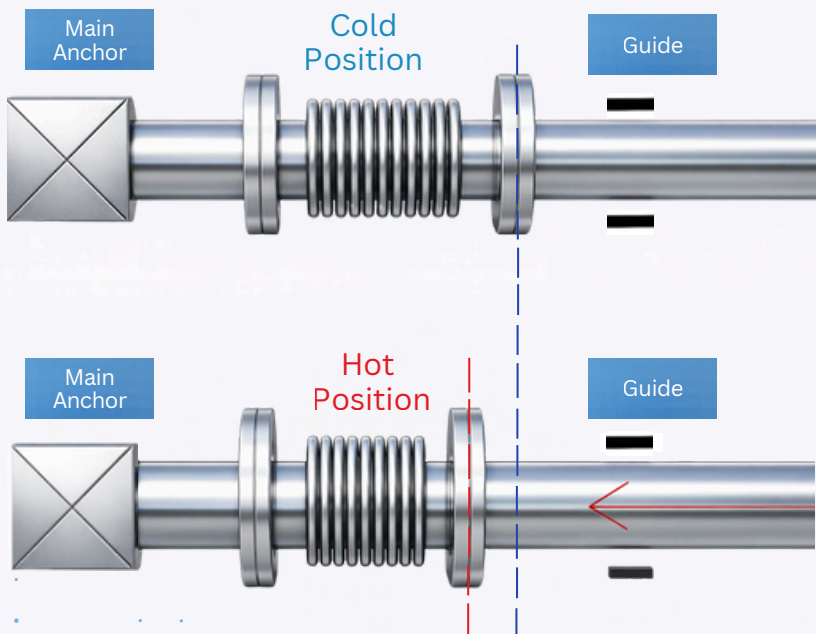


# SEB- Single Expansion Bellows

## 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
- 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, they are not designed to restrain [Pressure Thrust](#)
- 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.



An Aflex Single Expansion Bellows (SEB) allows axial, lateral, angular, and combined movement. As an unrestrained design, it transmits pressure thrust to the pipeline, which must be properly managed.

In low-pressure systems, the pipe may absorb this thrust, but in moderate to high-pressure applications, anchors and guides are essential to prevent damage. Proper alignment and anchoring are critical. If adequate restraint cannot be provided, a pressure-balanced bellows type may be required. For design guidance, consult a pipeline specialist or the EJMA standards.