
Precautions for Attaching the Rotary Union

Attach the MANO CLAMP and the rotary union as described on pages 16 through 22. It is recommended to use an optional exclusive-use retainer.

Be careful that bad centering may cause baking.

In particular, at the beginning of use, tighten bolts several times until the tightening bolts conform gently. Check for the deflection of the center.

Rotary bearings are precision bearings. Be sure to supply lubricating oil as oil fog.

When air piping is newly installed, cause lubricating oil to be released until it comes out of the mouth of a hose. After that, install piping to the F port and provide a mist flush.

Before using, check that lubricating oil is supplied at a rate of more than 3 drops per minute.

Avoid corrosive gas. Use clean dry air only.

Do not use oxidizing and reactive coolants.

Supply an air-mist purge port with the same pressure as a coolant pressure or the minimum 0.3 MPa. (The use of a high-pressure coolant at 1.0 MPa is determined separately through mutual consultation.)

Use a coolant pressure below a specified pressure (0.5 MPa). (The use of a high-pressure coolant at 1.0 MPa is determined separately through mutual consultation.)

Be sure to install an Air Control Unit.

Avoid a rapid temperature change. Set a working temperature at temperatures between 5 ° and 40 °.

(However, a lead-in pressure (increased force) is 0.6 MPa at the maximum.)

※ When starting a rotary union, perform running-in. Avoid rapid high-speed rotation.