3.2 Rod Type

- RA5C, 42P - 50 - B

1. Slider Type

1.1 Motor Straight Type

RA3C, RA5C, RA6C

1.2 Motor Reversing Type

The direction of the motor is either left reversed: ML (shown in figure above) or right reversed: MR.

2. Storage and Preservation Environment

2.1 Motor Straight Type

The storage and preservation environment should comply with the same standards as those for the installation environment. In particular, when the machine is to be stored for a long time, pay close attention to environmental conditions so that no dew condensation forms.

- Unless specially specified, moisture absorbency protection is not included in the package when the machine is delivered. In the case where the machine is to be stored and preserved in an environment where dew condensation is anticipated, take the condensation preventive measures from outside of the entire package, or directly after opening the package.

- For storage and preservation temperature, the machine withstands temperatures up to 60°C for a short time, but in the case of the storage and preservation period of 1 month or more, control the temperature to 50°C or less.

- The product should be stored in the horizontal orientation while in storage and preservation. In the case it is stored in the packaged condition, follow the posture instruction if any displayed on the package.

- The direction of the motor is either left reversed: ML (shown in figure above) or right reversed: MR.

1. Clean Room Type
2.2 Motor Reversing Type

The direction of the motor is either left reversed: L (shown in figure above) or right reversed: R.

For the details of dimensions and outlines, refer to the catalog or Instruction Manual (DVD).

Attachment

Refer to the Instruction Manual (DVD) for the attachments of the actuator and loads.

<table>
<thead>
<tr>
<th>No.</th>
<th>Item</th>
<th>Precautions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Installation</td>
<td>Installing the slider type in the horizontally oriented wall mount or ceiling mount may cause the stainless sheet to be deformed or the side and the bottom surfaces of the base of the actuator to become dirty. If accuracy for the run is required, use these surfaces as a datum of the installation.</td>
</tr>
<tr>
<td>2</td>
<td>Attachment Surface</td>
<td>The base has to have a structure with sufficient rigidity to prevent rotation. The side and the bottom surfaces of the base of the actuator are the datum for the slider plane. If accuracy for the run is required, use these surfaces as a datum of the installation.</td>
</tr>
<tr>
<td>3</td>
<td>Bolt to be used</td>
<td>For the bolts to be used, a high-tensile bolt complying with ISO-10.9 or more is recommended. Please make sure that the thread length dimension is more than the effective depth of the hole.</td>
</tr>
<tr>
<td>4</td>
<td>Tightening Torque</td>
<td>Please follow the specification values stated in the Instruction Manual (DVD) for the tightening torque. Failure to do so may cause an operation problem.</td>
</tr>
<tr>
<td>5</td>
<td>Load Moment and Overhung length</td>
<td>Please follow the specification values stated in the Instruction Manual (DVD) for the load moment and the overhung length. Failure to do so may cause abnormal vibration or noise, and also may remarkably shorten the product life.</td>
</tr>
<tr>
<td>6</td>
<td>Stainless sheet</td>
<td>Please follow the specification values stated in the Instruction Manual (DVD) for the load moment and the overhung length. Failure to do so may cause abnormal vibration or noise, and also may remarkably shorten the product life.</td>
</tr>
</tbody>
</table>

Note 1: Only the motor type of rod type 5S6P is applicable for PCON-CFA Controller.

Prohibited items in the Cable Processing
- Do not pull or bend forcibly the cable so as not to give any extra load or tension to the cable.
- Do not process the cable for extension or shortening by means of cutting out, combination or connecting with another cable.
- Do not bend the cable in the area from the connector tip to 150mm on the both ends.
- Robot cable : CB-CA-MPA□□□-RB, CB-CFA2-MPA□□□-RB, CB-CAN-MPA□□□-RB

Wiring

For the controller, only the dedicated controller manufactured by our company can be used.

For the connection between the actuator and controller, use the attached dedicated connection cable.

[Connection to the controller]

Dedicated controller
- PCON-CFA (Fixed type)
- MSEP
- MSEL

Dedicated connection cable
- Motor-encoder : CB-CFA□□□-MPA
- Motor-encoder robot cable : CB-CFA□□□-MPA-RB

Robot Cable
- CB-CA-MPA□□□-RB, CB-CFA2-MPA□□□-RB, CB-CAN-MPA□□□-RB

For the details of dimensions and outlines, refer to the catalog or Instruction Manual (DVD).