

Manual Tubular Motor Instruction



M/Manual

TM45 Series Motor / TM50 TM92 Series Motor

Usage

Technology



Awning
TM45 Series Motor



Metal Roller Shutter
TM45 Series Motor



Roller shutter
TM45 TM50 TM92 Series Motor

Nameplate

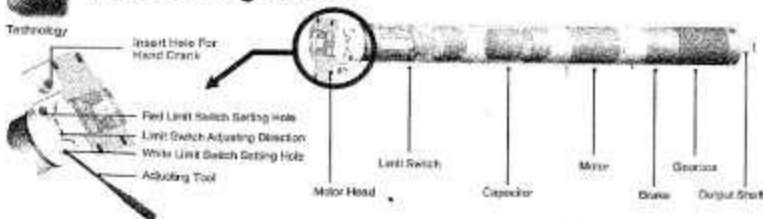
Technology



Explanation: **NM** Tubular Motor, **45** Tube Diameter, **M - 20** Manual Type, **Rated Torque (N.m)**, **15** Rated Speed (rpm)

Motor Configuration

Technology





Up-limit Switch Setting

Step

When the motor head is on the left of the door or the window, need enlarge the up distance, using the adjusting tool to turn the red limit switch setting hole, towards the direction of "+", whereas, towards the direction of "-".



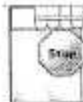
Power On

1

When the motor head is on the right of the door or the window, need enlarge the up distance, using the adjusting tool to turn the white limit switch setting hole, towards the direction of "+", whereas, towards the direction of "-".



3



When the up-limit switch distance reach the ideal position, stop turning limit switch setting hole and press the "stop" key.

4



Up-limit switch distance set successfully

5



Press Key "Up"

2



3



When the motor stop working, don't use adjusting tool to turn the limit switch setting hole.



Down-limit Switch Setting

Step

When the motor head is on the left of the door or the window, need enlarge the down distance, using the adjusting tool to turn the white limit switch setting hole, towards the direction of "+", whereas, towards the direction of "-".



Power On

1

When the motor head is on the right of the door or the window, need enlarge the down distance, using the adjusting tool to turn the red limit switch setting hole, towards the direction of "+", whereas, towards the direction of "-".



3



When the down-limit switch distance reach the ideal position, stop turning limit switch setting hole and press the "stop" key.

4



Down-limit switch distance set successfully

5



Press Key "Down"

2



3



When the motor stop working, don't use adjusting tool to turn the limit switch setting hole.



Trouble and solutions

Note

Trouble

- Press the transmitter remote control to another place, avoid power of receiver.
- The driving receptor can only receive in one direction when the power is on.
- When power is switched on, the motor refuses to work or starts slowly.
- Sudden stop of the speeding motor.
- The motor stops operation and pull height cannot be increased.
- Unexpected noise without pulling motor rolling.

Possible reasons

- Line connection errors
- The weak of the drive direction is at
- Voltage too low
 - Errors of line connections
 - Overheat
 - Installation errors
- Reverse operating time (power) exceeded
- The spring has been adjusted to the maximum
- The side line ring, which leaves the gap between the rolling skater and the bracket is too

Solutions & suggestions

- Exchange the connection head between the driver and the receiver
- Reduce the crown toward the rolling direction of the driving actuator
- Regulate the voltage to the rated
 - Check the drive and receiver
 - Install the line between the two coils longer
 - Relax the motor
- After operation 20 minutes, it will overheat automatically when the motor runs 5000
- Reduce the spring and reduce the crown between the driving direction several inches (according to the manufacturer), then put it into the hole and adjust to the necessary working position
- If the roller is flexible, absorb only 1/3 of the load with a gap, to loosen the tightness between the bracket and roller skater