Belman



HEATCOMP
INSTALLATION INSTRUCTION

Generally it is recommended that this installation instruction is used together with Belman's installation instruction of steel expansion joints.

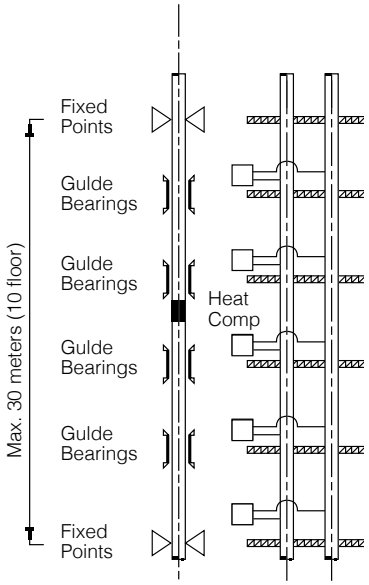
PRIOR TO INSTALLATION

- Check that the pipe is prepared for installation.
- Check that the length of HeatComp comply with the envisaged installation gap.
- Visual inspection of the bellow to ensure that it is not damaged and can move as intended.
- It is very important that HeatComp is not exposed to higher temperatures, higher pressure and larger movements than designed for. This will significantly ravage the performance and service life of HeatComp.
- It is very important to install anchors and guides. For instructions about arrangement of these please refer to Belman's installation instruction for steel expansion joints and likewise please refer to the drawing. This drawing illustrates how HeatComp should be arranged in the pipeline in proportion to anchors etc.

INSTALLATION

With a torque wrench

- Put-in HeatComp.
- Use a torque wrench for installation.
- In one end of HeatComp an union can be inserted as this can ease the installation. Torsion should be avoided.
- It is important not to force-rotate HeatComp for alignment with the adjacent pipe. HeatComp does not resist torsion.
- 24 hours after start-up the screw threads are re-tightened.



INSTALLATION

With welding

- The parts placed where HeatComp is to be installed are removed.
- One end of HeatComp, at a time, is welded onto the pipe. The expansion joint does not resist torsion, and for that reason do not force-rotate it for alignment with the adjacent pipe.
- The bellow must be protected against welding splatter as this damage the bellow. Eventhough the casing protects the bellow, care must still be taken towards Heat Comp and the bellow.

AFTER INSTALLATION

- Avoid exceeding a test pressure of more than 1/3 times the rated working pressure.
- It is important to check that the installation length of HeatComp is exactly the same at completed installation as when delivered. If this length is not the same HeatComp cannot absorb the movements it is designed for.

It is important that HeatComp is not exposed to torsion during installation, as it does not resist torsion.

In case of questions or requirements for clarification of the installation instruction please do not hesitate to contact us!