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01

MINI ACTUATOR SERIES

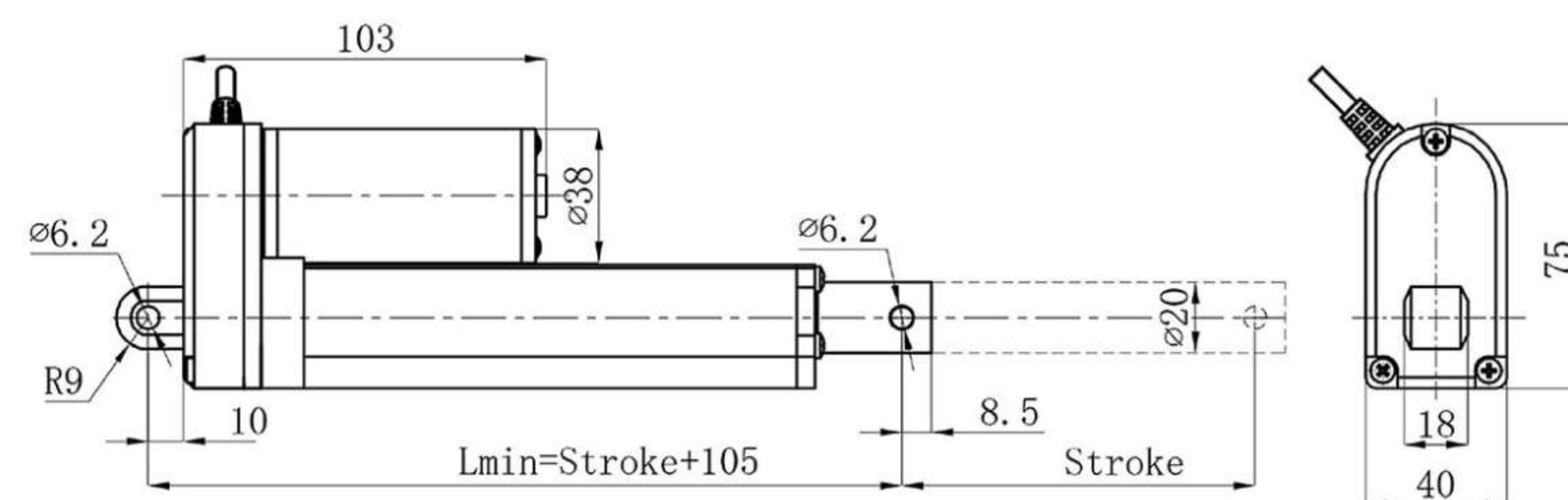
Our mini linear actuators are one of the most popular types of actuators in our catalog. While compactness is an obvious features of theirs, these mini linear actuators also feature precision control, high IP and waterproof protection ratings. From their range of features, our mini linear actuators can be utilized in a number of different applications and mechanisms like robotics, automotive, home&office, etc.

Model: Y017



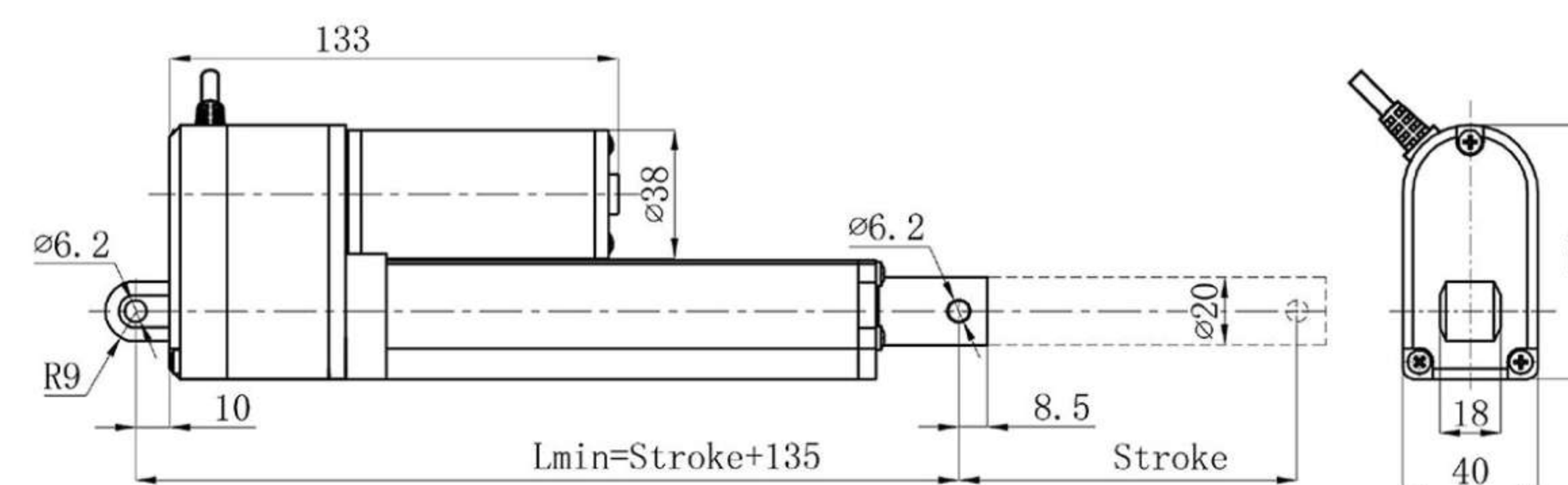
Installation Dimension

Built In With/Without Hall



Installation Dimension

Built in Potentiometer



Specifications

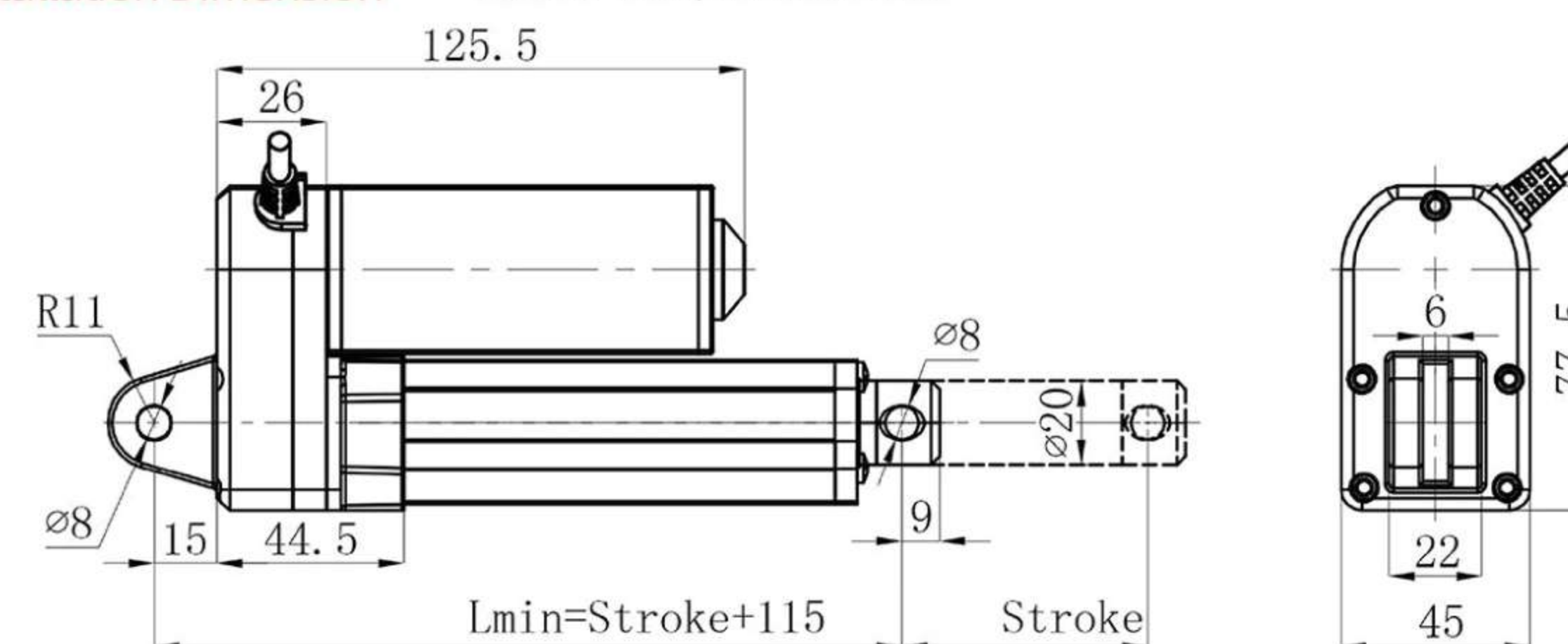
Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	1200N	Limit Switches	Inner
Speed	5~120mm/s	Operation Temperature	-15°C ~ 45°C
Stroke	Customize	Protection Class	IP65

Model: Y019



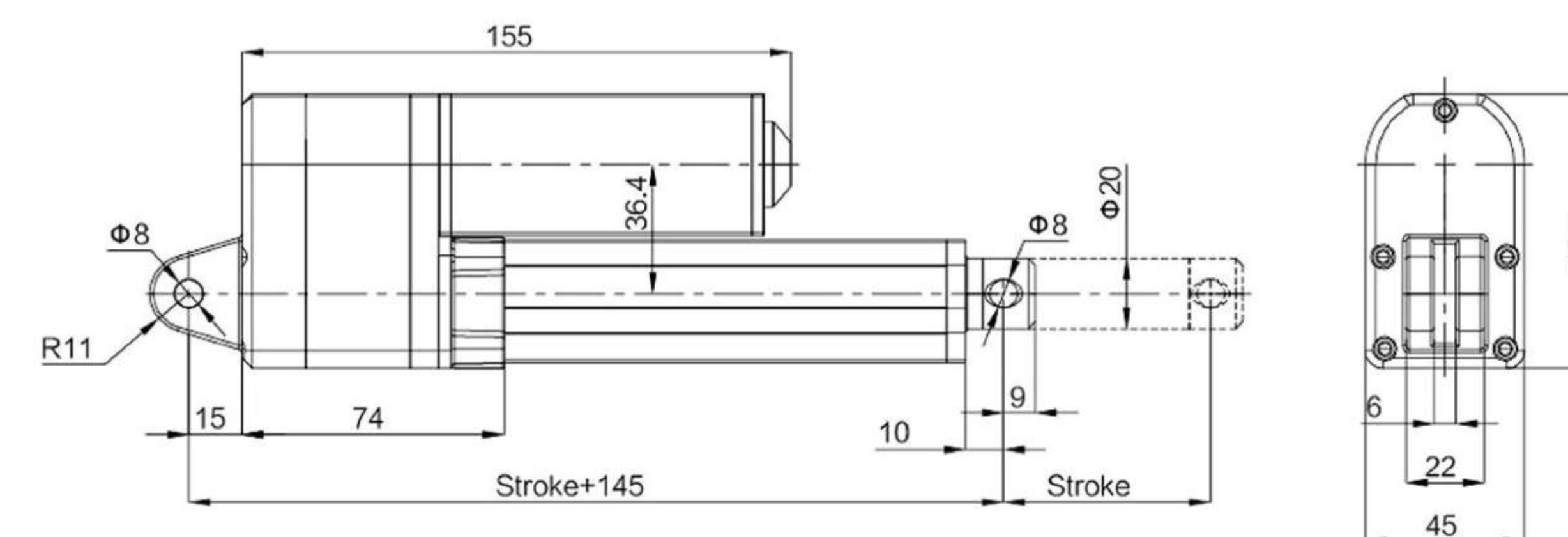
Installation Dimension

Built In With/Without Hall



Installation Dimension

Built in potentiometer



Specifications

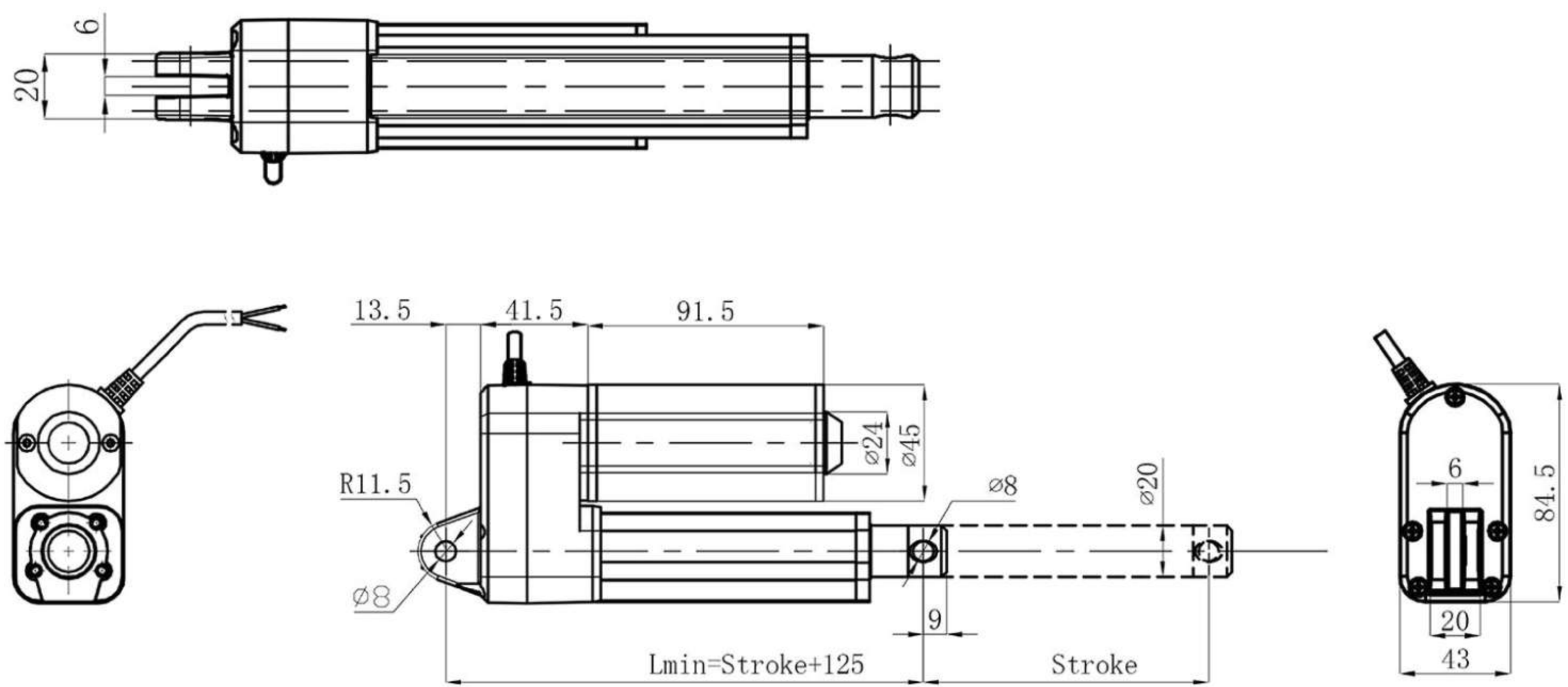
Input Voltage	48V / 36V / 24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	2500N	Limit Switches	Inner
Speed	7~70mm/s	Operation Temperature	-15°C ~ 45°C
Stroke	Customize	Protection Class	IP65

Model: Y022

Lowest Noise Linear Actuator



Installation Dimension Built In With/Without Hall



Specifications

Input Voltage	48V / 36V / 24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	2000N	Limit Switches	Inner
Speed	7 ~ 20mm/s	Operation Temperature	-15°C ~ 45°C
Stroke	Customize	Protection Class	IP65

02

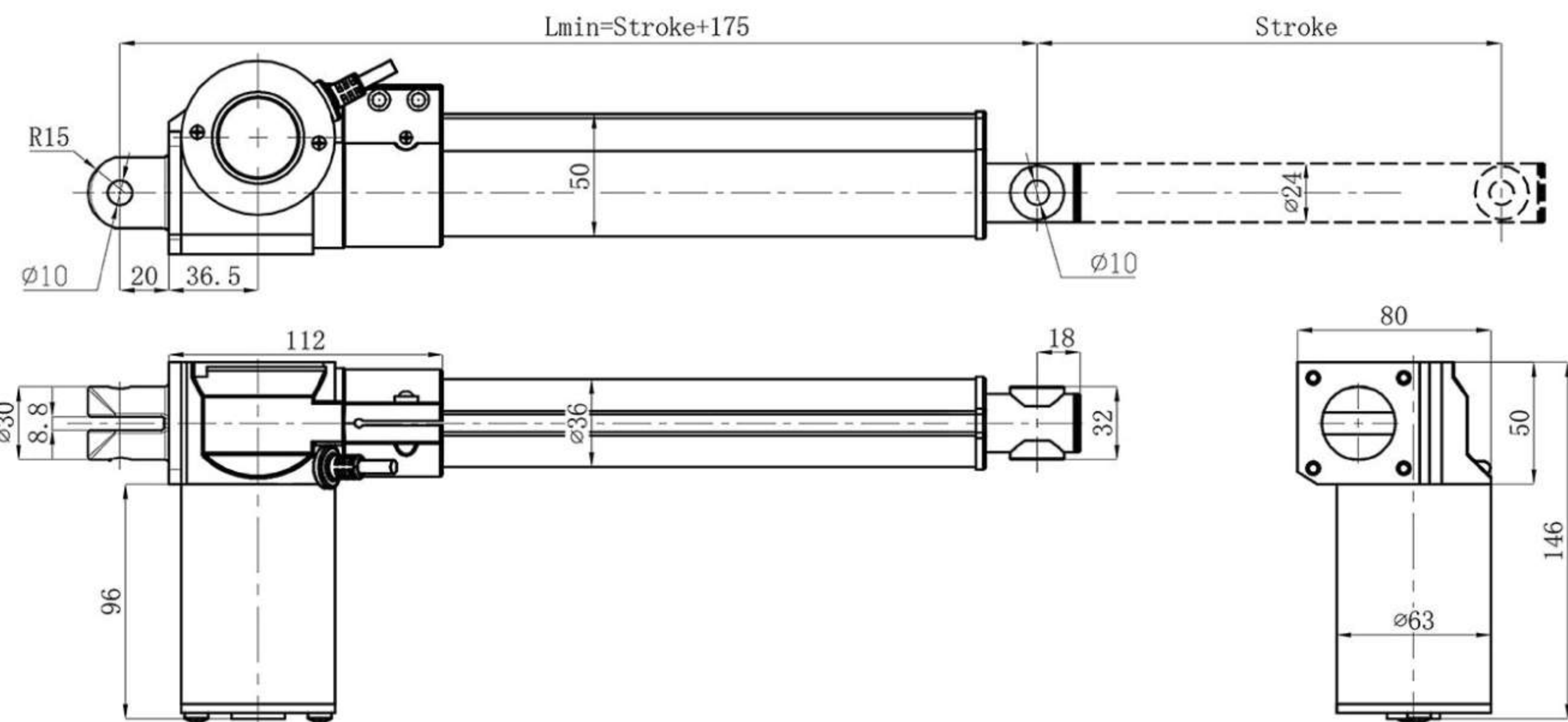
STANDARD ACTUATOR SERIES

Standard linear actuator is the most multi-purpose devices in our catalog that can be implemented into a wide variety of applications.They are with a compact design and strong performance. And they are the most cost-effective type of actuator in our catalog when analyzing the relatives between capabilities and cost.

