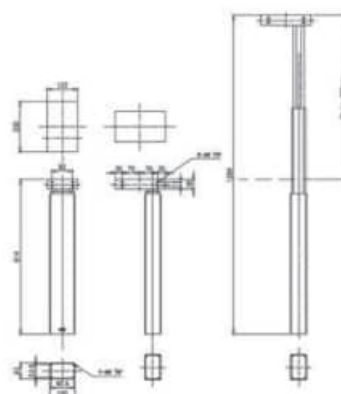
* Customized specification is available on request. (Please inquire us)

Dimension

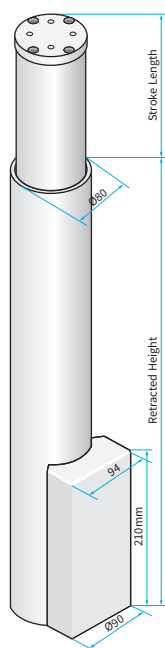
- 2 sections lift



- 3 sections lift



E-LIFT (ES04)



Technical Data

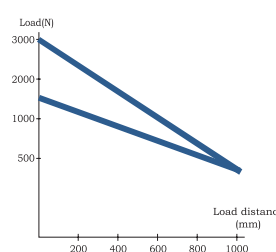
- Lifting forces: 1000N / 2000N / 3000N
- Stroke: max. 500 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 12 mm/s ~ 40 mm/s (max. speed is under DC30V)
- Input Power: Standard DC24V(max. DC30V)
- Current limit PC board inside
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor
- Safety nut
- 2-section lifting column
- The bending moment(offset load): max. 500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

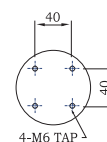
Dimension

Electrical settings (mains operated)



Bending moment load diagram
* Can be changed by internal motor.

Top and base plate



Standard Lift Column

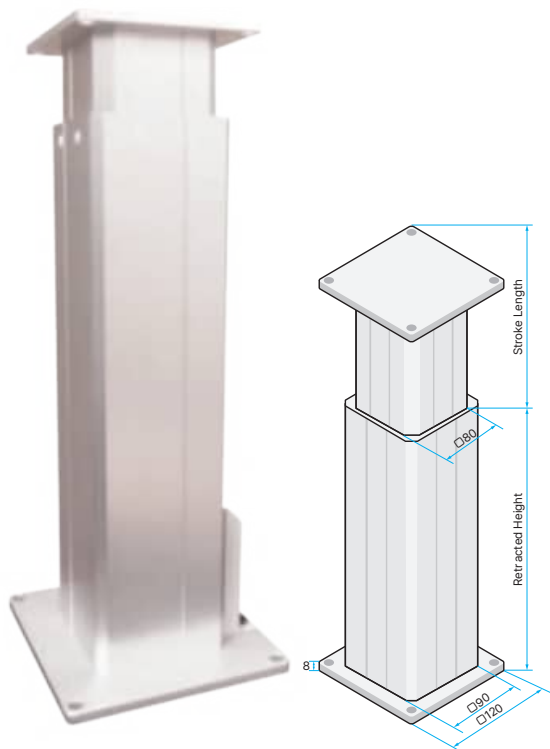
	Installation height top and base plate	Stroke length(mm)	Load (N)	Speed (mm/s) unloaded / max load
ES04-39.1.100.424-O	424	100	1000	28/22
ES04-39.1.100.474-O	474	150	1000	28/22
ES04-39.1.100.524-O	524	200	1000	28/22
ES04-39.1.100.574-O	574	250	1000	28/22
ES04-39.1.100.624-O	624	300	1000	28/22
ES04-39.3.100.424-O	424	100	3000	28/22
ES04-39.3.100.474-O	474	150	3000	28/22
ES04-39.3.100.524-O	524	200	3000	28/22
ES04-39.3.100.574-O	574	250	3000	28/22
ES04-39.3.100.624-O	624	300	3000	28/22

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

E-LIFT (ES05)



Technical Data

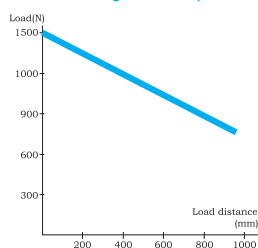
- Lifting forces: 500N ~ 6000N
- Stroke: max. 1000 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 25 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V (max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor
- Safety nut
- 2-section lifting column
- The bending moment (offset load): max. 800Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty
* Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

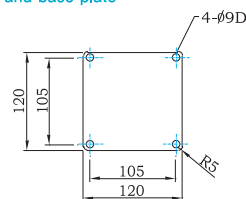
Dimension

Electrical settings (mains operated)



Bending moment load diagram
* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

