



B24 DC motor

Instruction

Characteristics

B24 motor is a kind of DC motor. It is convenient to install and use. This motor is widely used for mini Venetian blinds, cellular blinds, and so on.

Attentions

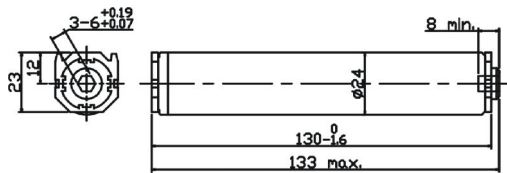
1. Please install and adjust this product by qualified people.
2. Please read this specification carefully before use and installation.

Parameters

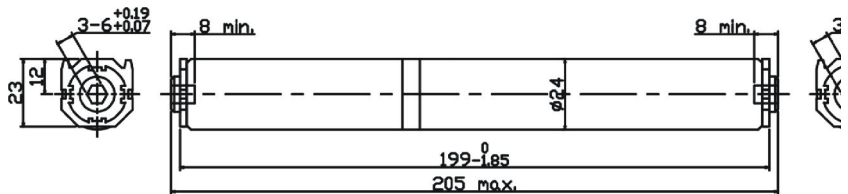
B24 motor

Rated voltage	24 V DC
Rated current	430 mA
Rated torque	0.6 Nm
Rotary speed	30 rpm
Output method	single output shaft / double output shaft

Dimension of B24 single output shaft motor



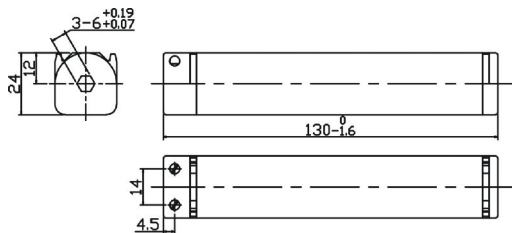
Dimension of B24 double output shaft motor



Limit switch

Current	Max. 1000mA
Turns	Max. 63 turns

Dimension of B24 limit switch



Connection

For motor

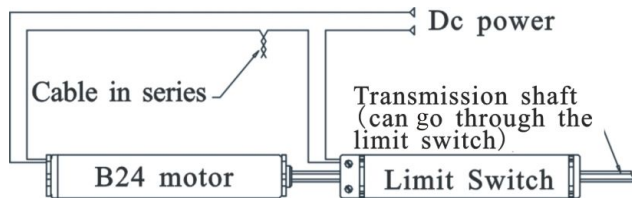
B24 motor is installed in the roller motorize system with head rail, flange and transmission shaft. The output shaft connects to the transmission shaft, and the transmission shaft connects to

the flange.

Transmission shaft can go through the limit switch.

For power cable

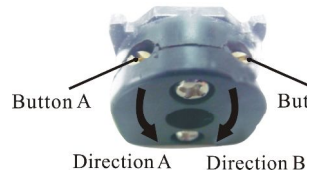
B24 motor can be series connection with the limit switch, and connect to the DC power supplier.



Limit setting

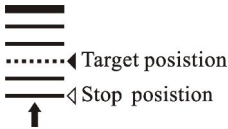
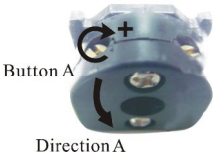

Attentions

1. Limit setting must be done after the whole system installed (including slats).
2. Direction A and B indicate the direction of the output shafts, this direction perhaps is as same as the moving direction of the slats, or completely opposite. So please do not refer to the moving direction of the slats as the motor direction. If the opposite direction occurs, please exchange the anode and cathode connection between the limit switch and the motor.
3. The motor and the limit switch can be placed according to the space of the head rail, so it is not the fix place for the limit switch , if the function of the limit switch lost when adjusting, please check whether the cable is connected in wrong, and try to reverse.


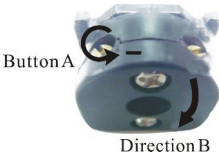
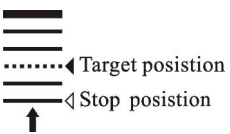



Up limit setting

Setting up limit in normal condition :


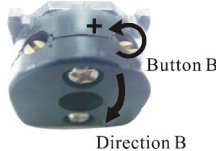
<p>1. Control blind to go to up side(Suppose direction A is the up moving direction of the blind), it stops before target position.</p>	<p>2.Adjust [Button A] to direction “+” (Suppose the up moving direction of the blind is direction A) .</p>	<p>3.During adjusting the blind will go to continually and stop position finally, the setting finished.</p>
 <p>Target position Stop position</p>	 <p>Button A Direction A</p>	 <p>Target</p>

Setting up limit when the limit beyond target position :

<p>1. Control the blind to go to up side, but it goes on working after reaching the target position.</p>	<p>2. Control the blind to go to down side (direction B) until the range of target position, and adjust [button A] to direction “-” at the same time.</p>	<p>3. Then control the blind to go to up side again ,if the blind stops before target position, then continue to set the limit as per the above “Setting up limit in normal condition”.</p>	<p>4. If the blind is on working and not reaching the target position, please turn 2 for setting.</p>
 <p>Target position</p>	 <p>Button A Direction B</p>	 <p>Target position Stop position</p>	 <p>Target</p>

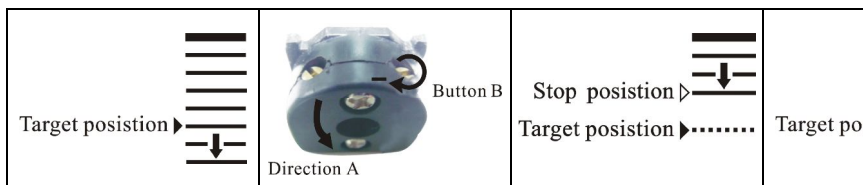
Down limit setting

Setting down limit in normal condition :

<p>1. Control the blind to go to down side(Suppose direction B is the down moving direction of the blind), it stops before target position.</p>	<p>2. Adjust [Button B] to direction “+” (Suppose the down direction of the blind is (direction B) .</p>	<p>3. During adjusting, the blind will go to continuously and stop position finally, then setting finished.</p>
<p>Stop position ▶ </p> <p>Target position ▶.....</p>	<p></p> <p>Direction B</p>	<p>Target position</p>

Setting down limit when the limit beyond target position:

<p>1. Control the blind to go to down side, but it goes on working after reaching the target position.</p>	<p>2. Control the blind to go to up side(direction A) until the range of target position, and adjust [button B] to direction “-” at the same time.</p>	<p>3. Then control the blind to go to down side again, if the blind stops before target position, then continue to set the limit as per the above “Setting down limit in normal condition”.</p>	<p>4. If the blind is on working, after reaching the target position, it will go back to stop position after setting again.</p>
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