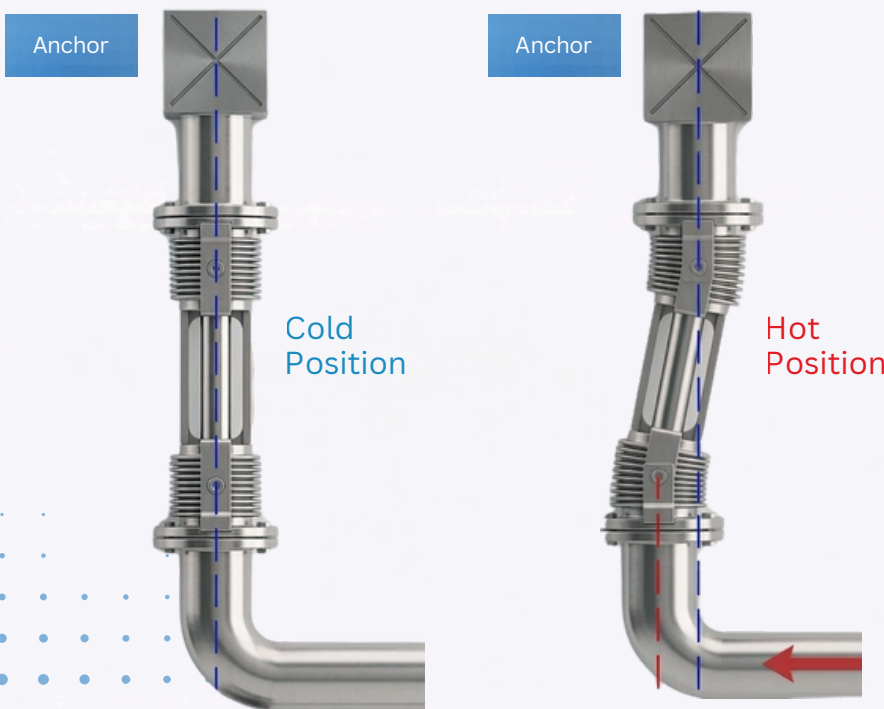


DHEB – Double Hinged Expansion Bellows

INSTALLATION INSTRUCTIONS

- Verify the Aflex serial number plate is securely attached, legible, and accessible. Do not remove it, removal voids the warranty. The serial number links to materials, weld procedures, welders, and [MDR records](#).
- Inspect the expansion joint (bellows, hardware, shipping bars) for damage. Transit damage may affect joint length—report immediately. Do not attempt repairs without manufacturer approval (voids warranty).
- Do not remove shipping bars before installation. If they cause issues, contact Aflex. Welded/pipe-end bellows typically have no shipping bars; pipe-end units are packed to prevent length changes.
- Ensure the pipe gap matches the joint size and alignment (unless otherwise specified in the datasheet).
- Use lifting lugs or lift from hardware only. Do not lift from the bellows or shipping bars.
- Align the hinges as shown in the image below. The hinges must allow the assembly to offset laterally, as shown.
- Install flow-lined joints in the correct direction (as indicated on shipping bar stickers).
- Ensure mating flanges are correctly aligned. Torsion stress causes premature failure and is not covered by warranty.
- After installation (bolting or welding), remove shipping bars before hydrotesting or pressurisation.
- Do not exceed the design pressure listed on the datasheet.
- Aflex does not provide flange bolting torque values, refer to the relevant flange standard.
- For any issues or questions during installation, [contact us](#) Aflex immediately.



Aflex Double Hinged Expansion Bellows utilise two Hinged Expansion Bellows welded to a middle section of pipe, all in the one assembly.

DHEB allows for large amounts of lateral movement in one plane, to compensate for thermal expansion of the pipeline. The hinges span the entire length of the expansion joint and are designed to contain the pressure thrust and can also be designed to support externally applied forces, such as the weight of piping and equipment.