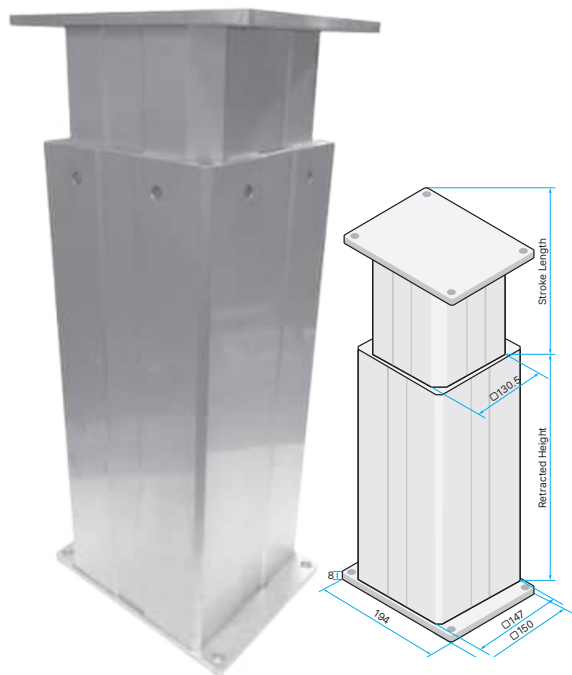
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load		Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES05-25.0.3.100.220-O	220	100	300	24/19	ES05-31.1.5.150.364-O	364	150	1500	18/15
ES05-25.0.3.150.270-O	270	150	300	24/19	ES05-31.1.5.200.414-O	414	200	1500	18/15
ES05-25.0.3.200.320-O	320	200	300	24/19	ES05-31.1.5.250.464-O	464	250	1500	18/15
ES05-25.0.3.250.370-O	370	250	300	24/19	ES05-31.1.5.300.514-O	514	300	1500	18/15
ES05-25.0.3.300.420-O	420	300	300	24/19	ES05-31.1.5.400.614-O	614	400	1500	18/15
ES05-25.0.3.350.470-O	470	350	300	24/19	ES05-31.1.5.500.714-O	714	500	1500	18/15
ES05-25.0.8.100.220-O	220	100	800	10/8	ES05-31.5.100.314-O	314	100	5000	6/4
ES05-25.0.8.150.270-O	270	150	800	10/8	ES05-31.5.150.364-O	364	150	5000	6/4
ES05-25.0.8.200.320-O	320	200	800	10/8	ES05-31.5.200.414-O	414	200	5000	6/4
ES05-25.0.8.250.370-O	370	250	800	10/8	ES05-31.5.250.464-O	464	250	5000	6/4
ES05-25.0.8.300.420-O	420	300	800	10/8	ES05-31.5.300.514-O	514	300	5000	6/4
ES05-25.0.8.350.470-O	470	350	800	10/8	ES05-31.5.400.614-O	614	400	5000	6/4
ES05-31.1.5.100.314-O	314	100	1500	18/15	ES05-31.5.500.714-O	714	500	5000	6/4

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offload) have to be longer than standard.

E-LIFT (ES06)



Technical Data

- Lifting forces: 1000N / 3000N
- Stroke: max. 1000 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 15 mm/s ~ 80 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V (max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor
- Safety nut
- 2-section lifting column
- The bending moment (offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty

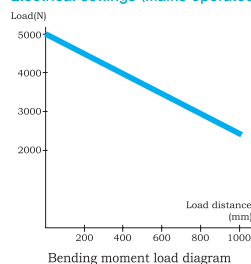
* Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

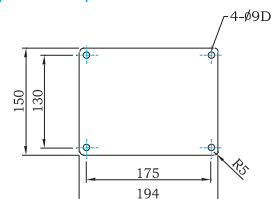
Dimension

Electrical settings (mains operated)



* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

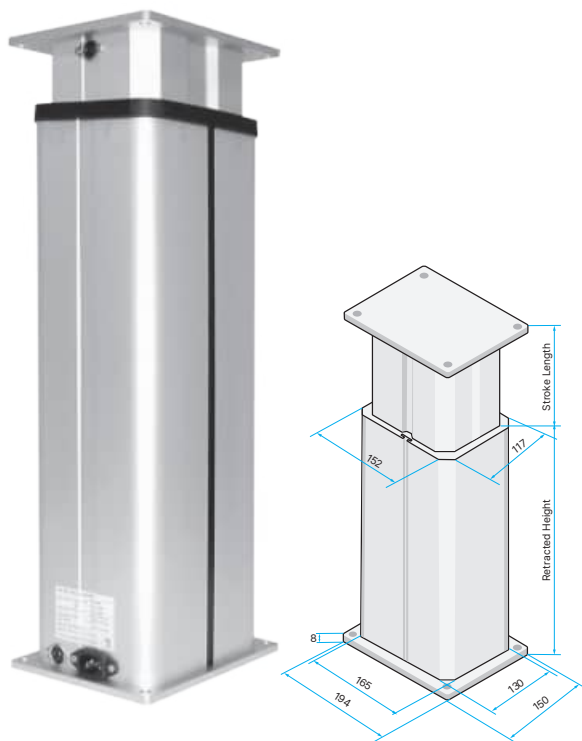
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES06-39.1.100.290-O	290	100	1000	28/22
ES06-39.1.150.340-O	340	150	1000	28/22
ES06-39.1.200.390-O	390	200	1000	28/22
ES06-39.1.250.440-O	440	250	1000	28/22
ES06-39.1.300.490-O	490	300	1000	28/22
ES06-39.3.100.290-O	290	100	3000	8/6
ES06-39.3.150.340-O	340	150	3000	8/6
ES06-39.3.200.390-O	390	200	3000	8/6
ES06-39.3.250.440-O	440	250	3000	8/6
ES06-39.3.300.490-O	490	300	3000	8/6

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offset load) have to be longer than standard.

E-LIFT (ES07)

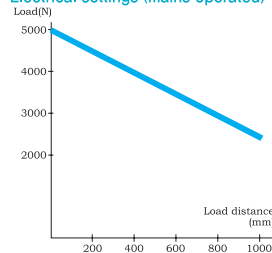


Technical Data

- Lifting forces: 500N ~ 10000N
- Stroke: max. 1000 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 120 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V (max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- The bending moment (offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty
* Can be changed by internal motor.
- Internal control box is available on request. (Standard type is outer control box)
- Any bracket or accessories can be installed in side slot with slot nut & bolt.
- * Recommended to use the compatible controller, handset, table handset or footswitch together.
- * Customized specification is available on request. (Please inquire us)

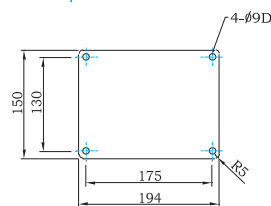
Dimension

Electrical settings (mains operated)



Bending moment load diagram
* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

