

# AUTOMATE™

## AC MECHANICAL LIMIT TUBULAR MOTOR



**MECHANICAL  
LIMIT**



**QUIET  
OPERATION**

AUTOMATE™ | mechanical limit AC motors come in 35mm and 45mm diameters with various torque and speeds, including models with Quiet Operation. A “Slim Head” design minimizes light gap.

### FEATURES:

- Line Voltage (available for both 100V-120V & 220V-240V applications)
- “Slim Head” design minimizes light gap
- Low Operating Noise Levels.
- Mechanical Limits



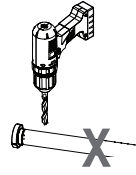
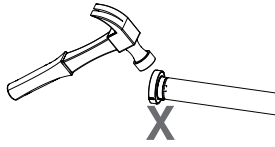
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# SAFETY INSTRUCTIONS

## WARNING: Important safety instructions to be read before installation.

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



## CAUTION

- Do not expose to moisture or extreme temperatures.
- Do not allow children to play with this device.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- For use within tubular blinds.
- Ensure correct crown and drive adaptors are used for the intended system.
- Keep antenna straight and clear from metal objects
- Do not cut the antenna.
- Use only Rollease Acmeda hardware.
- Before installation, remove any unnecessary cords and disable any equipment not needed for powered operation.
- Ensure torque and operating time is compatible with end application.
- Do not expose the motor to water or install in humid or damp environments.
- Motor is to be installed in horizontal application only.
- Do not drill into motor body.
- The routing of cable through walls shall be protected by isolating bushes or grommets.
- Ensure power cable and aerial is clear and protected from moving parts.
- If cable or power connector is damaged do not use.

## Important safety instructions to be read prior to operation.

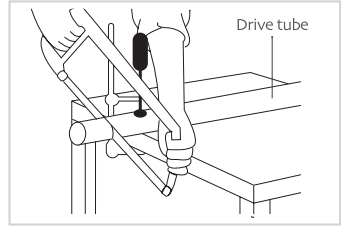
- It is important for the safety of persons to follow the enclosed instructions. Save these instructions for future reference.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Keep remote controls away from children.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep motor away from acid and alkali.
- Do not force the motor drive.
- Keep clear when in operation.



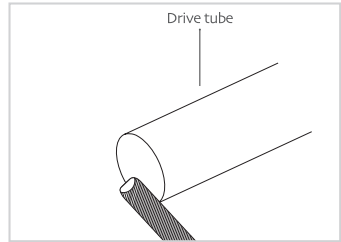
# 1 ASSEMBLY

Please refer to Rollease Acmeda System Assembly Manual for full assembly instructions relevant to the hardware system being used.

**Step 1.** Cut roller tube to required length.

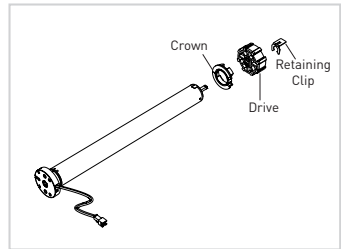


**Step 2.** Ensure roller tube is clean and free from burrs.



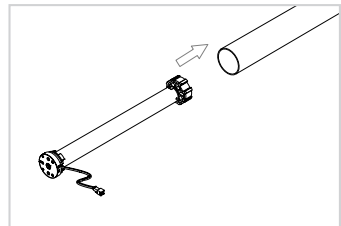
**Step 3.** Fit required crown, drive and bracket adapters.

Tube must be close fitting with chosen crown and drive adapters. Refer to Rollease Acmeda System Assembly Manual for recommended crown, drive, and bracket adapter kits.



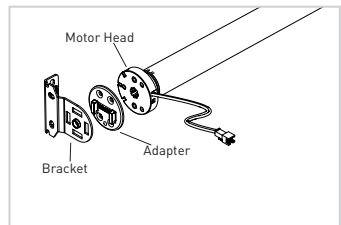
**Step 4.** Slide Motor into tube.

Insert by aligning keyway in crown and drive wheel to the tube.



**Step 5.** Mount motorized tube onto brackets.

Refer to Rollease Acmeda System Assembly Manual for recommended crown, drive, and bracket adapter kits.