Model: Y011



Installation Dimension Built In With/Without Hall



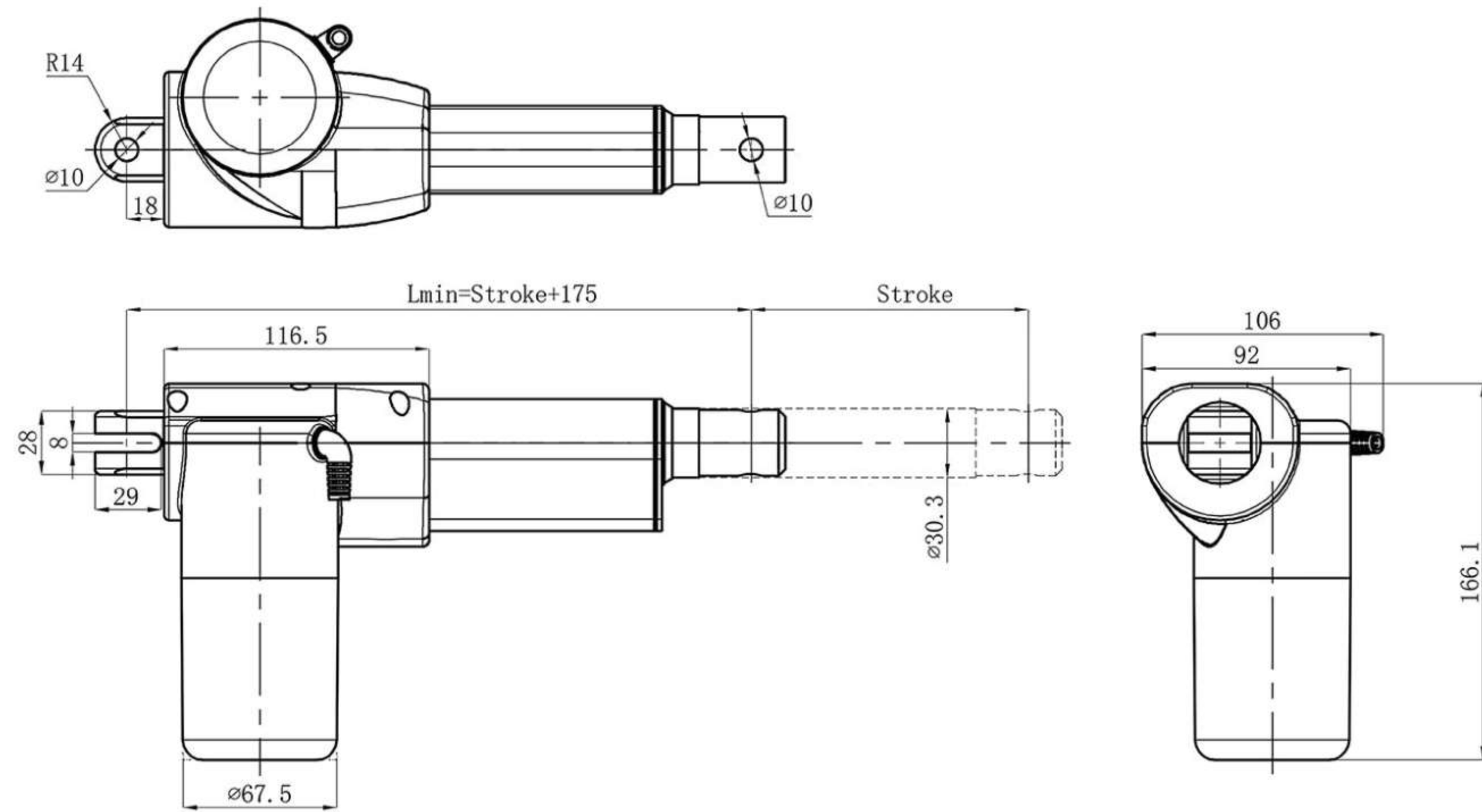
Specifications

Input Voltage	24V / 12V DC	Limit Switches	Inner
Load Capacity	6000N	Operation Temperature	-15℃ ~ 45℃ Customized
Speed	4 ~ 30mm/s	Color	Black or Gray
Stroke	Customize	Protection Class	IP43
Type of Duty	10%, 2min. on / 18min. off		

Model: Y011D



Installation Dimension Built In With/Without Hall



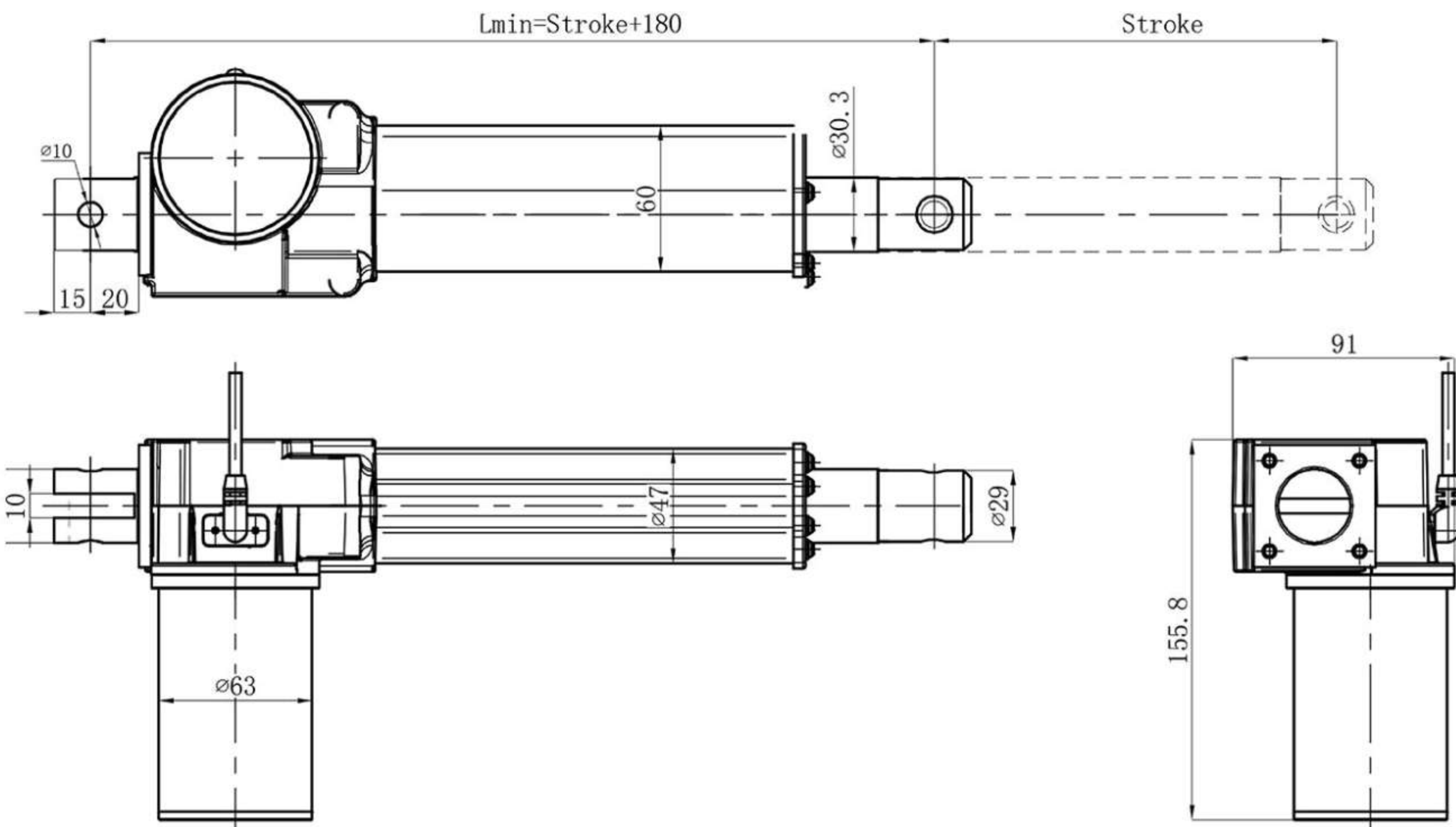
Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	6000N	Limit switches	Inner
Speed	5~36mm/s	Operation Temperature	-15℃ ~ 45℃ Customized
Stroke	Customize	Color	Black or Gray
Protection Class	IP43		

Model: Y011E



Installation Dimension Built In With/Without Hall



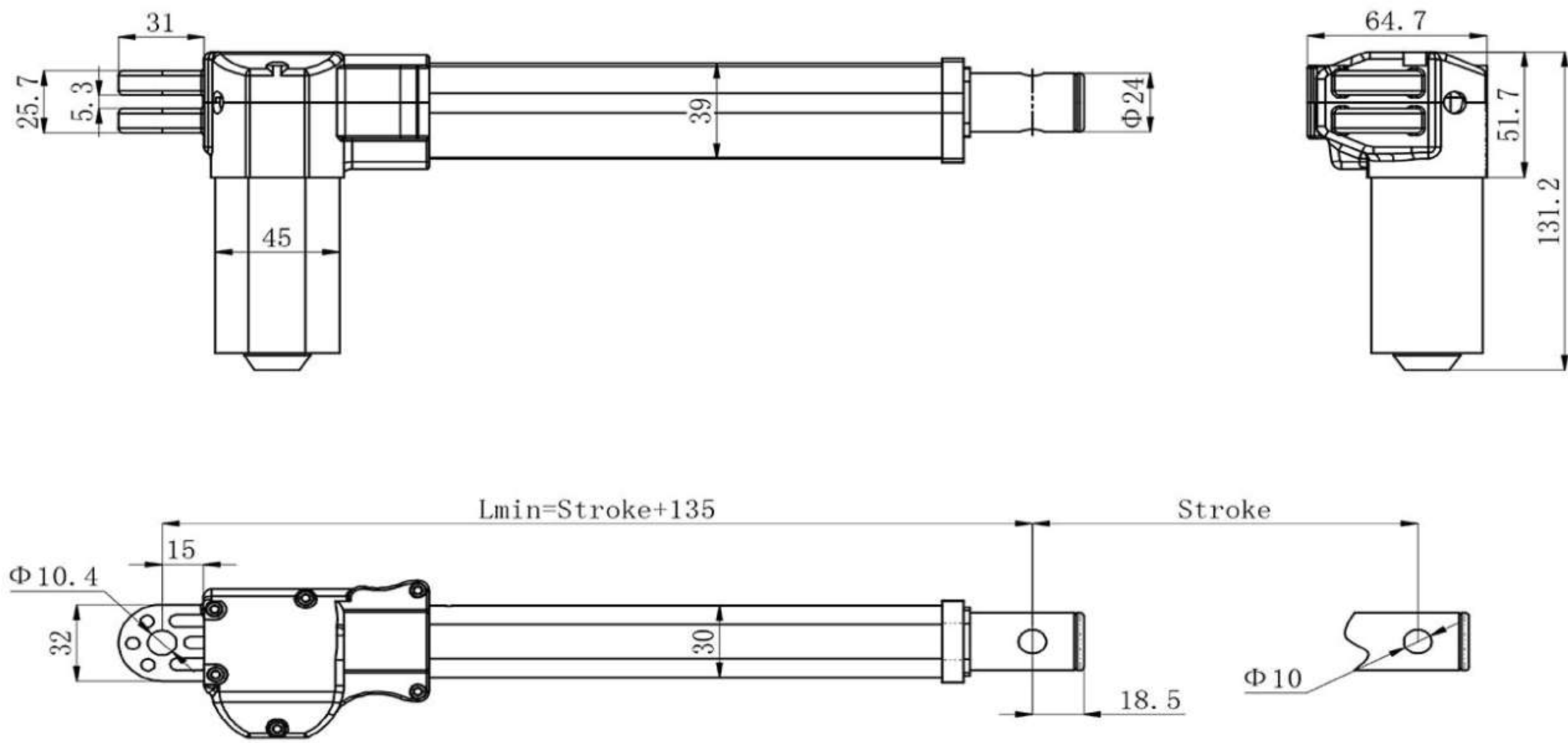
Specifications

Input Voltage	24V/12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	8000N	Limit Switches	Inner
Speed	4 ~ 36mm/s	Operation Temperature	-15°C ~ 45°C Customized
Stroke	Option	Protection Class	IP67 linear actuator is not in motion

Model: Y011F



Installation Dimension Built In With/Without Hall



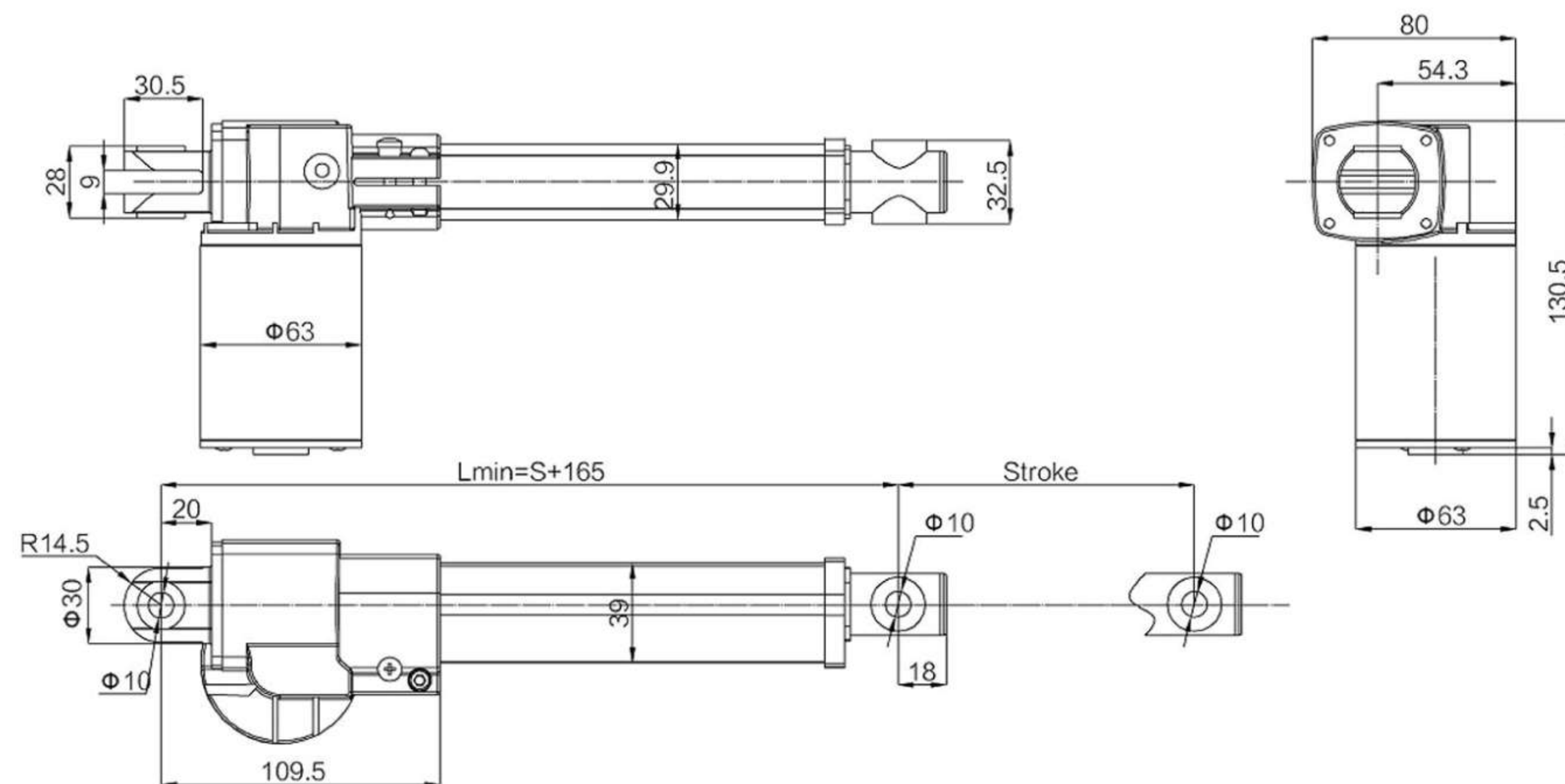
Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2 min. on / 18 min. off
Load Capacity	3000N	Limit Switches	Inner
Speed	4~30 mm/s	Operation Temperature	-15°C ~ 45°C Customized
Stroke	Option	Protection Class	IP43