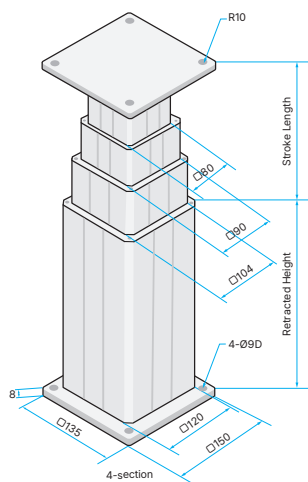
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load		Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES07-39.1.100.290-O	290	100	1000	28/22	ES07-33.5.200.388-O	388	200	5000	5/4
ES07-39.1.150.340-O	340	150	1000	28/22	ES07-33.5.280.486-O	486	280	5000	5/4
ES07-39.1.200.390-O	390	200	1000	28/22	ES07-33.5.300.510-O	510	300	5000	5/4
ES07-39.1.250.440-O	440	250	1000	28/22	ES07-MBZ.1.200.408-O	408	200	1000	17/13
ES07-39.1.300.490-O	490	300	1000	28/22	ES07-MBZ.1.300.520-O	520	300	1000	17/13
ES07-33.3.100.288-O	288	100	3000	8/6	ES07-MBZ.1.500.750-O	750	500	1000	17/13
ES07-33.3.150.338-O	338	150	3000	8/6	ES07-MBZ.3.200.408-O	408	200	3000	8/6
ES07-33.3.200.388-O	388	200	3000	8/6	ES07-MBZ.3.300.520-O	520	300	3000	8/6
ES07-33.3.250.445-O	445	250	3000	8/6	ES07-MBZ.5.200.418-O	418	200	5000	8/6
ES07-33.3.280.486-O	486	280	3000	8/6	ES07-MBZ.5.300.530-O	530	300	5000	8/6
ES07-33.3.300.510-O	510	300	3000	8/6	ES07S-0.8.240.435-O	435	240	800	22/17
ES07-33.5.100.288-O	288	100	5000	5/4	ES07-YSK.1.120.290-O	290	120	1000	50/41
ES07-33.5.150.338-O	338	150	5000	5/4					

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offset load) have to be longer than standard.

E-LIFT (ES08)

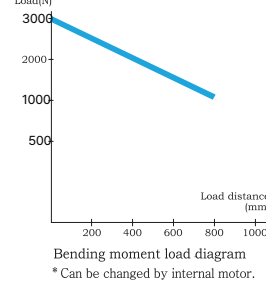


Technical Data

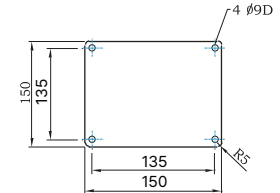
- Lifting forces: 500N ~ 10000N
- Stroke: max. 1000 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 8 mm/s ~ 40 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal motor.
- Current limit PC board inside
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section and 4-section lifting columns are available on request.
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty
* Can be changed by internal motor.
- * Recommended to use the compatible controller, handset, table handset or footswitch together.
- * Customized specification is available on request. (Please inquire us)

Dimension

Electrical settings (mains operated)



Top and base plate



Standard Lift Column

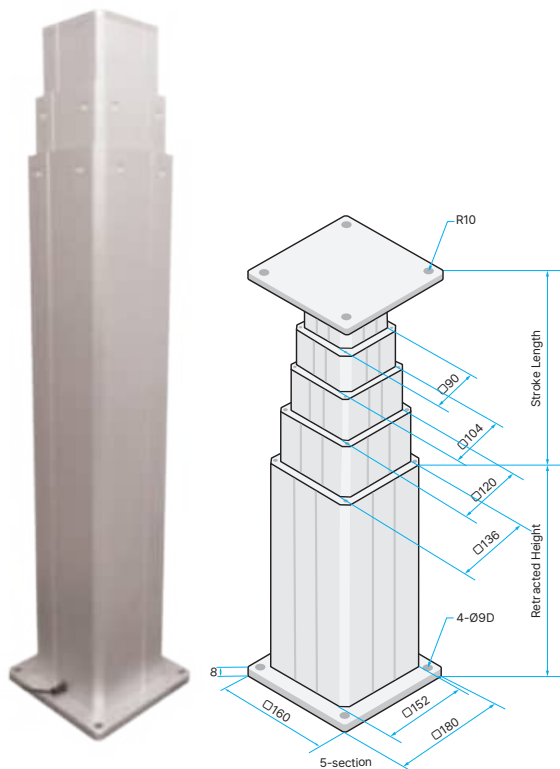
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load		Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES08-25.0.3.100.220-O	220	100	300	24/19	ES08-39.1.100.290-O	290	100	1000	28/22
ES08-25.0.3.150.270-O	270	150	300	24/19	ES08-39.1.150.340-O	340	150	1000	28/22
ES08-25.0.3.200.320-O	320	200	300	24/19	ES08-39.1.200.390-O	390	200	1000	28/22
ES08-25.0.3.250.370-O	370	250	300	24/19	ES08-39.1.250.440-O	440	250	1000	28/22
ES08-25.0.3.300.420-O	420	300	300	24/19	ES08-39.1.300.490-O	490	300	1000	28/22
ES08-25.0.3.350.470-O	470	350	300	24/19	ES08-39.3.100.290-O	290	100	3000	8/6
ES08-25.0.8.100.220-O	220	100	800	10/8	ES08-39.3.150.340-O	340	150	3000	8/6
ES08-25.0.8.150.270-O	270	150	800	10/8	ES08-39.3.200.390-O	390	200	3000	8/6
ES08-25.0.8.200.320-O	320	200	800	10/8	ES08-39.3.250.440-O	440	250	3000	8/6
ES08-25.0.8.250.370-O	370	250	800	10/8	ES08-39.3.300.490-O	490	300	3000	8/6
ES08-25.0.8.300.420-O	420	300	800	10/8	ES08s-KCM.0.8.265.545-O	545	265	800	22/18
ES08-25.0.8.350.470-O	470	350	800	10/8					

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

E-LIFT (ES09)



Technical Data

- Lifting forces: 500N ~ 10000N
- Stroke: max. 2000 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section and 5-section lifting columns are available on request.
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty

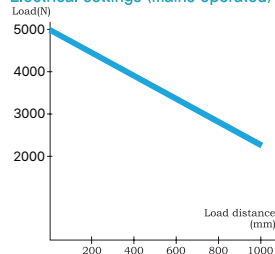
* Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

Dimension

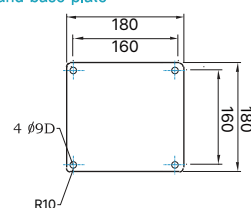
Electrical settings (mains operated)