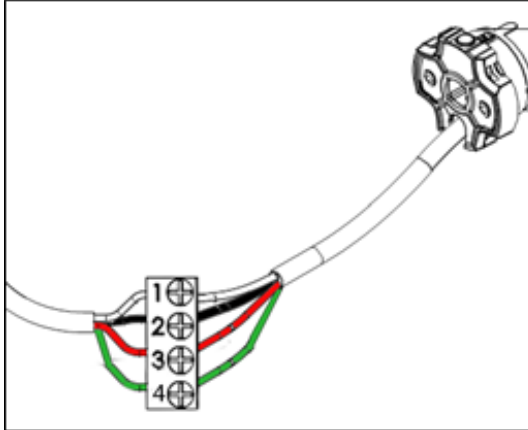


## 2 WIRING

### 2.1 Power options

Cut off the mains power supply

- Connect the motor according to the information in the table below.



Range	Neutral	Live 1	Live 2	Earth
220-240V	Blue	Brown	Black	Yellow / Green
100-120V	White	Black	Red	Green

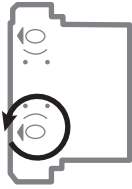


Ensure cable is kept clear of fabric.

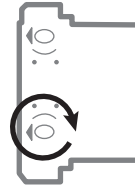
### 3 ADJUSTING LIMITS: FRONT ROLL, LEFT MOUNT

#### 3.1 Adjusting Upper Limit

To raise the limit, turn bottom adjuster counterclockwise towards the "+".



To lower the limit, turn lower adjuster clockwise towards the "-".



Motor Response

Upper limit will raise.



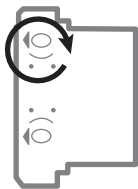
Motor Response

Upper limit will lower.

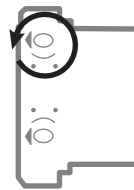


#### 3.2 Adjusting Lower Limit

To raise the limit, turn bottom adjuster counterclockwise towards the "+".



To lower the limit, turn lower adjuster clockwise towards the "-".



Motor Response

Lower limit will raise.



Motor Response

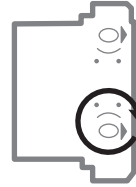
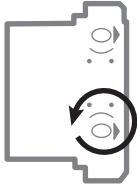
Lower limit will become lower.



## 4 ADJUSTING LIMITS: FRONT ROLL, RIGHT MOUNT

### 4.1 Adjusting Upper Limit

To raise the limit, turn bottom adjuster counterclockwise towards the "+".



Motor Response

Upper limit will raise.



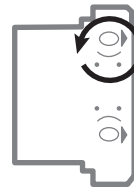
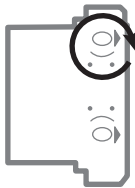
Motor Response

Upper limit will lower.



### 4.2 Adjusting Lower Limit

To raise the limit, turn upper adjuster clockwise towards the "-".



Motor Reponse

Lower limit will raise.



Motor Reponse

Lower limit will become lower.

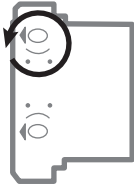




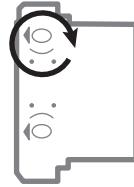
# 5 ADJUSTING LIMITS: REVERSE ROLL, LEFT MOUNT

## 5.1 Adjusting Upper Limit

To raise the limit, turn upper adjuster counterclockwise towards the "+".



To lower the limit, turn upper adjuster clockwise towards the "-".



Motor Response

Upper limit will raise.



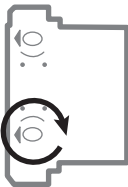
Motor Response

Upper limit will lower.

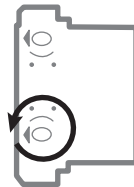


## 5.2 Adjusting Lower Limit

To raise the limit, turn upper adjuster counterclockwise towards the "+".



To lower the limit, turn upper adjuster clockwise towards the "-".



Motor Response

Lower limit will raise



Motor Response

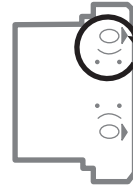
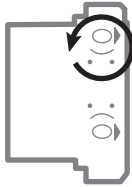
Lower limit will become lower.



## 6 ADJUSTING LIMITS: REVERSE ROLL, RIGHT MOUNT

### 6.1 Adjust Upper Limit

To raise the limit, turn upper adjuster counterclockwise towards the "+".



Motor Response

Upper limit will raise.



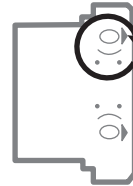
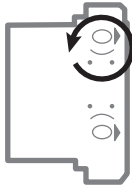
Motor Response

Upper limit will lower.



### 6.2 Adjust lower limit

To raise the limit, turn upper adjuster counterclockwise towards the "+".



Motor Response

Lower limit will raise.



Motor Response

Lower limit will become lower.



## 7 TROUBLESHOOTING

Problem	Cause	Remedy
Motor is not responding	Incorrect wiring	Check that wiring is connected correctly (refer to motor installation instructions)

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