Model: Y011G



Installation Dimension



Specifications

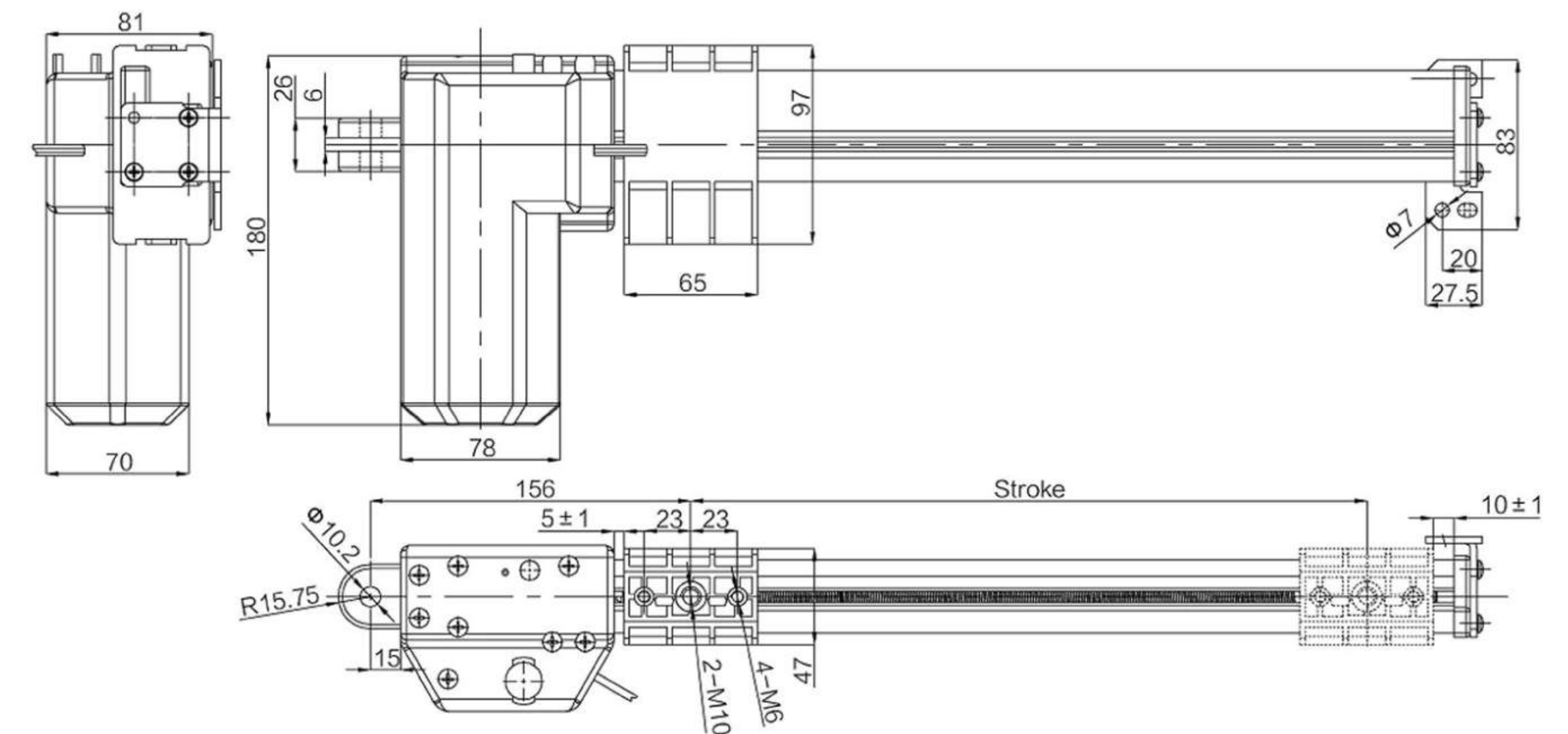
Input Voltage	24V / 12V DC	Type of Duty	10%, 2 min. on/18 min. off
Load Capacity	5000N	Limit Switches	Inner
Speed	4~16.5 mm/s	Operation Temperature	-15℃ ~ 45℃ Customized
Stroke	Option	Protection Class	IP43

Model: Y014



Installation Dimension

Built In With/Without Hall



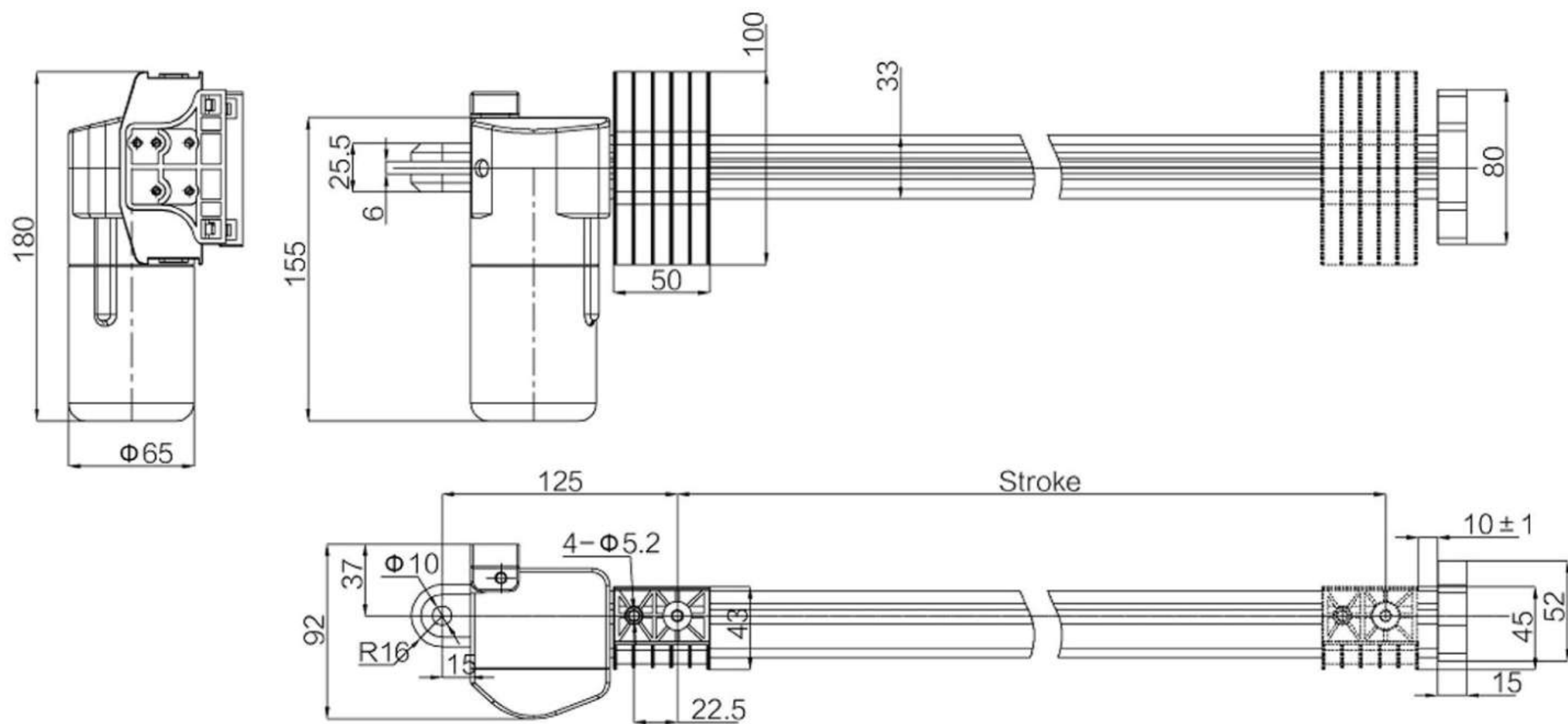
Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	4000N	Limit Switches	Inner
Max Speed	18mm/s(1500N), 35mm/s(750N)	Operation Temperature	-15℃ ~ 45℃ Customized
Stroke	Customize	Protection Class	IP20

Model: Y014D



Installation Dimension



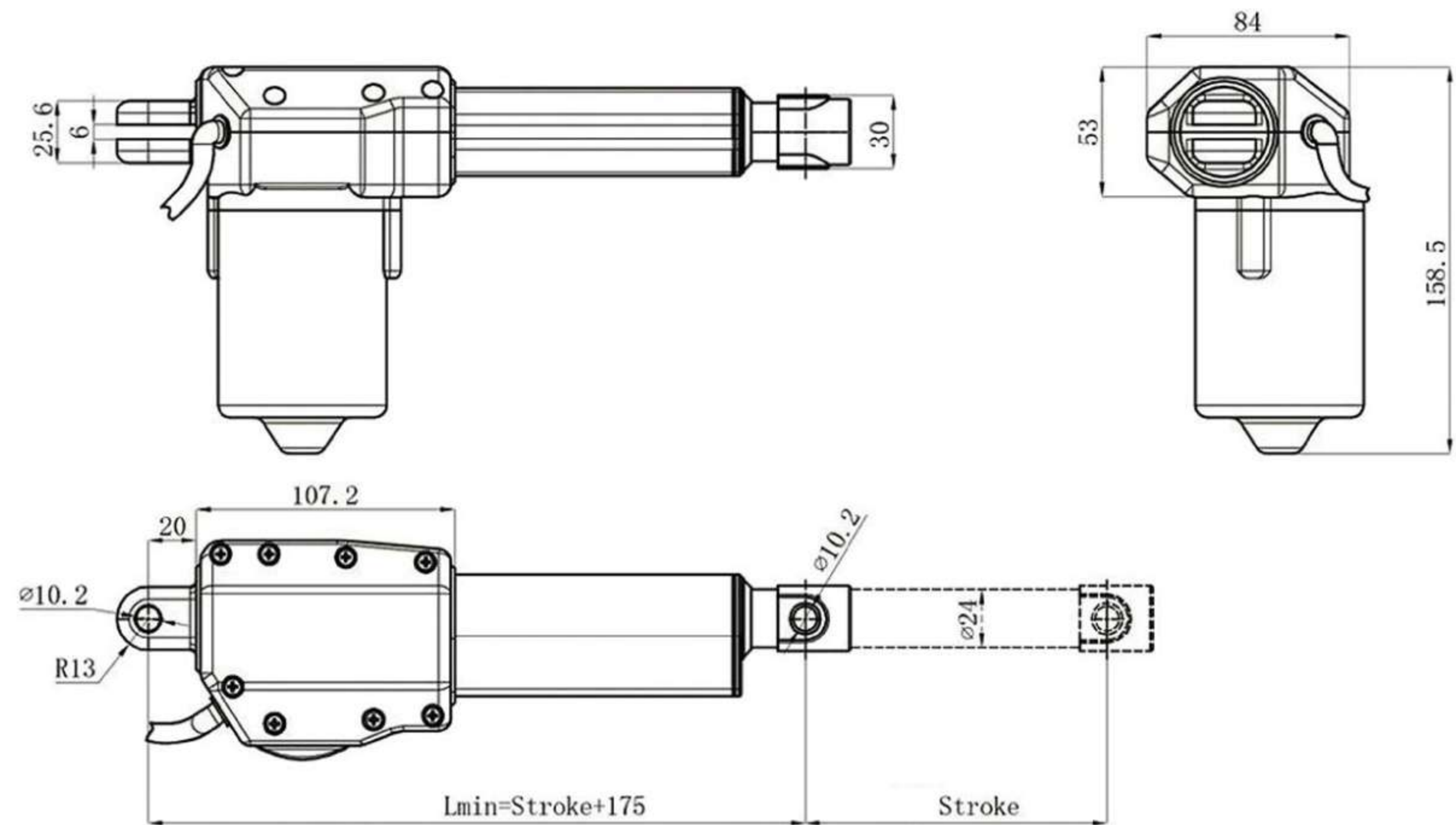
Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	1500N	Limit Switches	Inner
Max Speed	16mm/s(1500N), 35mm/s(750N)	Operation Temperature	-15°C ~ 45°C Customized
Stroke	Customize	Protection Class	IP20
Head Fixture	Normal or #2 Iron Sheet		

Model: Y030



Installation Dimension



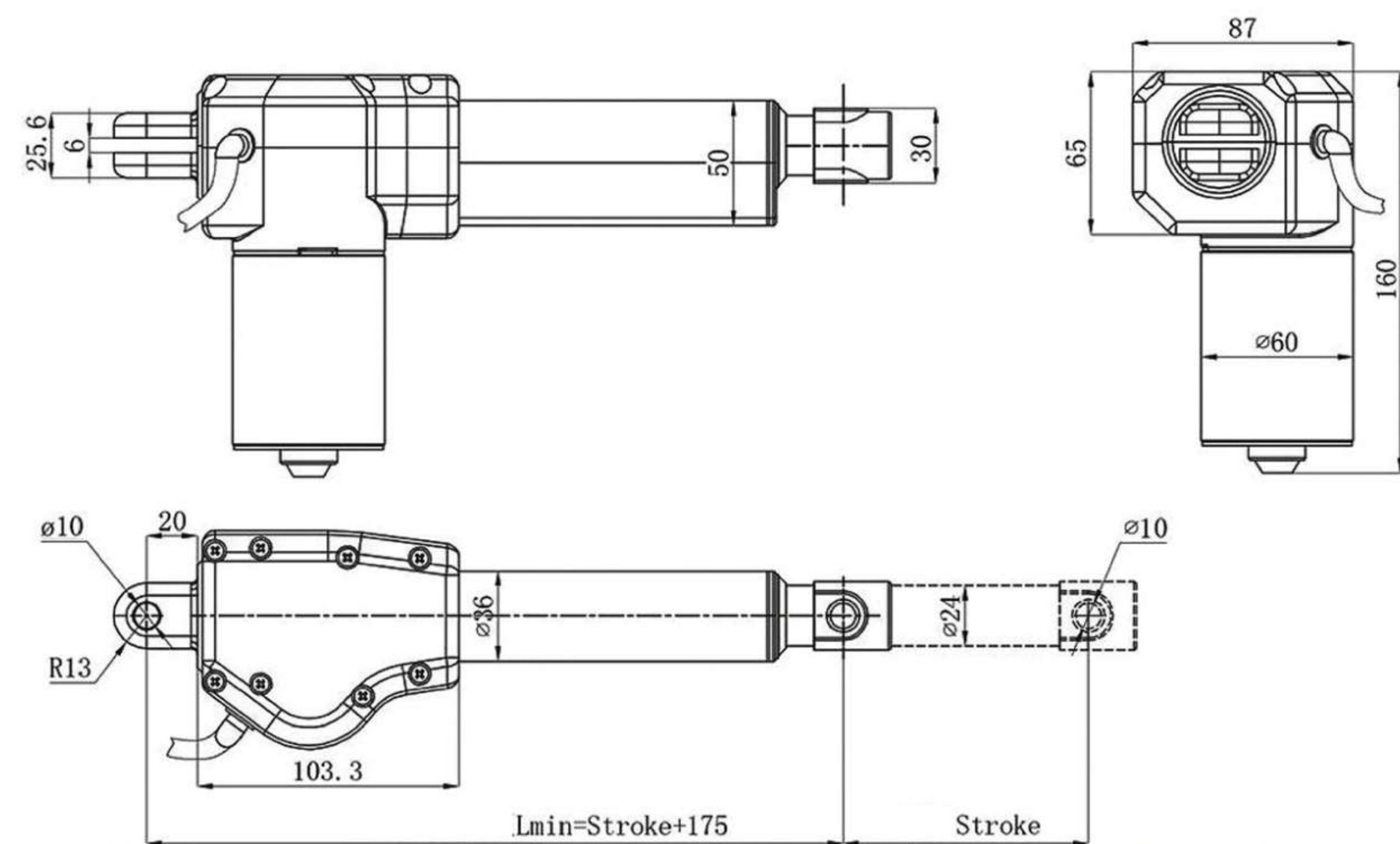
Specifications

Input Voltage	24V / 12V DC	Limit Switches	Inner
Load Capacity	6000N	Operation Temperature	-15°C ~ 45°C Customized
Speed	4 ~ 30mm/s	Color	Black or Gray
Stroke	Customize	Protection Class	IP65
Type of Duty	10%, 2min. on / 18min. off		

