


# Insulating Sleeve Installation Instructions

 [fluidhandling.kadant.com/en/knowledge-center/installation-and-repair-instructions/additional-support-information/insulating-sleeve-installation-instructions](https://fluidhandling.kadant.com/en/knowledge-center/installation-and-repair-instructions/additional-support-information/insulating-sleeve-installation-instructions)

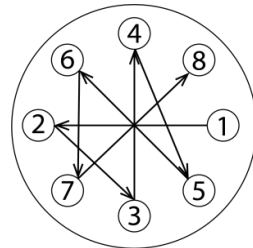
Effective: May 1, 2021



## Introduction

Read all of the instructions before proceeding.

Refer to Kadant Johnson assembly drawing for part identification and to drawing A37640 for torque specifications. For easy identification, parts used in individual steps are often accompanied with their position in the assembly drawing [e.g. gasket (8B)]. Tighten all fasteners in a star pattern. Certified drawings are available upon request. Dimensions are for reference only and subject to change.



## Safety



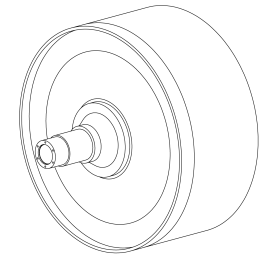
This safety symbol alerts you to risk of death or injury if the instructions are not followed. In all steps, death or injury may result if the machine is not de-energized, depressurized, cooled, and stopped. Death or injury may occur if the product is operated with a fluid type or at a pressure, temperature, or speed that do not meet its specifications. Death or injury may occur if heavy parts and pinch hazards are not handled properly. Follow your company's safety procedures.

## Step 1

Remove existing equipment from dryer journal. Clean all journal gasket surfaces. Chase and clean tapped holes.



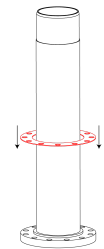
Equipment must be cooled and free of pressure.



## Step 2

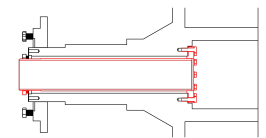
Use spray adhesive to position and hold gasket on insulating sleeve.

**Note:** If a spider flange is used, attach it to the insulating sleeve using two number 10-socket head cap screws.



## Step 3

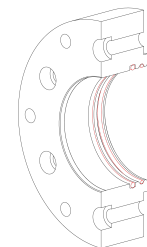
Leave plastic mesh on end of insulating sleeve. From the inside of the dryer pass the insulating sleeve into the journal. Install and finger tighten hex head cap screws so the insulating sleeve can still shift.



## Step 4

Lubricate the hard and soft O-rings with silicon lubricant. Inside the journal flange, install hard O-ring into the "V" shaped O-ring gland and soft O-ring into the square O-ring gland.

**Note:** Only lubricate O-rings with Kadant Johnson silicone lubricants. Do not use anti-sieze or petroleum based products. Consult SDSs.



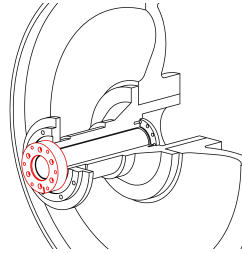
## Step 5

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Using spray adhesive, place gasket onto face of journal flange. Remove the plastic mesh and clean the O-ring surface of the insulating sleeve. Pass journal flange over the insulating sleeve and secure to journal.

**Important:** Tighten the hex head cap screws used in Step 4 and the journal flange cap screws. Torque to the values listed on the Kadant Johnson drawing.

**Tip:** Apply silicone lubricant to the O-ring surface of the insulating sleeve. This helps with preventing O-ring damage.



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# KADANT

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

Kadant Johnson Rotary joints and accessories are (could be) subject to European Pressure Equipment Directive 2014/68/EU (PED). Modifications or changes to the Rotary joints and/or accessories are only permitted upon approval of Kadant Johnson. Only genuine Kadant parts and original accessories will ensure the safety of these assemblies. The use of other than original parts voids the warranty and will lead to forfeiture of the declaration of conformity and will invalidate any liability for damages cause thereby.