

# Installation Instructions For Rotary Union Type G/5007

## 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. All retrofit installations should be carefully inspected and gauged for actual pilot bore diameter. The high precision Type G union cannot be properly installed if the rotor pilot and spindle pilot bore are not properly matched.

## 1. INTRODUCTION

### 1.1 LUBRICATION

Recommended lubricants for the seal components is **silicon grease SIL133** or equivalent

## WARNING

Ethylene Propylene gaskets must be lubricated with silicon grease: other types of grease could damage the gaskets. Do not dispose lubricants in the environment: lubricants are highly pollutive products and must be disposed in the collection centres.

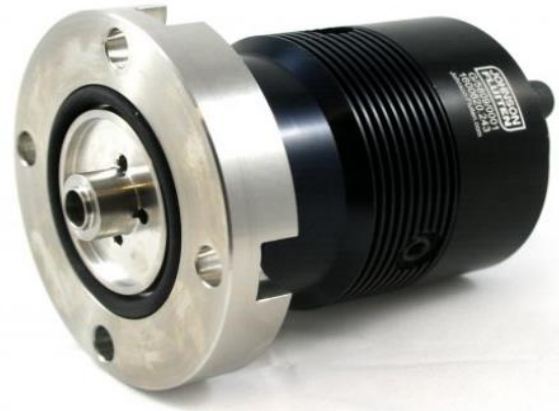
## 2. ASSEMBLY INSTRUCTIONS

### 2.1 PRELIMINARY CHECKS

Before proceeding with assembly checks all dimensions specified in the drawing F5007 in your hands.

### 2.2 ROTARY JOINT ASSEMBLY (make reference to drawing in your hands)

- Apply all the flexible connection into the ports (see the drawing in your hands), before the rotary joint assembly.
- Set the gasket Ref.24 into the mating plane centre.
- Take the rotary joint and set it nearby the mating plane and verify that the nipple centerline is aligned with the mating plane centerline.
- Verify that the connection ports are correctly oriented in respect of the plant lines.
- Mount the rotary joint into the machinery. Take care with this operation.
- When the contact between the nipple and the mating plane is reached, apply and lock all screws. A cross locking is recommended.
- Carry out, if it is possible, a hand rotation of the shaft.



## 3. OPERATING LIMITS

See the working limits in the drawing F5007 in your hands.

## 4. MAINTENANCE

### 4.1 ADVANCE MAINTENANCE

Sealrings must be handled with care: its faces are lapped and can be damaged.

Silicon carbide/tungsted carbide sealrings are extremely fragile.

## WARNING

The maintenance of the rotary union shall be carried out on Johnson-Fluiten workshop.

## NOTICE

Please contact Johnson-Fluiten for any information

### 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.