Model: Y031



Installation Dimension



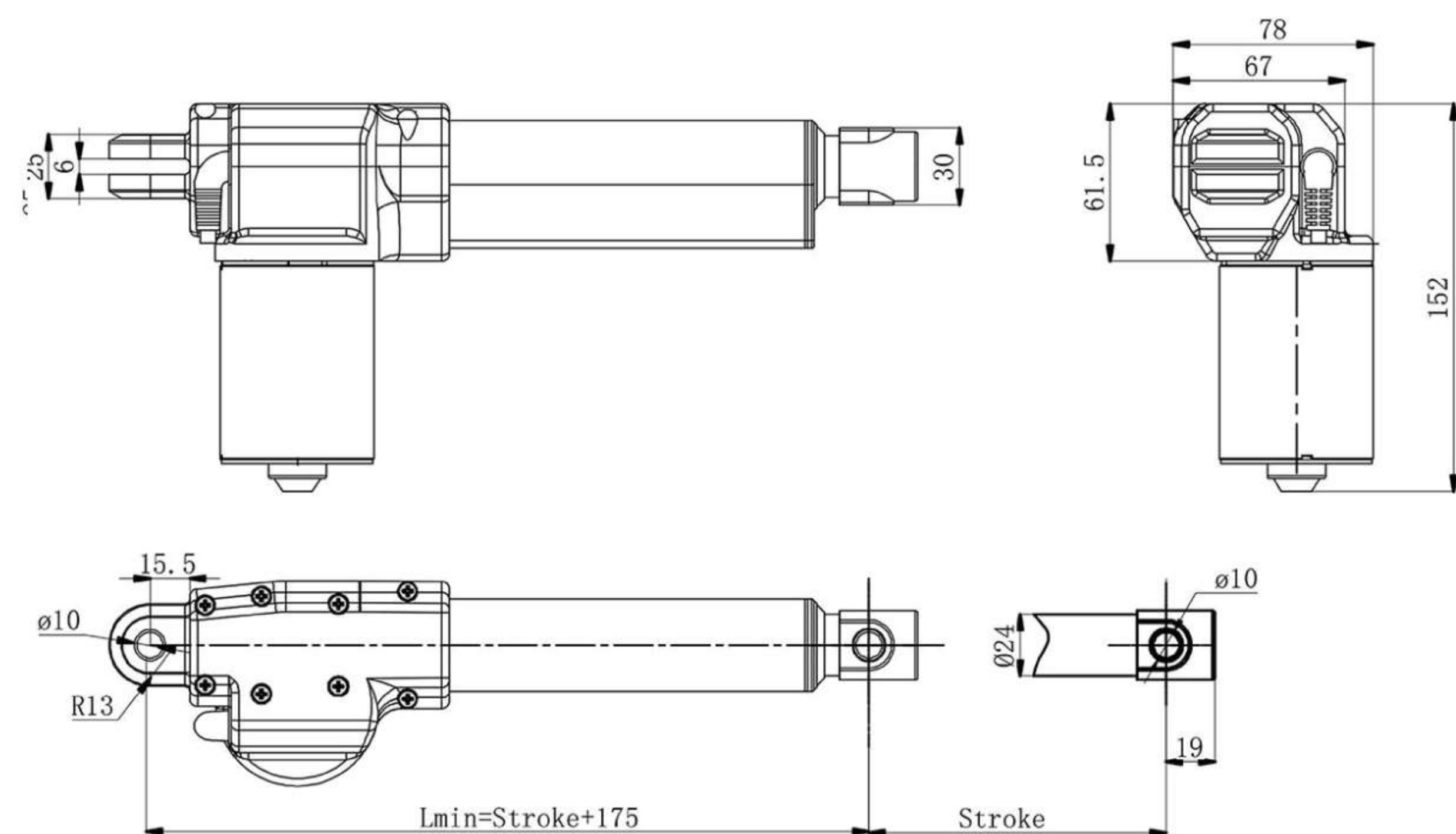
Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	6000N	Limit Switches	Inner
Speed	4 ~ 30mm/s	Operation Temperature	-15°C ~ 45°C Customize
Stroke	Customize	Color	Black or Gray
Protection Class	IP43		

Model: Y032



Installation Dimension



Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	6000N	Limit Switches	Inner
Speed	4 ~ 30mm/s	Operation Temperature	-15°C ~ 45°C Customized
Stroke	Customize	Color	Black or Gray
Protection Class	IP43		



03

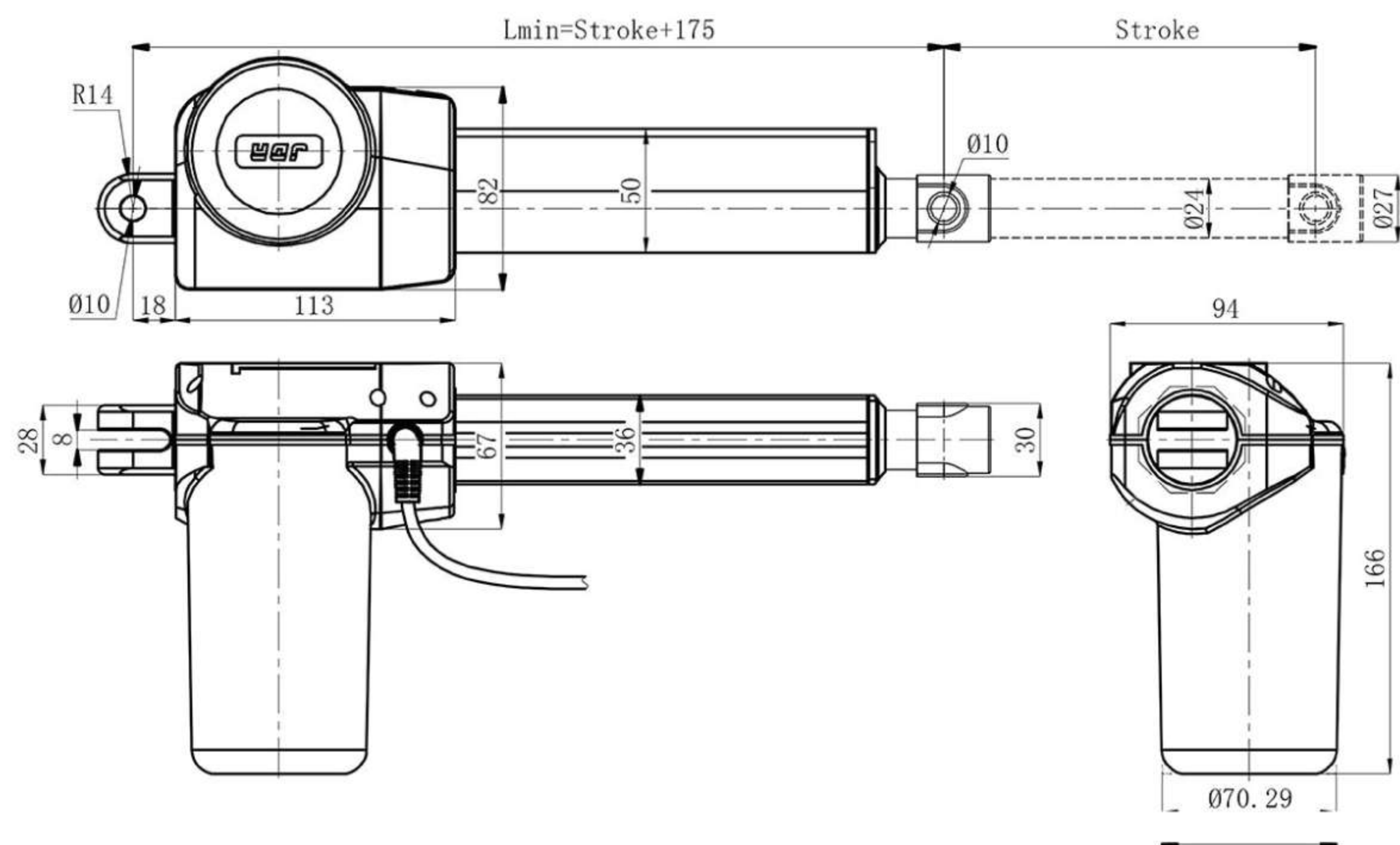
MEDICAL ACTUATOR SERIES

Medical linear actuators play a huge role in meeting positive healthcare solutions. To ensure that healthcare standards and patient demands are always met, the technologies need to be state-of-the-art. We focus on designing linear actuators for the medical industry.

Model:FY011C



Installation Dimension Built In With/Without Hall



Specifications

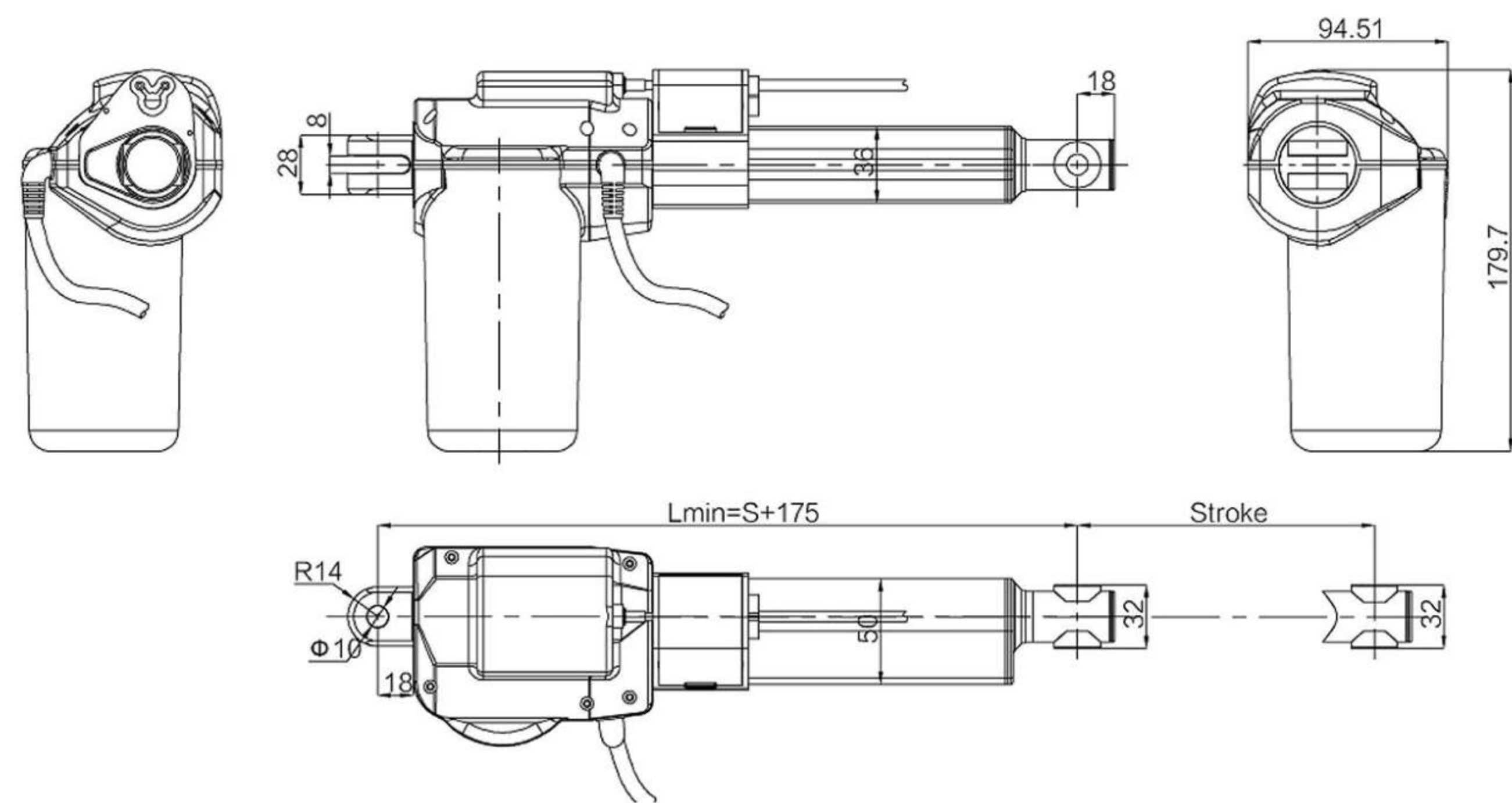
Input Voltage	24V / 12V DC	Limit Switches	Inner
Load Capacity	6000N	Operation Temperature	-15℃ ~ 45℃ Customized
Speed	4 ~ 30mm/s	Color	Black or Gray
Stroke	Customize	Protection Class	IP65
Type of Duty	10%, 2min. on / 18min. off		

Model:FY011CR

Manual release function

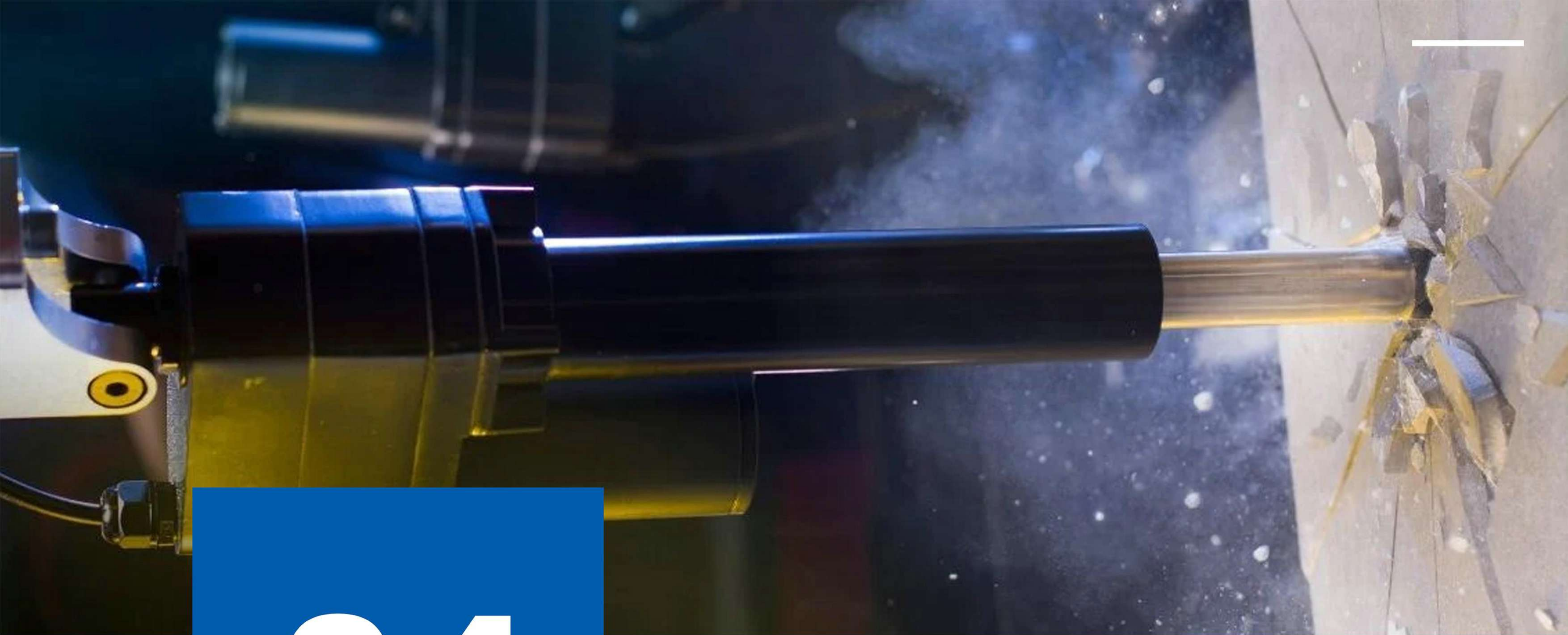


Installation Dimension Built In With/Without Hall



Specifications

Input Voltage	24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	3500N	Limit Switches	Inner
Speed	7 ~ 13.5mm/s	Operation Temperature	-15℃ ~ 45℃ Customized
Stroke	Option	Protection Class	IP65

A close-up photograph of a black industrial linear actuator in operation. The actuator's rod is extended and is in the process of breaking through a piece of light-colored material, possibly wood or a composite. A large amount of fine dust or debris is being thrown into the air around the point of impact. The background is dark and out of focus.

