

Installation Manual for the Stainless Expansion Joint

Z-23000



Installation Procedure

1. Before installation

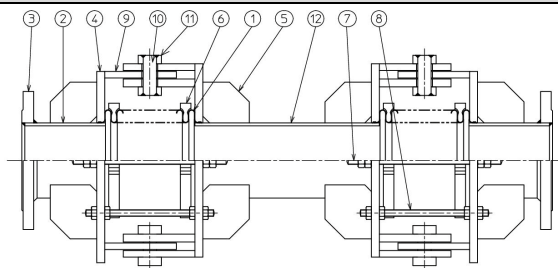
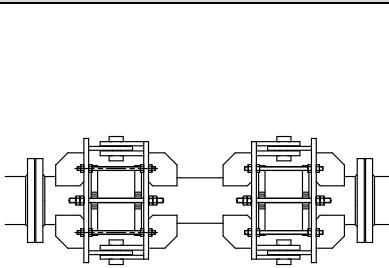


Table1 Parts List

No.	Name	Material
1	Bellows	Stainless steel 304
2	Pipe	Carbon steel
3	Flange	Carbon steel
4	Guide ring	Carbon steel
5	Reinforcing rib	Carbon steel
6	Control ring	Carbon steel
7	Tie-rod bolt	Carbon steel
8	Set bolt	Carbon steel
9	Arm	Carbon steel
10	Pin	Carbon steel
11	Washer	Carbon steel
12	Connecting pipe	Carbon steel

- Please confirm whether the diameter is correct.
- Please confirm whether there is any damage of sealing surface.

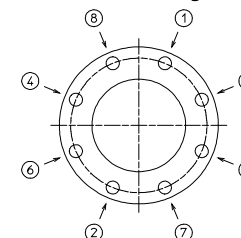
2. Installation



- ① Please install between the piping flanges not to move the gasket from the sealing surface and not to damage the sealing surface.
- ② This product has restrictions on the bending direction, so please be careful the direction when installing it.

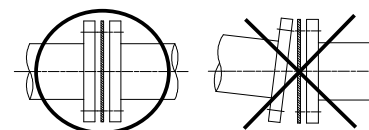
3. Tightening of the bolts

The order of bolt tightening.

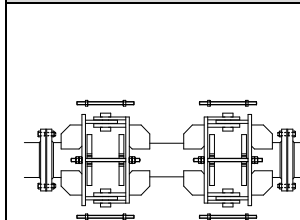


- ① Please tighten the bolts diagonally and equally.
- ② Please tighten the opposite side of flange with same way.
- ③ When you use the bolt and nut made of stainless steel, please apply lubrication.

! Please confirm the flange face is parallel before tightening.



4. Removing of the set bolts

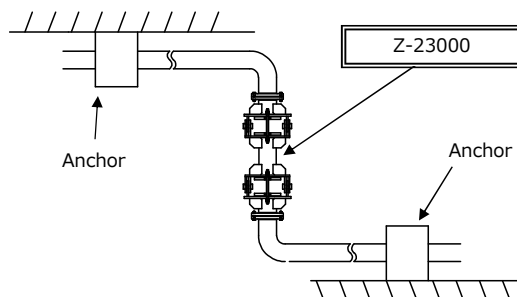


After tightening bolts for flange, please remove the set bolt.

※ The expansion joint will not function properly if the set bolt remains in the product.

※ Do not remove the tie rod bolts.

Completion



- Please install the expansion joint so that the piping weight does not affect to the product.
- Please prepare the guide so that the piping does not swing sideways.

NOTES

- Please carry out the welding work of the piping before installing the product. If you have to carry out the welding work after installing the product, take ground the welding electricity, also put a protective cover around the product so that the welding current does not flow into the piping system.
- When installing, please confirm the installation dimensions on the delivery drawings.
- Insert the mounting bolts from the product side toward the piping side, and tighten them evenly on the diagonal lines to avoid one-sided tightening.
- Set bolts should be removed after installation is complete.
- Please be careful not to scratch the seal surface during installation.
- Do not remove the tie rod bolts.