Bending moment load diagram

* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

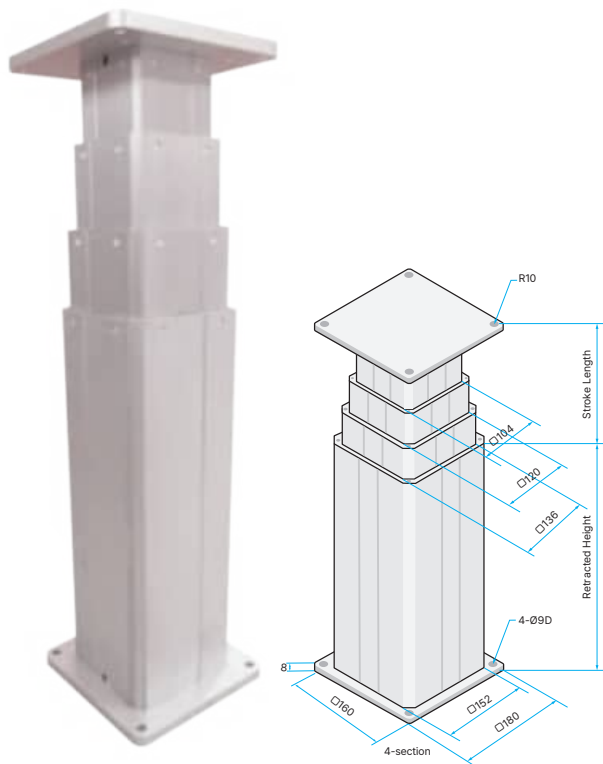
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load		Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES09-39.1.100.290-O	290	100	1000	28/22	ES09-DS.5.300.520-O	520	300	5000	6/4
ES09-39.1.150.340-O	340	150	1000	28/22	ES09-MBZ.1.200.408-O3	408	200	1000	17/13
ES09-39.1.200.390-O	390	200	1000	28/22	ES09-MBZ.1.300.520-O3	520	300	1000	17/13
ES09-39.1.250.440-O	440	250	1000	28/22	ES09-MBZ.1.500.750-O3	750	500	1000	17/13
ES09-39.1.300.490-O	490	300	1000	28/22	ES09-MBZ.3.200.408-O3	408	200	3000	8/6
ES09-39.3.100.290-O	290	100	3000	8/6	ES09-MBZ.3.300.520-O3	520	300	3000	8/6
ES09-39.3.150.340-O	340	150	3000	8/6	ES09-MBZ.5.200.418-O3	418	200	5000	6/4
ES09-39.3.200.390-O	390	200	3000	8/6	ES09-MBZ.5.300.530-O3	530	300	5000	6/4
ES09-39.3.250.440-O	440	250	3000	8/6	ES09-LMS.2.500.650-O3	650	500	1000	12/9
ES09-39.3.300.490-O	490	300	3000	8/6	ES09-LMS.2.550.700-O3	700	550	2000	12/9
ES09-DS.2.200.408-O	408	200	2000	12/16	ES09-LMS.2.600.735-O3	735	600	2000	12/9
ES09-DS.2.300.520-O	520	300	2000	12/16	ES09-LMS.2.700.835-O3	835	700	2000	12/9
ES09-DS.5.200.408-O	408	200	5000	6/4					

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

E-LIFT (ES11)



Technical Data

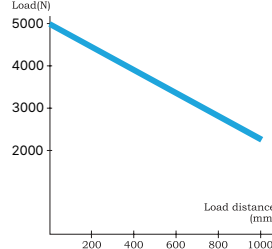
- Lifting forces: 1500N / 2000N / 3000N / 4000N / 6000N / 10000N
- Stroke: max. 2000 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section and 6-section lifting columns are available on request.
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty
* Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

Dimension

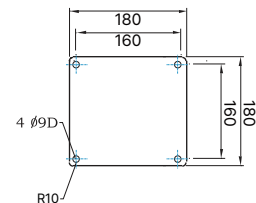
Electrical settings (mains operated)



Bending moment load diagram

* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max laod
ES11-39.1.100.290-O	290	100	1000	28/22
ES11-39.1.150.340-O	340	150	1000	28/22
ES11-39.1.200.390-O	390	200	1000	28/22
ES11-39.1.250.440-O	440	250	1000	28/22
ES11-39.1.300.490-O	490	300	1000	28/22
ES11-DS.2.200.408-O	408	200	2000	16/12
ES11-DS.2.300.520-O	520	300	2000	16/12
ES11-DS.5.200.408-O	408	200	5000	6/4
ES11-DS.5.300.520-O	520	300	5000	6/4
ES11-MBZ.1.500.750-O	750	500	1000	16/12
ES11-MBZ.1.200.408-O3	408	200	1000	17/13

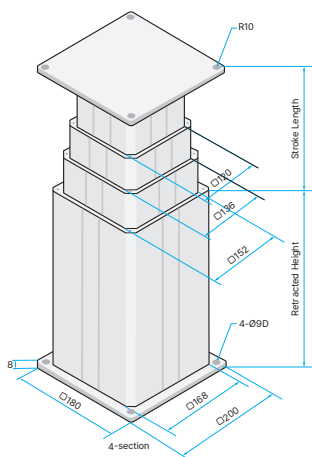
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max laod
ES11-MBZ.1.300.520-O3	520	300	1000	17/13
ES11-MBZ.1.500.750-O3	750	500	1000	17/13
ES11-MBZ.3.200.408-O3	408	200	1000	8/6
ES11-MBZ.3.300.520-O3	520	300	1000	8/6
ES11-MBZ.5.200.418-O3	418	200	3000	6/4
ES11-MBZ.5.300.530-O3	530	300	3000	6/4
ES11-LMS.2.500.650-O3	650	500	5000	12/9
ES11-LMS.2.550.700-O3	700	550	5000	12/9
ES11-LMS.2.600.735-O3	735	600	1000	12/9
ES11-LMS.2.700.835-O3	835	700	2000	12/9