04

INDUSTRIAL ACTUATOR SERIES

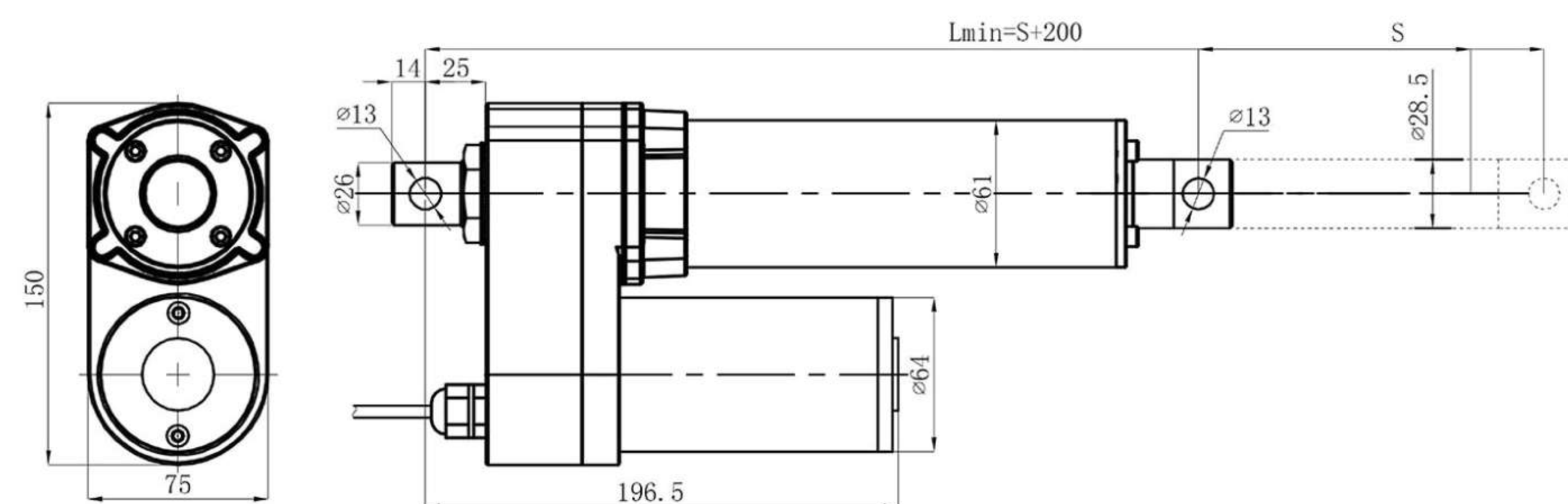
Industrial linear actuators are built to work with heavy-duty mechanisms that have extremely high force requirements.

With IP ratings to last through harsh environments, they are the perfect solution for applications that require their high force in possibly harsh environments.

Model: Y015D



Installation Dimension



Specifications

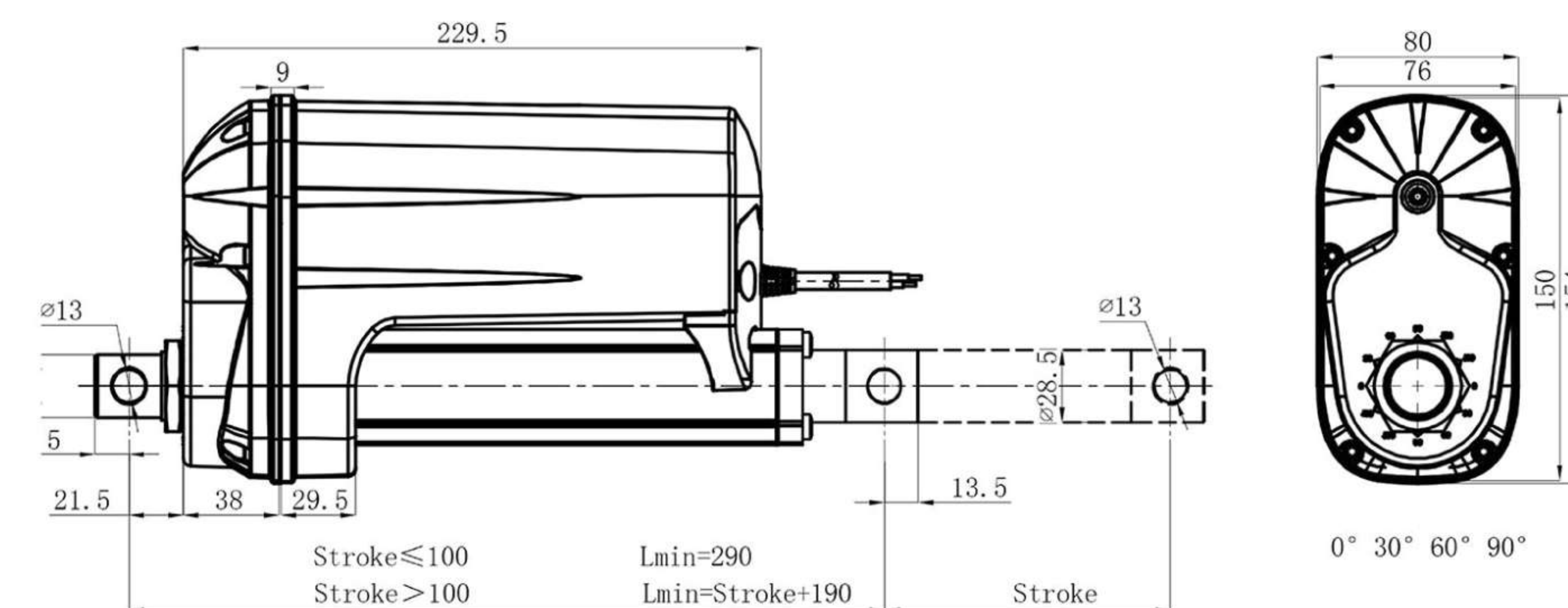
Input Voltage	48V DC/24V DC/12V DC	Type of Duty	10%,2 min. on/18 min. off
Load Capacity	7000N	Limit switches	Inner
Speed	5~32mm/s	Operation Temperature	-15℃~45℃
Stroke	Customize	Protection Class	IP65

Model: Y020



Installation Dimension

Built in Hall Sensor (Optional)



Installation Dimension

Stroke(mm)	$S \leq 100$
Lmin(mm)	290

Specifications

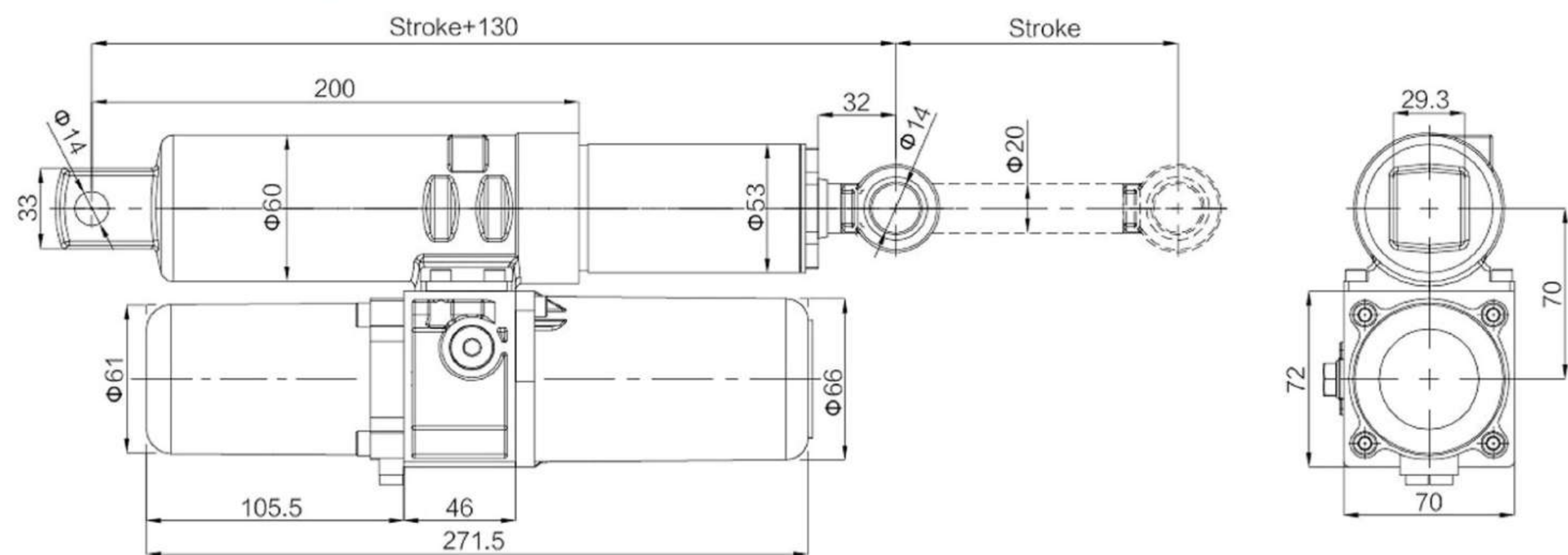
Input Voltage	72V / 48V / 36V / 24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	12000N	Limit Switches	Inner
Speed	5 ~ 60mm/s	Operation Temperature	-20℃~65℃
Stroke	Customize		Customizable for special temperature
Protection Class	IP66		

Model: Y023

Electric Hydraulic Actuator



Installation Dimension



Installation Dimension

Stroke(mm)	$S \leq 150$	$S > 150$
Lmin(mm)	280	$S + 130$

Specifications

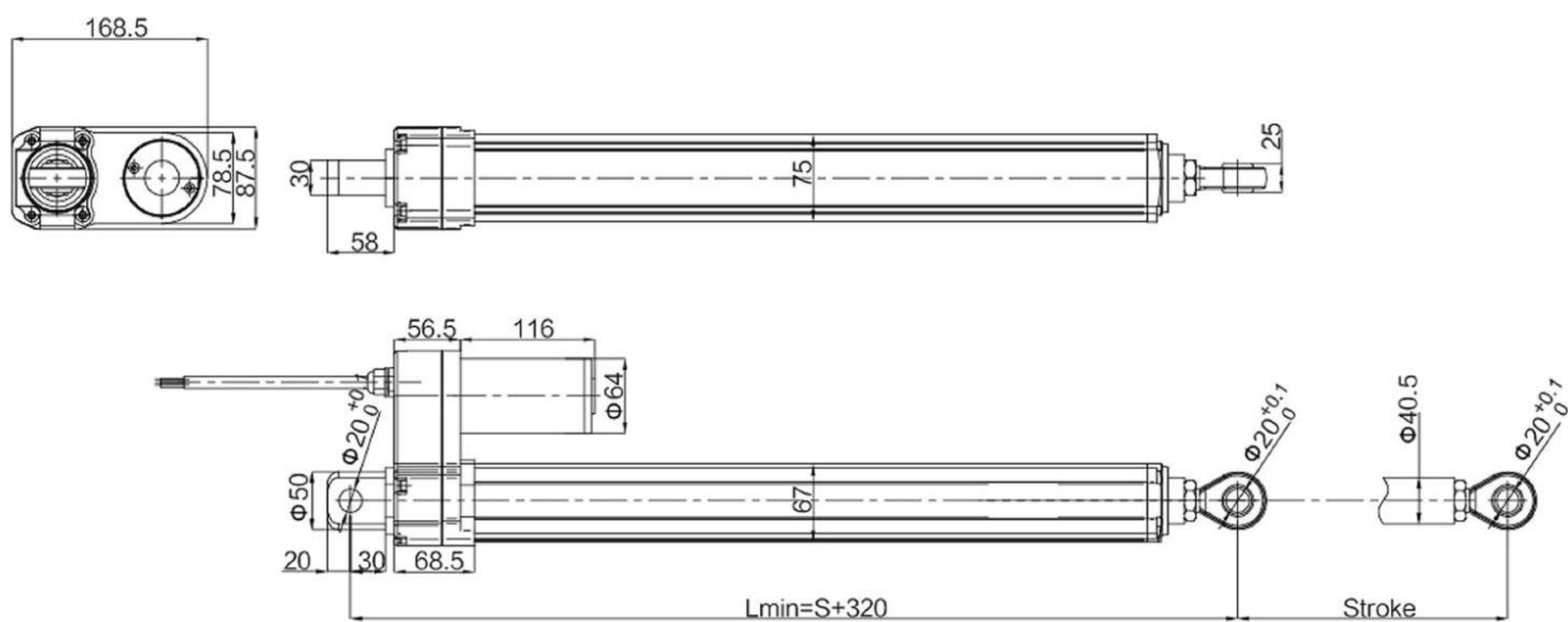
Input Voltage	48V / 36V / 24V / 12V DC	Type of Duty	10%, 2min. on / 18min. off
Load Capacity	8000N	Limit Switches	No
Speed	17mm/s	Operation Temperature	-20°C~65°C
Stroke	150~350mm	Customizable for special temperature	
Protection Class	IP67		

Model: Y028

Solar actuator



Installation Dimension Built In With/Without Hall



Specifications

Input Voltage	48V / 36V / 24V / 12V DC	Type of Duty	10%, 2 min. on/18 min. off
Load Capacity	16000N	Limit Switches	Inner
Speed	3~8.5 mm/s	Operation Temperature	-20°C~65°C
Stroke	Option	Customizable for special temperature	
Protection Class	IP65		

A photograph of a medical lifting table in a clinical setting. The table is white with two vertical columns supporting the table surface. The columns have purple accents. A control panel is mounted on the wall to the right. The table is positioned in front of white cabinets. A blue square with the number '05' is overlaid on the top right of the image.

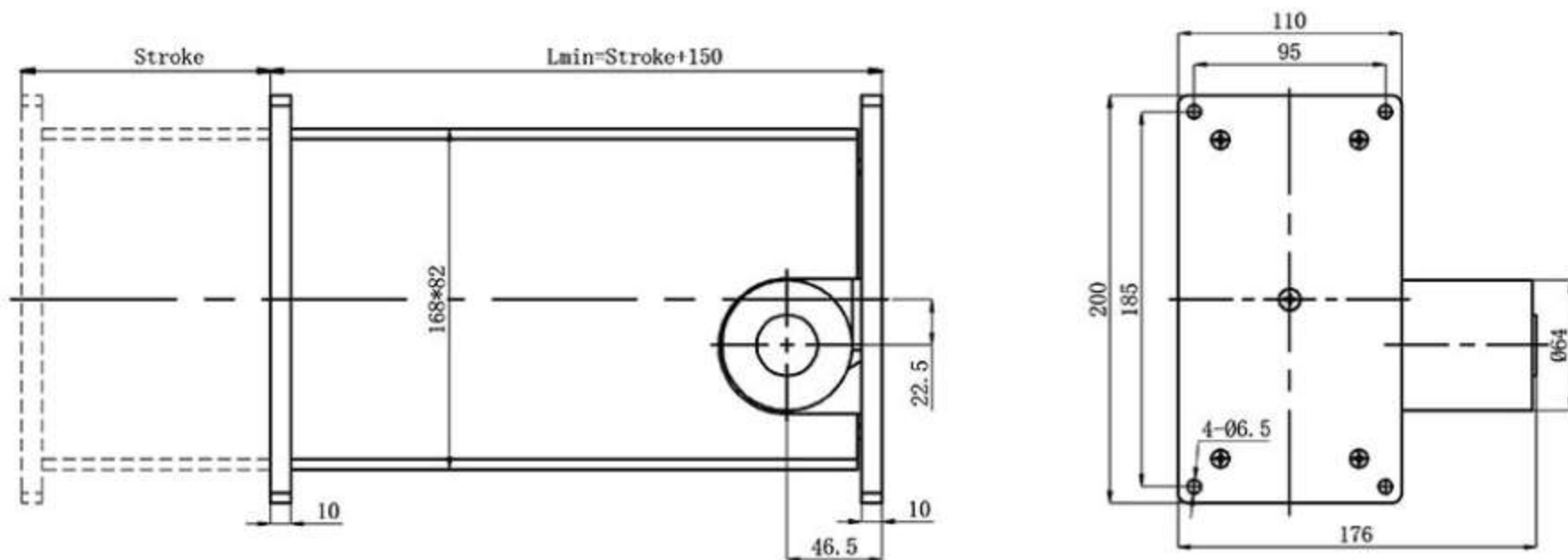
05

LIFTING COLUMN SERIES

Lifting columns adopt linear drive technology to convert the circular motion of the motor into the linear motion of the linear actuator through a mechanical structure. They are commonly used in lifting tables, various electric beds in the medical care field, cabinets and platforms in the smart home field. They operate smoothly, improve efficiency, and are easy to install, saving costs.

