



Installation Manual Dismantling Joints

Couple with Confidence



Installation Manuals - Dismantling Joints



Installation, Storage, Safety & Trouble Shooting Instructions

INSTALLATION

1. Position the spigot inside the flange adaptor until the front edge of the spigot is flush with the face of the flange adaptor.
2. Position the dismantling joint between the two flanges. Withdraw the spigot until all the free play is taken up, ensuring that the maximum flange to flange dimension is not exceeded.
3. Assemble flange connecting bolts.
4. Insert the tie rods from one side in their appropriate positions. The nuts and washers shall be threaded back onto the tie rod in sequence as they are installed.
5. Tighten the tie rods and flange connecting bolts to the Klamflex recommended torque, the tie rods and bolts must be tightened in pairs at diametrically opposite positions in a circular sequence. Bolt up evenly giving nuts one or two turns at a time to the prescribed torque rating of 65 – 80Nm (Up to 300NB) 80 - 120Nm (Over 300NB).
6. Tighten flange adaptor studs evenly. To assure correct end-ring seating and gasket compression, the studs must be tightened in pairs at diametrically opposite positions in a circular sequence. Bolt up evenly giving nuts one or two turns at a time to the prescribed torque rating of 65 – 80Nm (Up to 300NB) 80 - 120Nm (Over 300NB).
7. After pressure testing the line and before backfilling Klamflex recommends that the bolt torques are checked again as some pipe movement may have occurred during the pressurisation and depressurisation process.
8. Should a gasket need to be renewed and it is not possible to remove the Klamflex Flange Adaptor from the pipe, cut a length of the correct profile gasket extrusion (available from Klamflex) to about 5mm longer than the pipe circumference. Wrap the gasket around the pipe and glue the ends together using quickset super glue (Cyanoacrylate).
9. Keep the joint at the top of the pipe and re-assemble the coupling as normal.
10. Do not forget to lubricate the gasket.

STORAGE

- Store in a cool dark place and where possible below 65 degrees Celsius.
- Store away from direct sunlight, electrical discharges and sparking electric motors.
- Always store sealing rings in an unstressed condition, never hang even for a short time.

TROUBLE SHOOTING

- ❗ Check if the fitting is correct for the application – if not, replace with correct fitting.
- ❗ Check if gasket is uniformly compressed and end ring evenly tightened - if not the bolts must be loosened and re-tightened as specified in the installation instructions. In some cases, the fitting might have to be strapped or restrained as excessive movement could also dislodge the gasket.
- ❗ Check bolt torques - if not to specified torque, retighten and torque to installation specifications. Ensure that the pipeline is depressurised prior to retightening.
- ❗ Check if rubber was correctly installed - if not replace rubber seal and follow installation instructions.
- ❗ Check setting gaps if possible - if incorrect, reinstall using correct setting gaps.
- ❗ Check if lubrication has been used on rubber seal - if not strip fitting and apply lubricant to the outside of the rubber and reinstall as per installation instructions.

DON'T

- ❗ Do not over torque bolts
- ❗ Do not modify or alter any components on the flange adaptor.
- ❗ Do not exceed design nor test pressure.
- ❗ Do not over stretch sealing rubbers, nor expose to open flames.

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