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

E-LIFT (ES12)



Technical Data

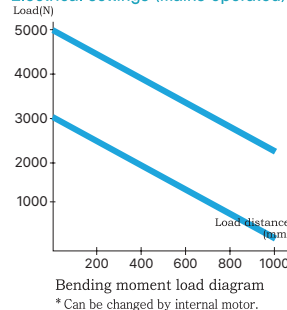
- Lifting forces: 1500N / 2000N / 3000N / 4000N / 6000N / 10000N
- Stroke: max. 2000 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V (max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section, 6-section and 7-section lifting columns are available on request.
- The bending moment (offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

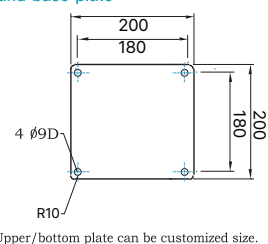
* Customized specification is available on request. (Please inquire us)

Dimension

Electrical settings (mains operated)



Top and base plate



Standard Lift Column

	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load		Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES12-39.1.100.290-O	290	100	1000	28/22	ES12-MBZ.3.300.520-O	520	300	3000	8/6
ES12-39.1.150.340-O	340	150	1000	28/22	ES12-DS.2.300.300-O3	300	300	2000	22/17
ES12-39.1.200.390-O	390	200	1000	28/22	ES12-DS.2.300.300-OS3	300	300	2000	22/17
ES12-39.1.250.440-O	440	250	1000	28/22	ES12-DS.2.350.350-O3	350	350	2000	22/17
ES12-39.1.300.490-O	490	300	1000	28/22	ES12-DS.2.350.350-OS3	350	350	2000	22/17
ES12-33.3.100.288-O	288	100	3000	8/6	ES12-DS.2.350.400-O3	400	350	2000	22/17
ES12-33.3.150.338-O	338	150	3000	8/6	ES12-DS.2.350.400-OS3	400	350	2000	22/17
ES12-33.3.200.388-O	388	200	3000	8/6	ES12-GZ.5.300.550-O3	550	300	5000	19/15
ES12-33.3.250.445-O	445	250	3000	8/6	ES12-GZ.7.300.550-O3	550	300	7000	16/14
ES12-33.3.300.510-O	510	300	3000	8/6	ES12-GZ.10.300.550-O3	550	300	10000	10/8
ES12-DS.2.200.408-O	408	200	2000	12/16	ES12-MVD.5.500.680-O3	680	500	5000	12/14
ES12-DS.2.300.520-O	520	300	2000	12/16	ES12-MVD.5.700.880-O3	830	700	5000	12/14
ES12-DS.5.200.408-O	408	200	5000	6/4	ES12-MTB.1.500.700-O3	500	700	1000	50/41
ES12-DS.5.300.520-O	520	300	5000	6/4	ES12-MTB.1.500.700-O3	500	700	1000	50/41
ES12-MBZ.1.500.750-O	750	500	1000	12/16	ES12-S9D.2.1200.1000-O3	1000	1200	2000	25/19
ES12-MBZ.3.200.408-O	408	200	3000	8/6	ES12-S9D.2.1500.1270-O3	1270	1500	2000	25/19

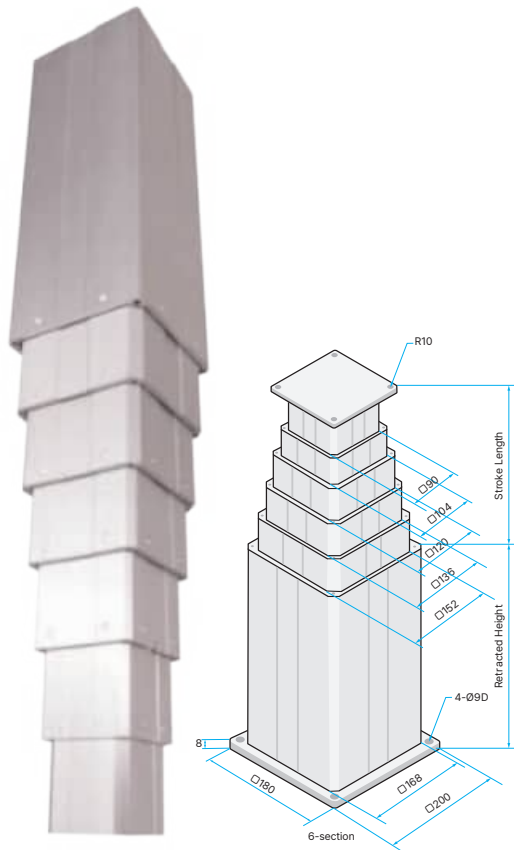
* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offload) have to be longer than standard.

E-LIFT (ES12)

Lifting Column ES12 for Ceiling system



Technical Data

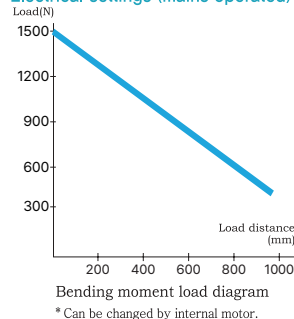
- Lifting forces: 1500N / 2000N / 3000N / 4000N / 10000N
- Stroke: max. 2500 mm (Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 100 mm/s * Can be changed by internal motor.
- Input Power: Depends on internal drive
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section, 6-section and 7-section lifting columns are available on request.
- The bending moment (offset load): max. 800Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

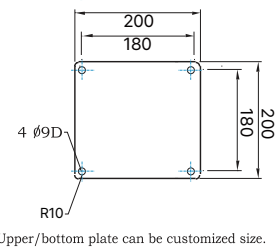
* Customized specification is available on request. (Please inquire us)

Dimension

Electrical settings (mains operated)