Model: Y018

Installation Dimension Build In With/Without Hall

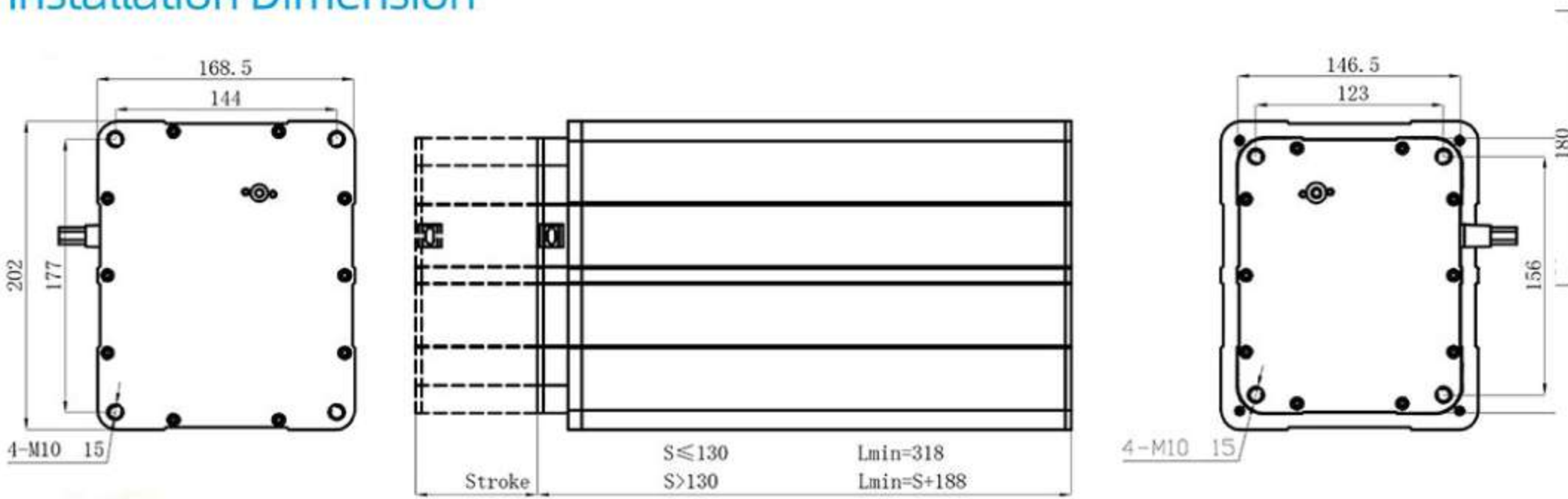


Specifications

Motor Voltage	24V / 12V DC
Load Capacity	6000N
Adjustable Speed	4~30mm/s
Stroke	Customize
Type of Duty	10%, 2min. on / 18min. off
Limit Switches	Inner
Operation Temperature	-15℃ ~ 45℃ Customized
Color	Black or Gray
Protection Class	IP20

Model: Y018C

Installation Dimension



Installation Dimension

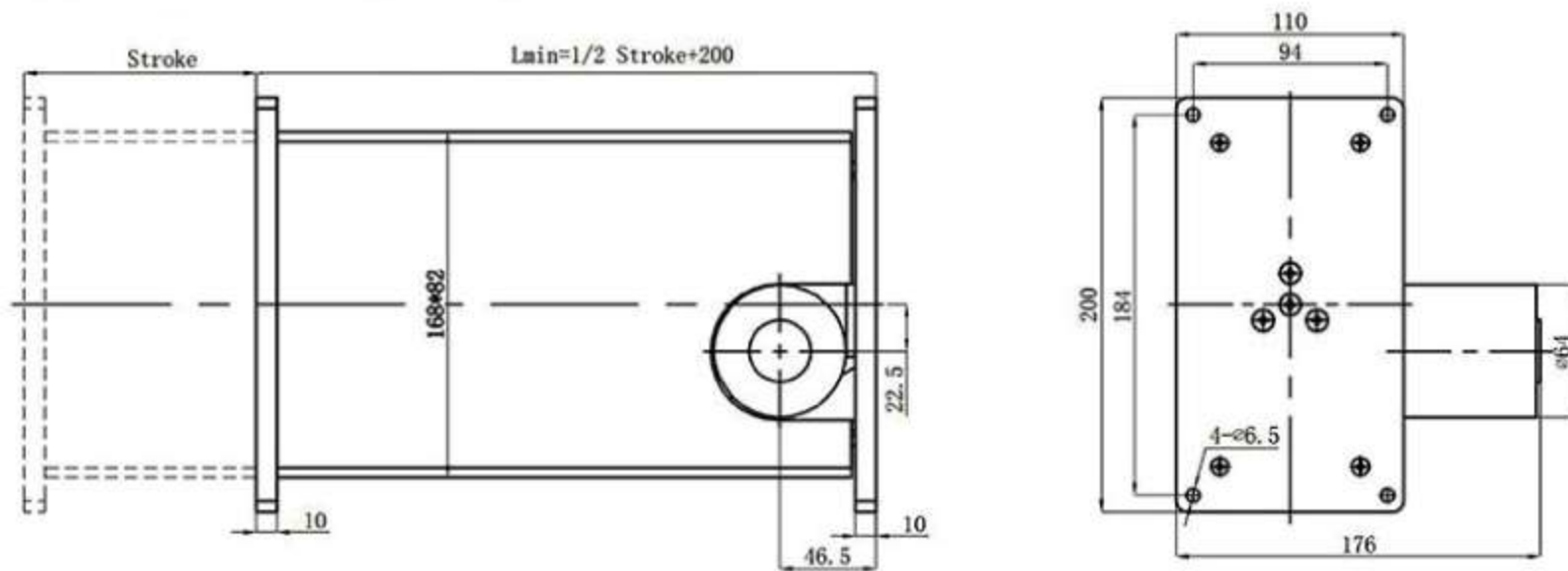
Stroke(mm)	S ≤ 130	S > 130
mini install dimension(mm)	318	S + 188

Specifications

Input Voltage	24V / 12V DC
Load Capacity	8000N
Speed	4 ~ 30mm/s
Stroke	Customize
Type of Duty	10%, 2min. on / 18min. off
Limit Switches	Inner
Operation Temperature	-15℃ ~ 45℃ Customize
Color	Black or Gray
Protection Class	IP43

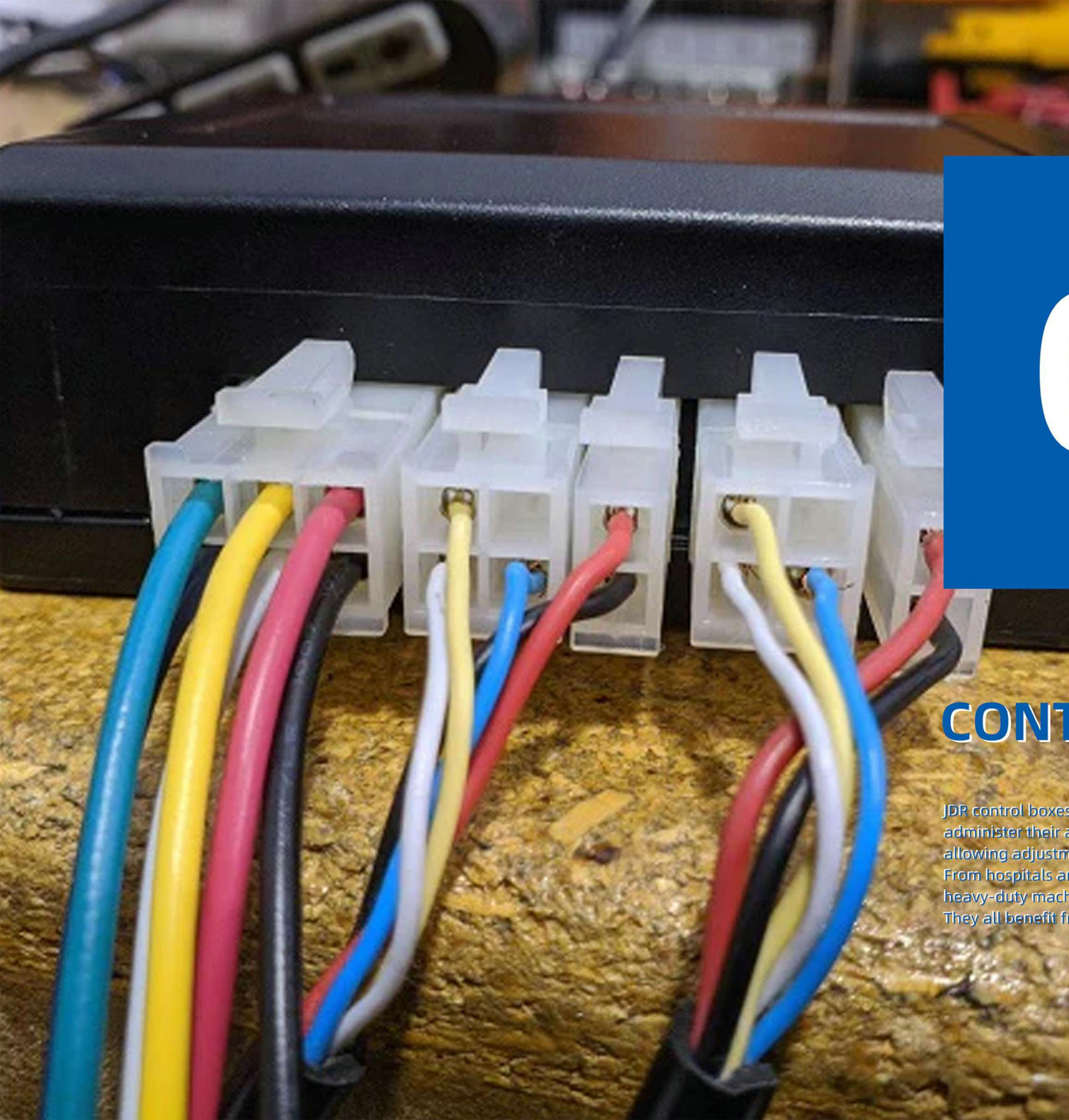
Model: Y018B

Installation Dimension Build In With/Without Hall



Specifications

Motor Voltage	24V / 12V DC
Load Capacity	2000N
Adjustable Speed	25mm/s(750N), 8mm/s(1500N)
Stroke	Customize
Type of Duty	10%, 2min. on / 18min. off
Limit Switches	Inner
Operation Temperature	-15℃ ~ 45℃ Customized
Color	Black or Gray
Protection Class	IP20



06

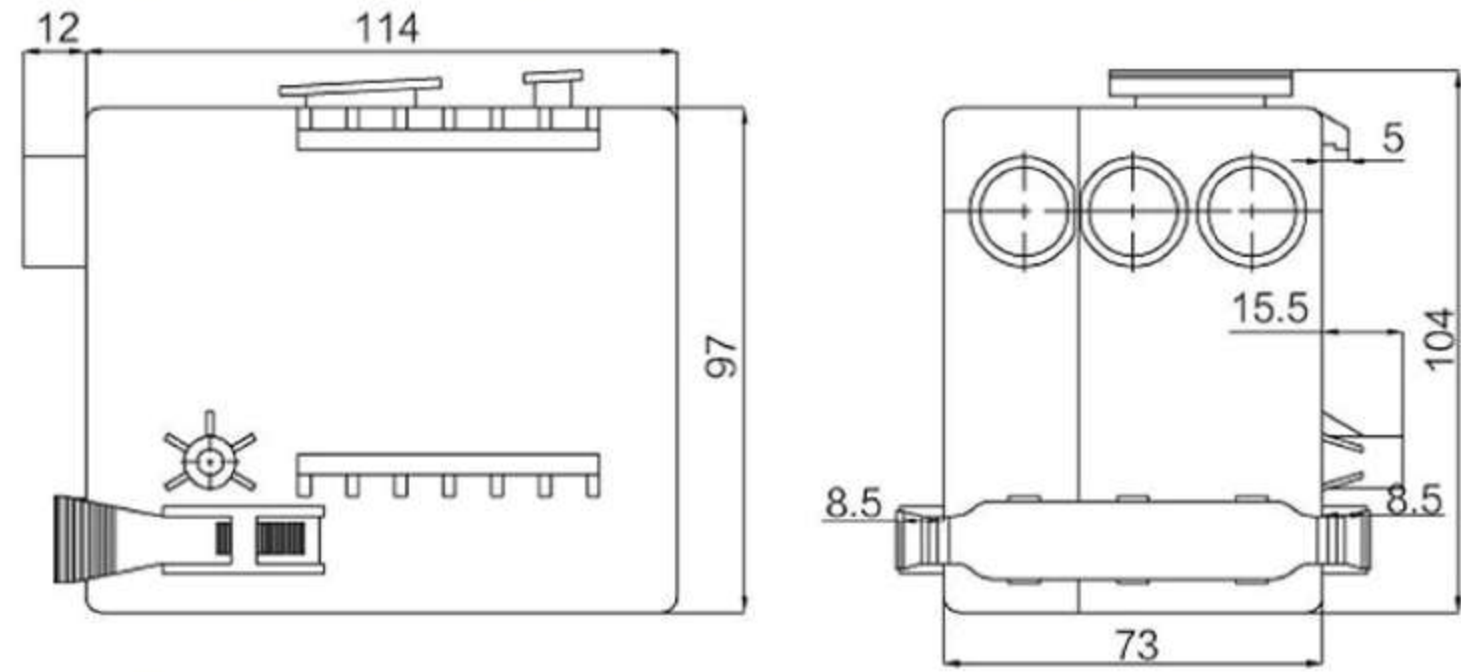
CONTROL BOX SERIES

JDR control boxes are the link between actuators and the related controls used to administer their adjustment. Control boxes are a broad family of intelligent hubs allowing adjustment of various actuator applications. From hospitals and offices to waste water facilities, industrial automation, and heavy-duty machinery within agriculture and construction. They all benefit from actuator systems or solutions with a JDR control box.

Model: YK01



Installation Dimension



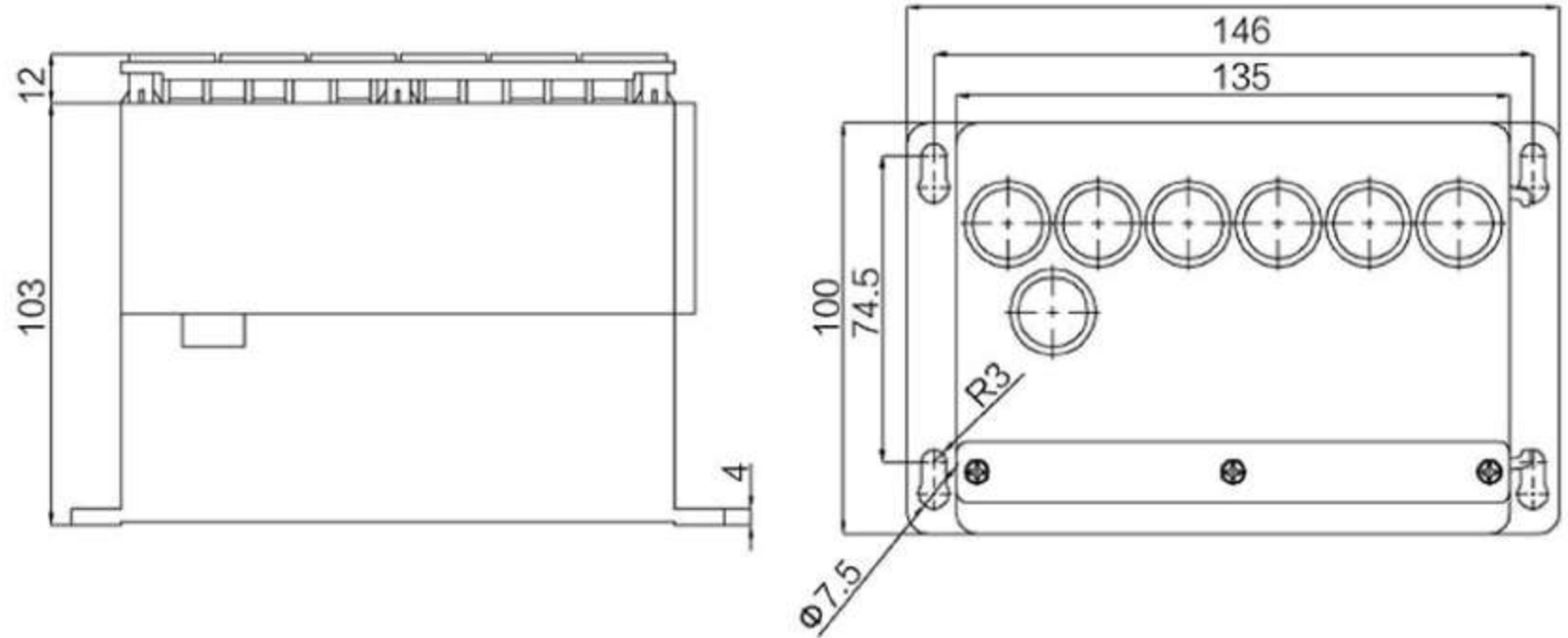
Specifications

Input Voltage	110V/220V/100-240V AC 50/60HZ
Output Voltage	24V DC
Output Power	50VA
Type of Duty	10%, 2 min. on / 18 min. off
Overload Protection	Yes
Backup Battery(Optional)	Yes
Operation Temperature	-15℃ ~ 45℃ Customized
Protection Class	IP43
Wireless Control	Control 2 pcs actuators
Can control 1-4 linear actuator	

