

Installation Manual for the Flexible Joint (Flange Connection)

ZC-1000



Installation Procedure

1. Before installation

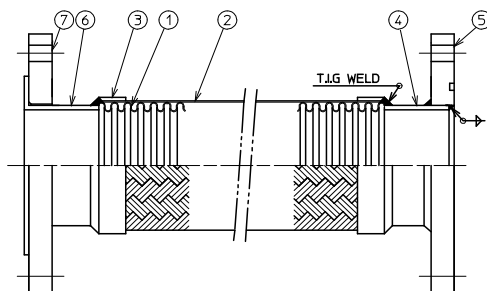


Table1 Parts List

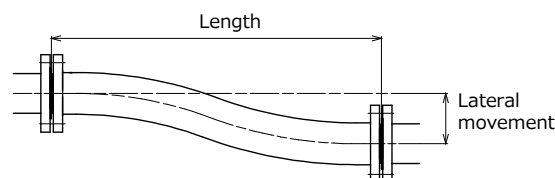
No.	Name	Material
1	Bellows	Stainless steel 304
2	Braid	Stainless steel 304
3	Braid cover	Stainless steel 304
4	Pipe	Stainless steel 304
5	Flange (VG)	Stainless steel 304
6	Lap joint	Stainless steel 304
7	Flange (VF)	Stainless steel 304

Please confirm the following items before installation.

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

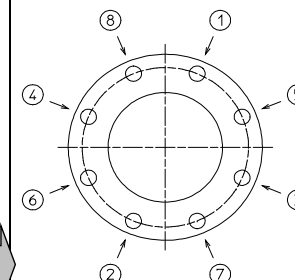
2. Installation

- ① Set the gasket so that it does not shift from the groove.
- ② Insert the bolts from the product side toward the piping side.
- ③ Confirm that the actual piping displacement is within the allowable displacement.



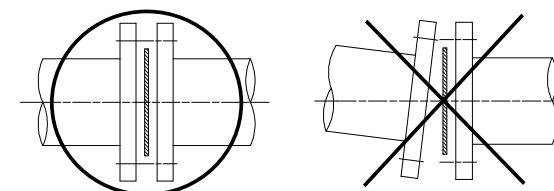
3. Tightening of the bolts

The order of bolt tightening.

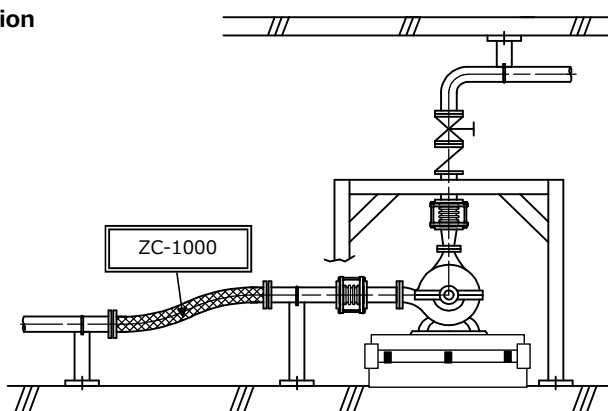


- ① Please tighten the bolts diagonally and equally.
- ② Please tighten the opposite side of flange with same way.
- ③ When you use the bolt and nut made of stainless steel, please apply lubrication.

⚠ Please confirm whether the flange face is parallel before tightening.



Completion



NOTES

- Where the water hammer generate in the piping system, the flexible joint might be damaged. Please do appropriate impact prevention measures. Moreover, the use of Z-3000 composed of the tube for the vibrational absorption is recommended.
- Please carry out the welding work of the piping before the attachment of our product. If you have to carry out the welding work after attaching the piping, please earth the welding properly, also put a protective cover around our product so that the welding current does not flow into the piping system.
- Please select the pipe size not to exceed 3m/s of flow velocity. (inside diameter base)
- In case of corrosive fluid for stainless steel, ZTF series products (fluoro-resin bellows) are recommended