Top and base plate



Standard Lift Column

	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES12-S9D.2.1200.1000-O3	1000	1200	2000	25/19
ES12-S9D.2.1500.1270-O3	1270	1500	2000	25/19
ES12-SHM.4.5.1000.900-O3	900	1000	4500	25/19
ES12-SHM.4.5.1500.1270-O3	1200	1500	4500	25/19
ES12-XX.1.5.1000.500-O5	500	1000	1500	depend on internal motor
ES12-XX.1.5.1200.600-O5	600	1200	1500	depend on internal motor
ES12-XX.1.5.1500.650-O5	650	1500	1500	depend on internal motor
ES12-XX.1.5.1600.700-O5	700	1600	1500	depend on internal motor
ES12-XX.1.5.1800.750-O5	750	1800	1500	depend on internal motor
ES12-XX.1.5.2000.800-O5	800	2000	1500	depend on internal motor
ES12-XX.1.5.1000.500-O6	500	1000	1500	depend on internal motor
ES12-XX.1.5.1200.550-O6	550	1200	1500	depend on internal motor
ES12-XX.1.5.1500.600-O6	600	1500	1500	depend on internal motor
ES12-XX.1.5.1600.620-O6	620	1600	1500	depend on internal motor
ES12-XX.1.5.1800.660-O6	660	1800	1500	depend on internal motor
ES12-XX.1.5.2000.700-O6	700	2000	1500	depend on internal motor

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment (offload) have to be longer than standard.

Ē-LIFT (ES12)

Electric Lifting column ES12(Multi-stage Lifting column)

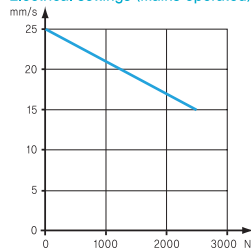


Technical Data

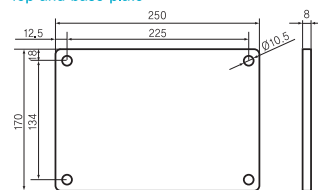
- Lifting forces: 1000N / 1500N
 - Stroke: max. 4500 mm(Customized special stroke is available. Please contact our technical engineer)
 - Unloaded speed: depends on internal motor
 - Input Power: customized motor available (BLDC, Stepping, Servo Motor...)
 - Single or synchronous operation
 - Encoder by 2channels hall sensor or Potentiometer
 - 4-sections, 5-sections, 6-sections and 7-sections lifting columns are available on request.
 - Duty cycle: depends on internal motor
- * Recommended to use the compatible controller, handset, table handset or footswitch together.
- * Customized specification is available on request. (Please inquire us)

Dimension

Electrical settings (mains operated)



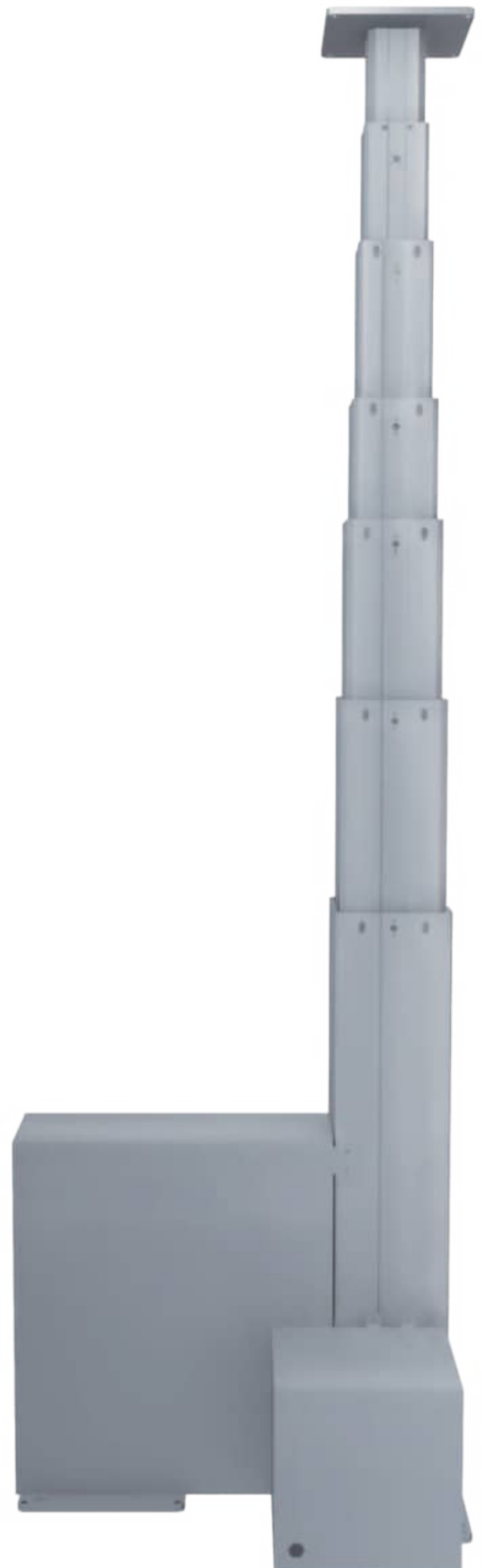
Top and base plate



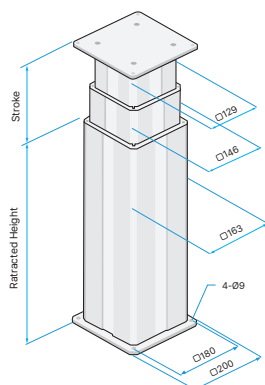
Standard Lift Column

	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max laod
ES12-XX.1.5.3000.900.-O7	900	3000	1500	Depended on internal motor
ES12-XX.1.5.3500.1000.-O7	1000	3500	1500	Depended on internal motor
ES12-XX.1.5.4000.1100.-O7	1100	4000	1500	Depended on internal motor
ES12-XX.1.5.4500.1300.-O7	1300	4500	1500	Depended on internal motor

* Customized specification si available on request. Please contact our technical team.