Model: YK016



Installation Dimension



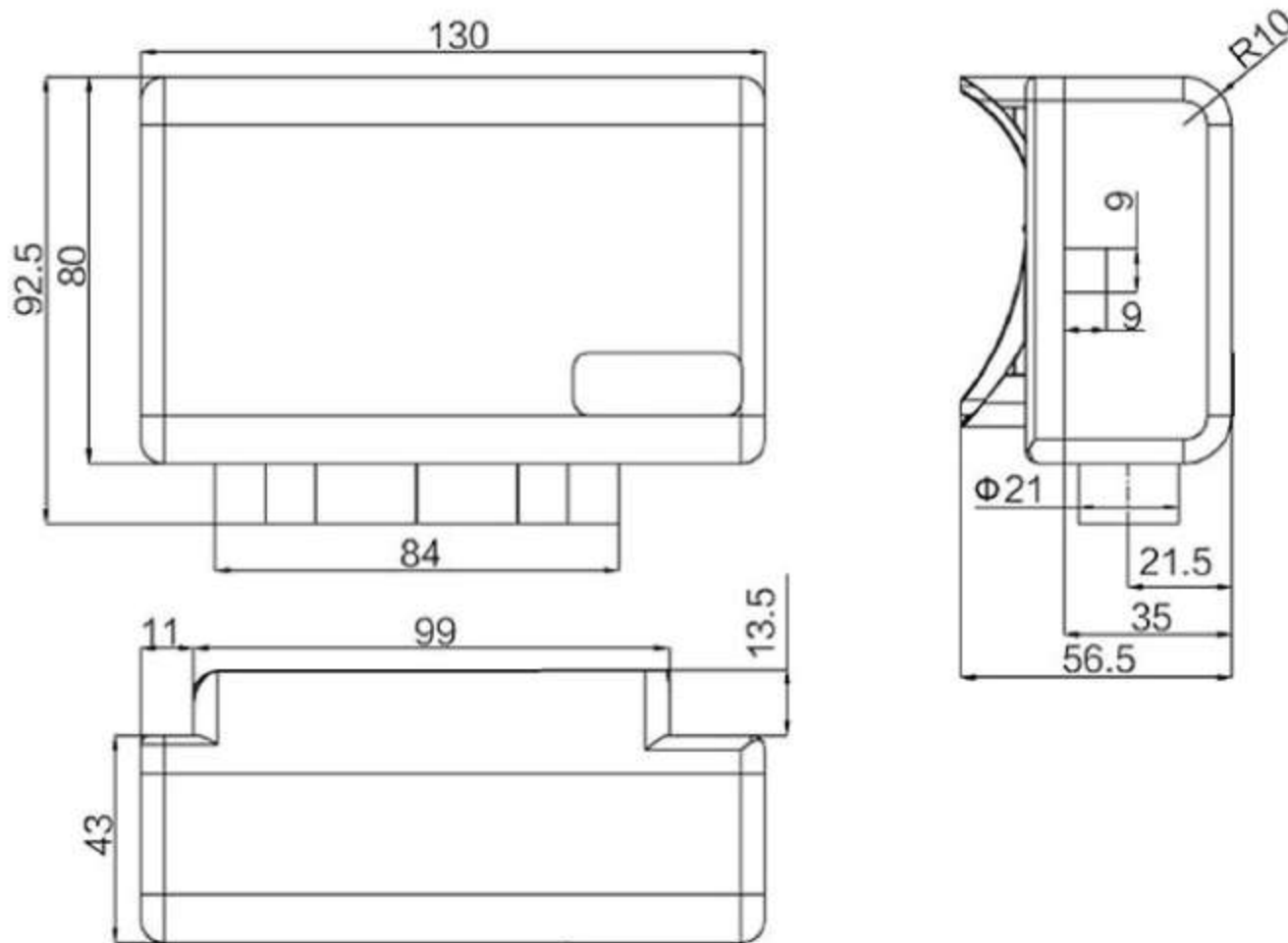
Specifications

Input Voltage	110V / 220V AC 50/60Hz
Output Voltage	24V DC
Output Power	86VA
Type of Duty	10%, 2 min. on / 18 min. off
Overload Protection	Yes
Operation Temperature	-15℃ ~ 45℃ Customized
Protection Class	IP43
Wireless Control	Yes
Can control 1-5 linear actuator	

Model: YK013



Installation Dimension



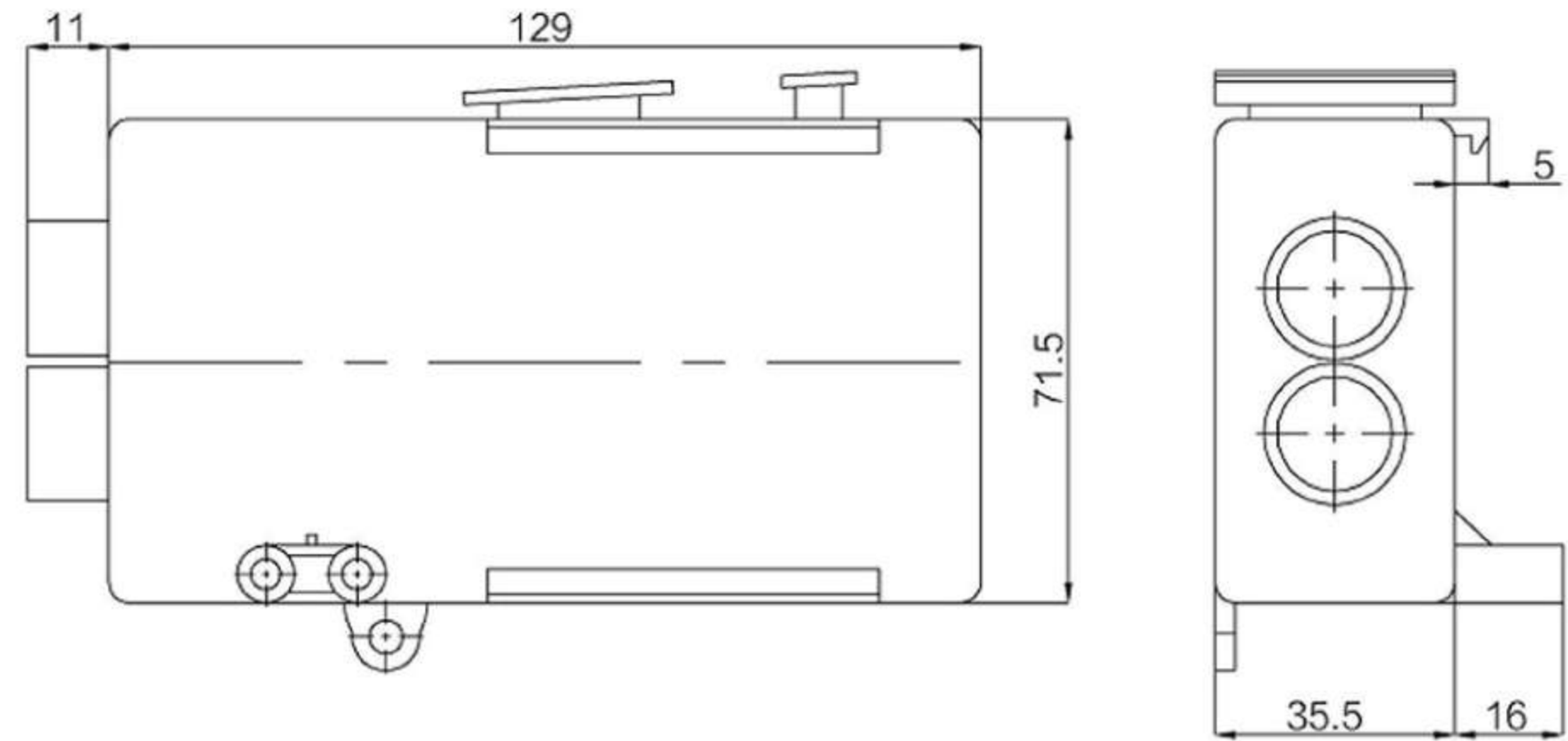
Specifications

Input Voltage	24V DC
Output Voltage	24V DC
Type of Duty	10%, 2 min. on / 18 min. off
Operation Temperature	-15℃ ~ 45℃
Protection Class	IP43
Can control 1-3 linear actuator (Needing adapter)	

Model: YK018



Installation Dimension

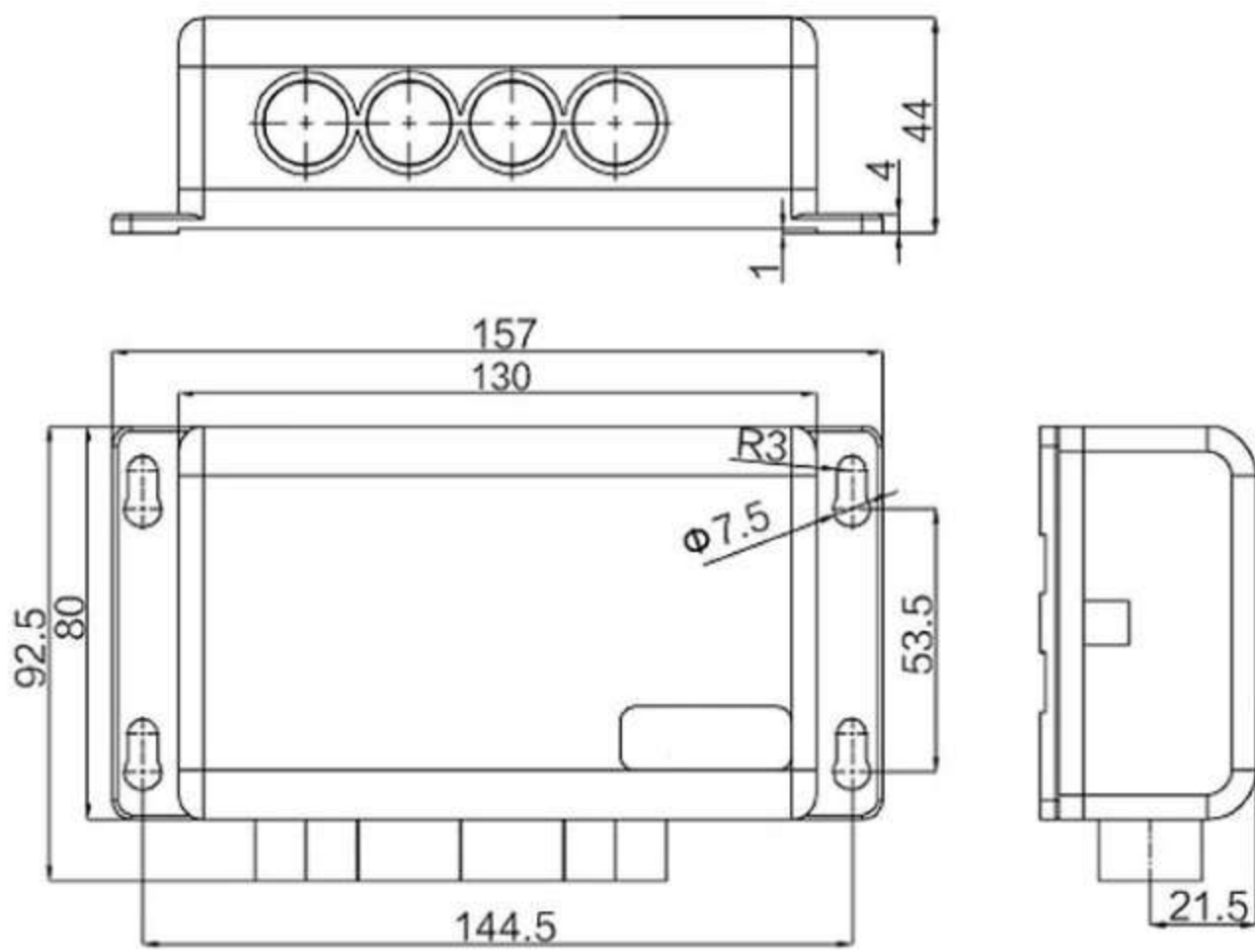


Specifications

Input Voltage	100-240V AC50/60Hz
Output Voltage	24V DC, 2.0A
Type of Duty	10%, 2 min. on / 18 min. off
Overload Protection	Yes
Operation Temperature	-15℃ ~ 45℃ Customized
Protection Class	IP43
Control 1pc actuator	

Model: YK019A

Installation Dimension

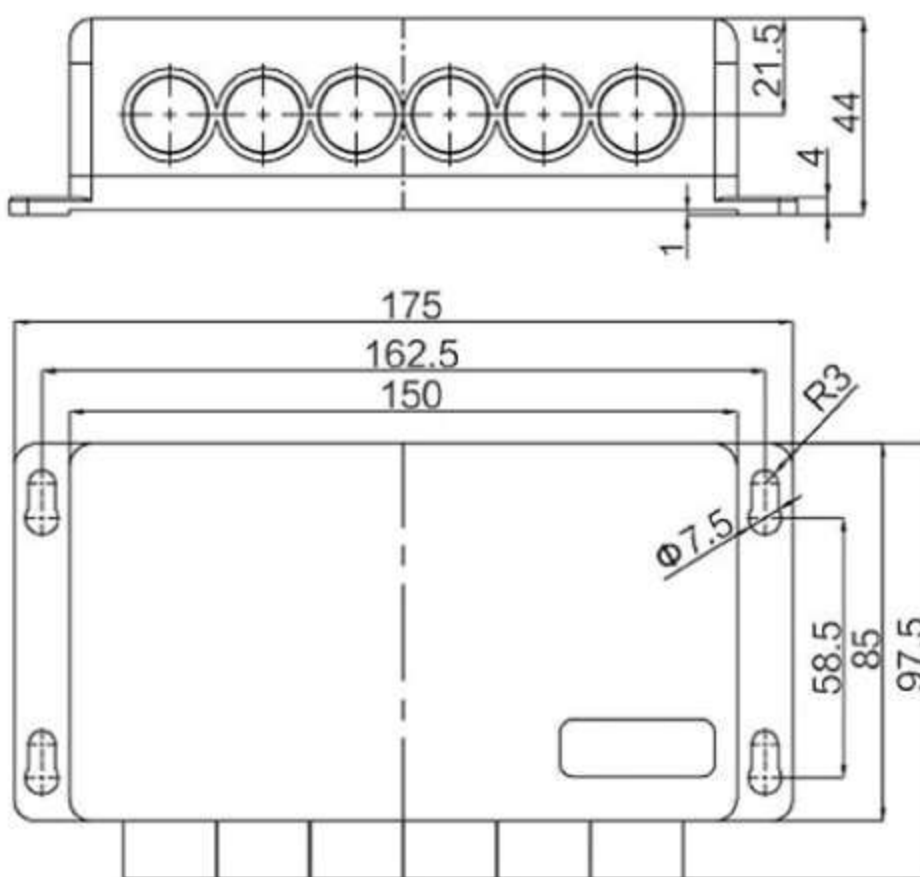


Specifications

Input Voltage	24V DC
Output Voltage	24V DC
Type of Duty	10%, 2 min. on / 18 min. off
Operation Temperature	-15℃ ~ 45℃ Customized
Protection Class	IP43
Can control 1-3 linear actuator (Needing adapter)	

Model: YK019B

Installation Dimension

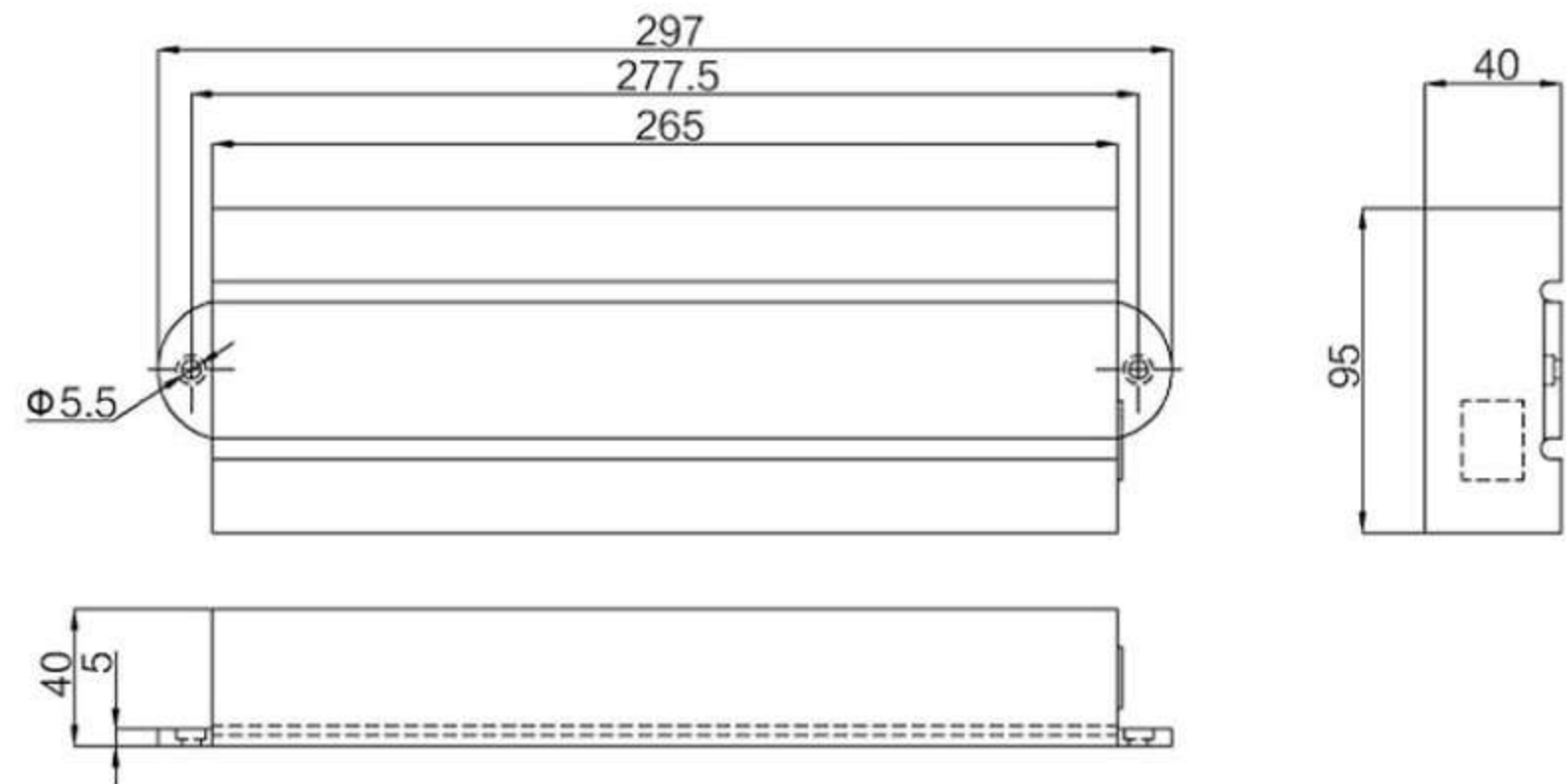


Specifications

Input Voltage	24V DC
Output Voltage	24V DC
Type of Duty	10%, 2 min. on / 18 min. off
Operation Temperature	-15℃ ~ 45℃ Customized
Protection Class	IP43
Wireless Control	Yes
Can control 1-5 linear actuator (Needing adapter)	

