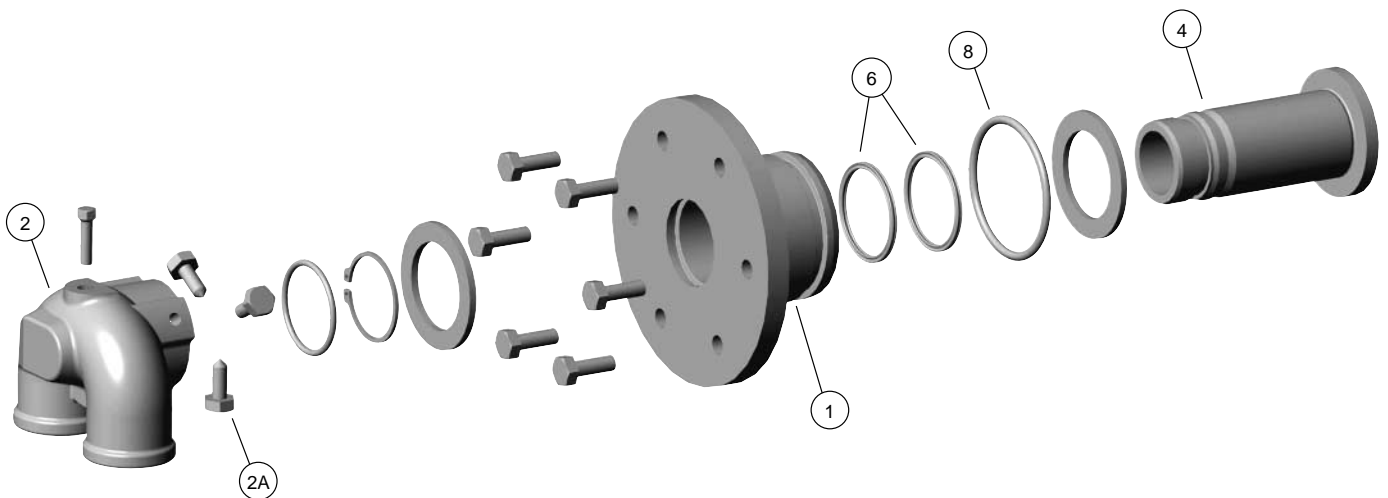


Installation Instructions for Type C-Cast Joints



Type CJID

NOTE: Please follow your company's safety procedures whenever working on Kadant Johnson Rotary Joints and read all of the instructions completely before proceeding. Please refer to the assembly drawings supplied with your Kadant Johnson Rotary Joint for part identification. If you have any further questions, please contact your Representative or Kadant Johnson.

The C-Cast rotary joint is a simple piece of equipment consisting of three moving parts intended to transfer cooling water to and from your continuous caster rolls. By following the installation instructions you should realize maximum service life from your Kadant Johnson joint.

The joint is shipped assembled and tested prior to leaving the factory. We suggest that you only remove the head casting (2) if you find it difficult to attach the flexible hose. To remove the head, loosen the three hex head cap screws (2A).

For dual flow joints note the inlet and outlet connections are marked with arrows.

STEP 1.

Clean the end of the roll journal and its I.D. This is where the o-ring seals once the joint is installed.

STEP 2.

Coat o-ring (8) and the journal I.D. with the silicone lube supplied by Kadant Johnson.

STEP 3.

Insert the joint into the journal carefully and straight so as not to damage the o-ring. If this is a dual flow joint, be sure the center pipe engages in the roll's recess.

STEP 4.

Lubricate the fasteners and attach the body flange to the roll.

STEP 5.

If head (2) was removed, you can now slide the head over the joint nipple being careful not to damage the o-ring in the head. Be sure that the three cap screws (2A) line up with and set into the dimples in the nipple. Use a thread locker on these three screws.

STEP 6.

The flexible piping should not be stretched or compressed. It should be installed in a relaxed position.

STEP 7.

Under no circumstances should nipple (4) be removed from body (1) as you may damage the Quad Seals* (6) during reinstallation.

Repair kits are available for these joints through your local Kadant Johnson representative or the factory. If you should need assistance, consult a Kadant Johnson area representative or Kadant Johnson Inc.

Dimensions are for reference only and subject to change. Certified drawings are available on request. Please refer to Kadant Johnson Drawing Number A37640 for torque specifications.

*Registered Trademark of Minnesota Rubber Co.

The Kadant Johnson Warranty

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 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.

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