E-LIFT (ES13)



Technical Data

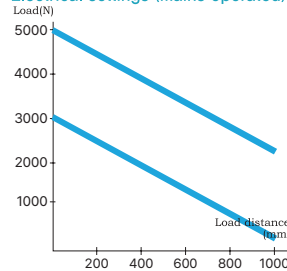
- Lifting forces: 500N ~ 10000N
- Stroke: max. 2000 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section, 6-section and 7-section lifting columns are available on request.
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

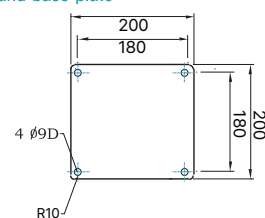
Dimension

Electrical settings (mains operated)



* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

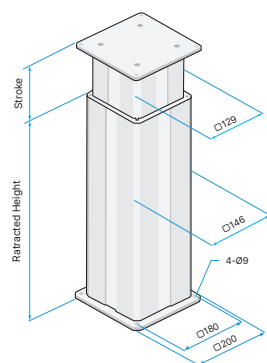
	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES13-DS.3.300.520-O	520	300	3000	8/6
ES13-DS.2.300.300-O3	300	300	2000	22/17
ES13-DS.2.300.300-OS3	300	300	2000	22/17
ES13-DS.2.350.350-O3	350	350	2000	22/17
ES13-DS.2.350.350-OS3	350	350	2000	22/17
ES13-DS.2.350.400-O3	400	350	2000	22/17
ES13-DS.2.350.400-OS3	400	350	2000	22/17
ES13-TA1.2.500.650-O3	650	500	2000	15/13
ES13-TA1.3.500.680-O3	680	500	3000	9/12
ES13-TA1.2.700.850-O3	850	700	2000	15/13
ES13-TA1.3.700.880-O3	880	700	3000	9/12
ES13-MVD.5.500.680-O3	680	500	5000	12/14
ES13-MVD.5.700.880-O3	830	700	5000	12/14
ES13-MTB.1.500.700-O3	500	700	1000	100
ES13-MTB.1.500.700-O3	500	700	1000	100
ES13-MTB.1.1000.1000-OS3	1000	1000	1000	100

* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

E-LIFT (ES14)



Technical Data

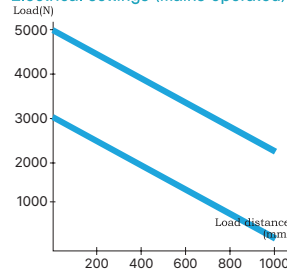
- Lifting forces: 500N ~ 10000N
- Stroke: max. 2000 mm(Customized special stroke is available. Please contact our technical engineer)
- Unloaded speed: max. 6 mm/s ~ 50 mm/s * Can be changed by internal motor.
- Input Power: Standard DC24V(max. DC30V) * Can be changed by internal motor.
- Single or synchronous operation with max. 6 columns
- Encoder by 2 channels hall sensor or Potentiometer
- Safety nut
- 2-section lifting column
- 3-section, 4-section, 5-section, 6-section and 7-section lifting columns are available on request.
- The bending moment(offset load): max. 2500Nm
- Duty cycle: max. 10% or 2 / 18 min. intermittent duty * Can be changed by internal motor.

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

Dimension

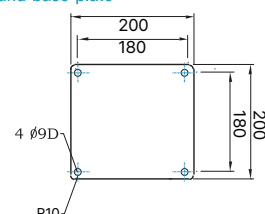
Electrical settings (mains operated)



Bending moment load diagram

* Can be changed by internal motor.

Top and base plate



* Upper/bottom plate can be customized size.

Standard Lift Column

	Installation height top and base plate	Stroke length (mm)	Load (N)	Speed (mm/s) unloaded / max load
ES14-39.1.100.290-O	290	100	1000	28/22
ES14-39.1.150.340-O	340	150	1000	28/22
ES14-39.1.200.390-O	390	200	1000	28/22
ES14-39.1.250.440-O	440	250	1000	28/22
ES14-39.1.300.490-O	490	300	1000	28/22
ES14-33.3.100.288-O	288	100	3000	8/6
ES14-33.3.150.338-O	338	150	3000	8/6
ES14-33.3.200.388-O	388	200	3000	8/6
ES14-33.3.250.445-O	445	250	3000	8/6
ES14-33.3.300.510-O	510	300	3000	8/6
ES14-DS.2.200.408-O	408	200	2000	12/16
ES14-DS.2.300.520-O	520	300	2000	12/16
ES14-DS.5.200.408-O	408	200	5000	6/4
ES14-DS.5.300.520-O	520	300	5000	6/4
ES14-DS.1.500.750-O	750	500	1000	12/16
ES14-DS.3.200.408-O	408	200	3000	8/6