Model: YK021

Installation Dimension

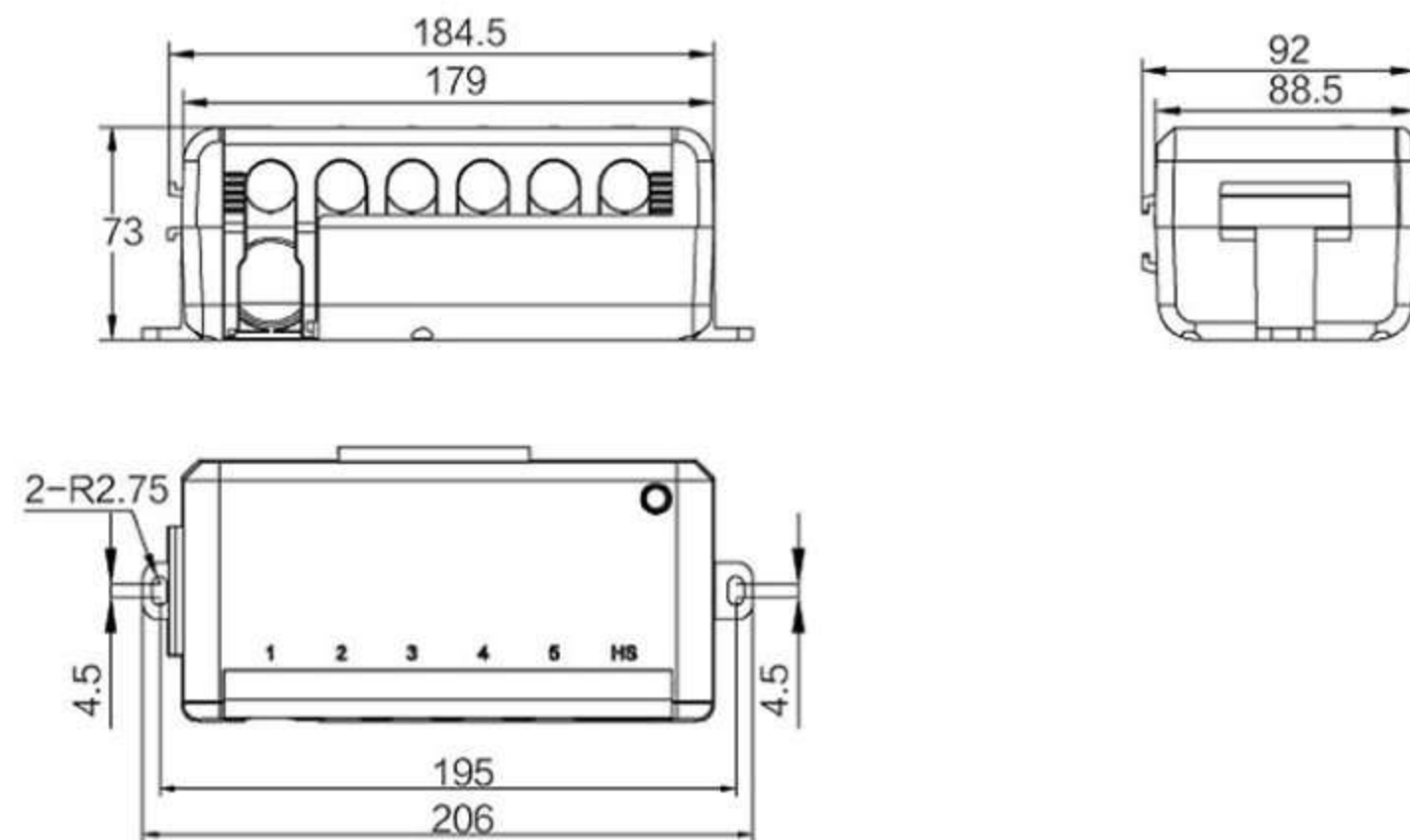


Specifications

Input Voltage	12 / 24 V DC
Output Voltage	12 / 24 V DC
Type of Duty	Max 10%, MaxT_on:2min
Operation Temperature	-15℃ ~ 45℃ Customized
High-power controller, which can connect four motors to work synchronously	

Model: YK023

Installation Dimension



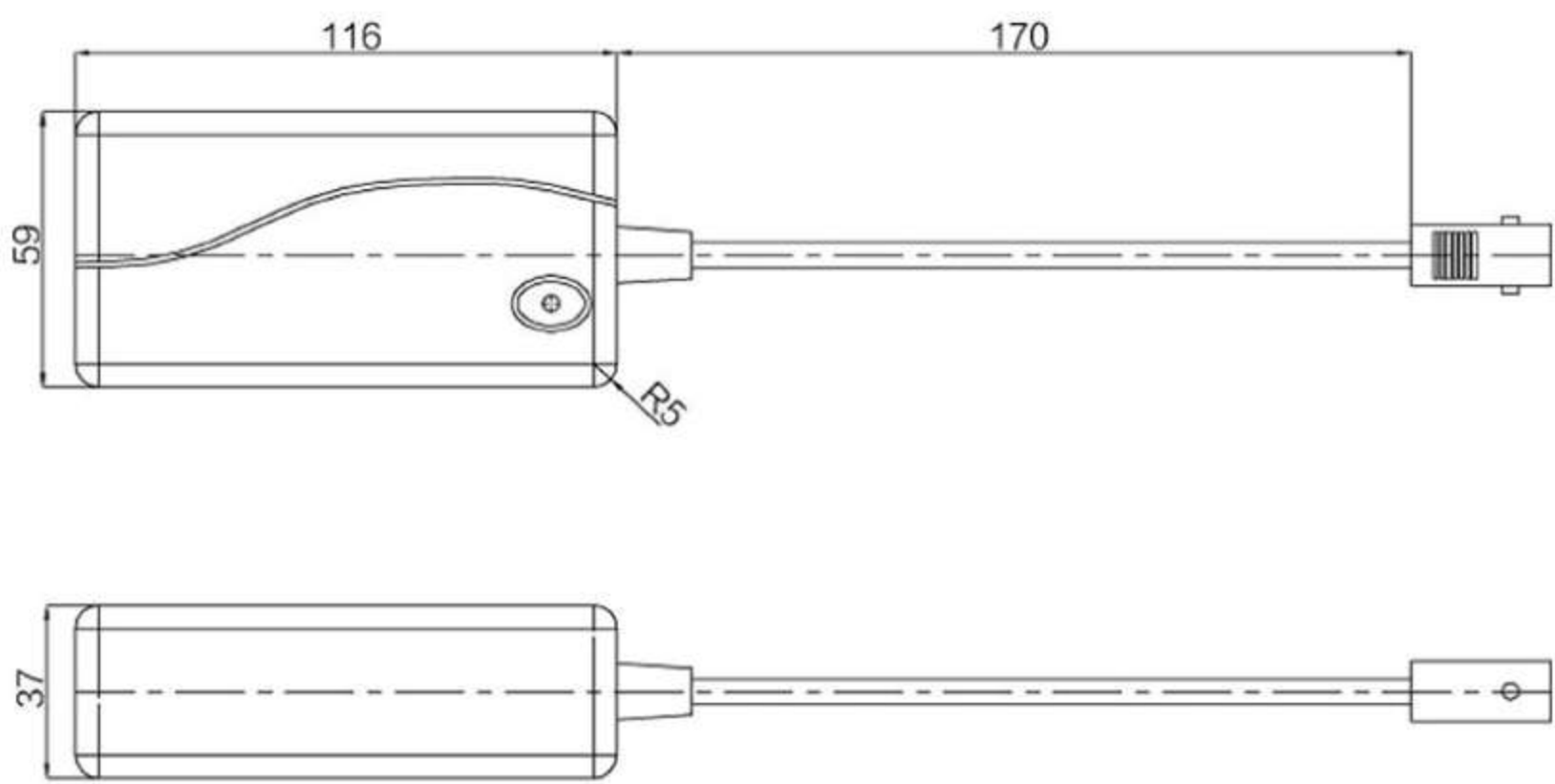
Specifications

Push Rod Quantity	1~5 PCS
Input Voltage	100~240V AC
Output Voltage	29V DC
Colour	Black or White
Overload Protection	Yes
Protection Class	IP65

Model: YK017A



Installation Dimension



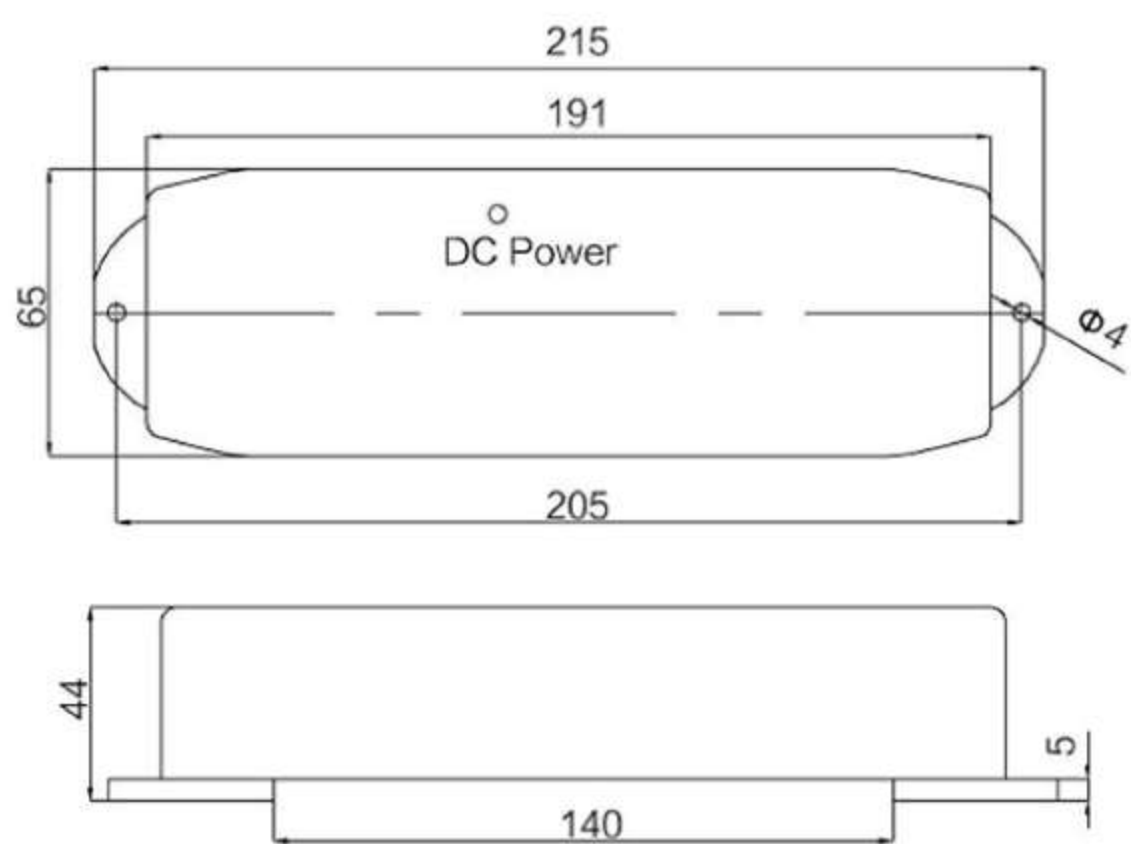
Specifications

Input Voltage	100-240V AC, 50/60Hz, 1.5A
Output Voltage	29V DC, 2.0A
Type of Duty	Max 10%, MaxT_on: 2min
Operation Temperature	-15℃ ~ 45℃ Customized

Model: YK017B



Installation Dimension



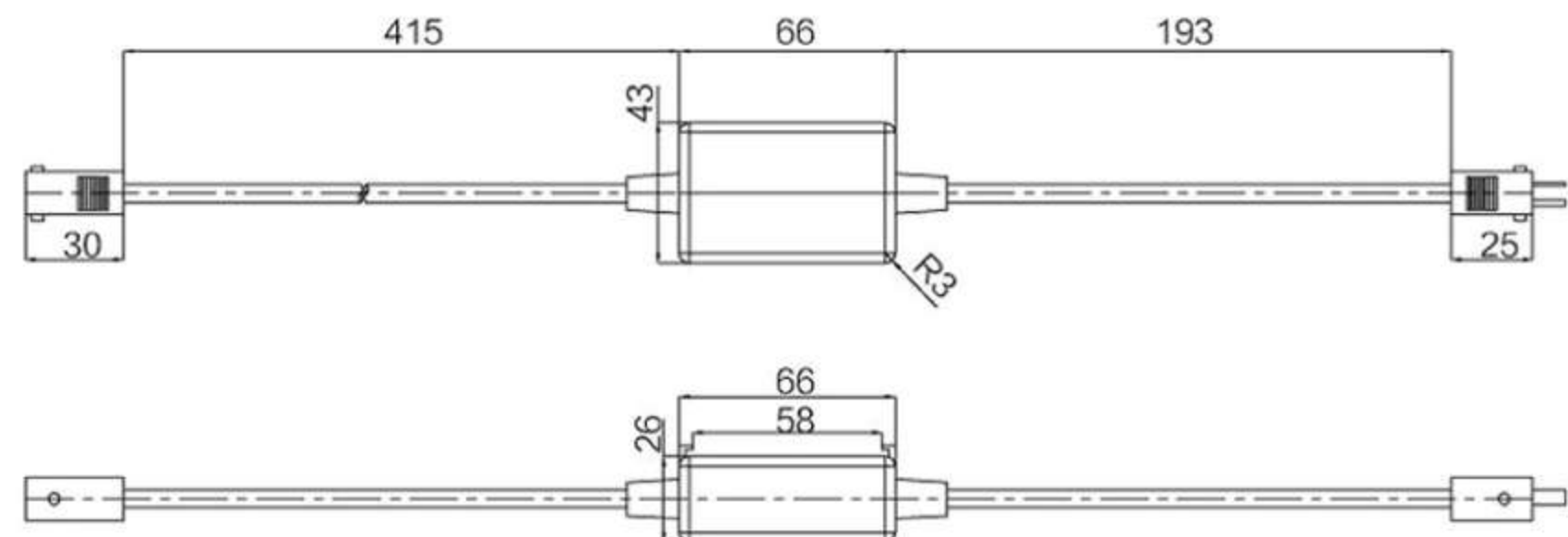
Specifications

Input Voltage	100-240V AC50/60Hz
Output Voltage	29V DC, 2.0A
Type of Duty	Max 10%, MaxT_on: 2min
Backup Battery(Optional)	Yes
Operation Temperature	-15℃ ~ 45℃ Customized

Model: YK022



Installation Dimension



Specifications

Input Voltage	24V DC
Output Voltage	24V DC
Type of Duty	Max 10%, MaxT_on: 2min
Operation Temperature	-15℃ ~ 45℃ Customized
Wireless Control	Yes
Needing adapter	

07

CONTROLLER SERIES

A JDR controller is the unit you use to control the movements of a JDR actuator system. Use the controller to decide if the actuator or lifting column should initiate movement. For JDR actuator systems, there is a variety of control types for various applications. Some come as handsets, some as foot controllers. You can choose according to your needs.



Controller Series

			
YFT01	YFT02	YFT03	YH011
			
YH012	YH013	YH013-W	YH013-USB
			
YH014	YH014-W	YH014B	FYH015
			
YH015B	YH015-W	YH017A	FYH017B

Controller Series

			
YH018	YH019	YH020	YH021
			
YH024	YH026	YH026-W	YH028
			
YH032B	YH032C	YH033	YH033B
			
YH034	YH036	YH044	YH052

Controller Series



YH053



YH053-2



YH026 display screer