

Installation, Use and Maintenance Instructions For Rotary Union Type GB

SAFETY INSTRUCTIONS

Please follow your company's safety procedures whenever working on Johnson-Fluiten rotary unions and read all of the instructions completely before proceeding. Please refer to the engineer drawings of your Johnson-Fluiten rotary union for part identification. If you have any question, please contact your sales representative or Johnson-Fluiten directly.

LUBRICATION**NOTICE**

Johnson-Fluiten recommends to use Silicon grease SIL133 or equivalent for all gaskets compounds.

ASSEMBLY INSTRUCTIONS**Preliminary check**

Before proceeding with assembly verify:

- Rotor housing: diameter and depth of threading
- Rotary joint connection: fittings are suitable for connections

Rotary joint assembly

- Lubricate threaded connections.
- Clamp slightly the rotary joint body and connect flexible hoses with the joint
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WARNING

Avoid locking of fitting with the rotary joint inslatted on the machinery shaft. Locking force could produce deformation of the rotor or damage of the ballbearings

WARNING

Apply soft pads on the clamping device. Avoid excessive clamping which could damage the ballbearings housing.

- Connect the rotary joint with the machinery shaft and with the working fluid circuit.
- Connections shall be with flexible hoses. Avoid short radius on hoses to prevent overloading of the rotary joint ballbearings
- Carry out a manual rotation and verify smooth rotation of the rotary joint.

FUNCTIONAL TEST

- It is not possible to define in detail the functional test which will depend on the type of installation. Anyway some general suggestions are below specified:

- start up the machinery
- operate for at least 5 minutes verifying:

Absence of leakage

Absence of vibrations or noises produced by the joint

Absence of excessive heating of the rotary joint

**MAINTENANCE INSTRUCTIONS**

Johnson-Fluiten does not suggest to repair this union onsite. In case of special union customized parts might be restored after evaluation in our maintenance dept.

Please contact Johnson-Fluiten for any assistance.

Johnson-Fluiten Warranty

Johnson-Fluiten products are built to a high standard of quality. Performance is what you desire: that is what we provide. Johnson-Fluiten products are warranted against defects in materials and workmanship for a period of one year after date of shipment. It is expressly understood and agreed that the limit of Johnson-Fluiten's liability shall, at Johnson-Fluiten's sole option, be the repair or resupply of a like quantity of non-defective product.