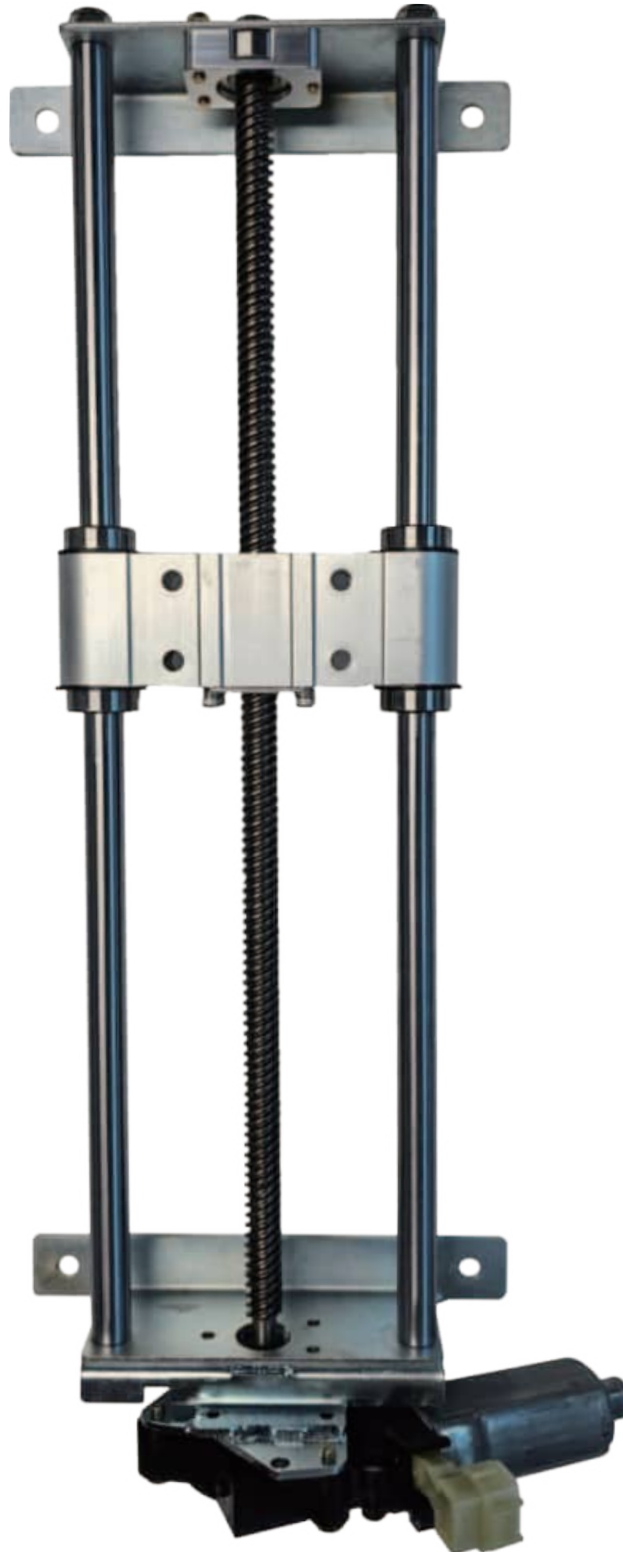
* The above data is test data based on our standard power supply, DC24V. The speed can be improved by using DC30V. Please contact our technical team if you want to use your own controller with our lifting column.

* Customized specification is available on request. Please contact our technical team.

* The installation heights for high bending moment(offload) have to be longer than standard.

MONITOR LIFT(ES10)

Monitor Up/Down System



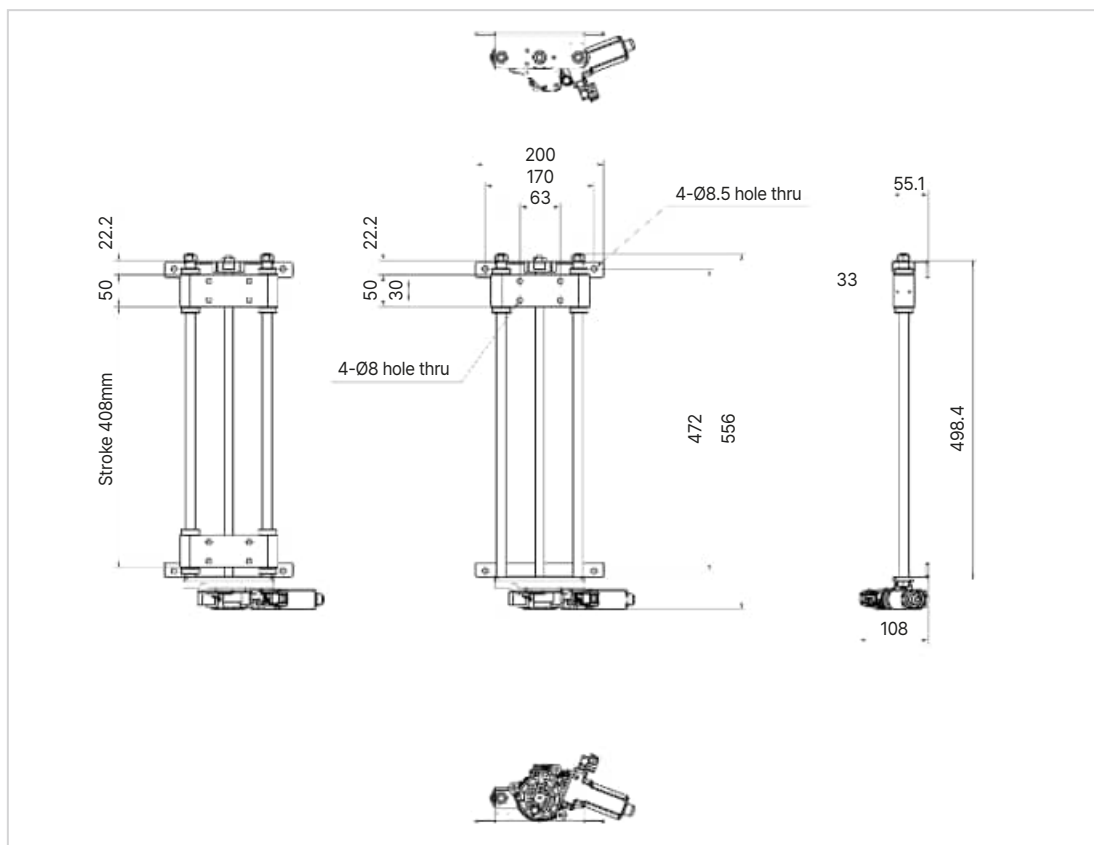
Technical Data

- **Operating Mode** : Individual operation of single drive Synchronous control of two drives
- **Max. dynamic load** : 80kg
- **Max. static load** : 150kg
- **Min. height** : 556mm(Refer to a dimension)
- **Stroke Length** : 408mm(Customized stroke is available on request)
- **Max. height** : 556mm(Refer to a dimension)
- **Unloaded Speed** : 22 mm/sec
- **ntelligent safety function** : 5mm reverse auto-stop function when anything interrupted during the operating.
- **Memory Function** : 2 position memory function
- **One touch operation function** : Can be fully extended or retracted by pushing the up/down button one time shortly.
- **Duty cycle** : max. 10% or 2 / 18 min. intermittent duty
- **Power-saving mode** : Low electricity consumption max. 70W
- **Operating temperature** : 0~50 degree
- **Motor type** : DC12V Bosch(German Brand) motor with 2 channel hall sensor

* Recommended to use the compatible controller, handset, table handset or footswitch together.

* Customized specification is available on request. (Please inquire us)

Dimension





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