

Installation Manual for the Anti-Vibration Rubber Joint

ZRJ-HD



Installation Procedure

1. Before installation

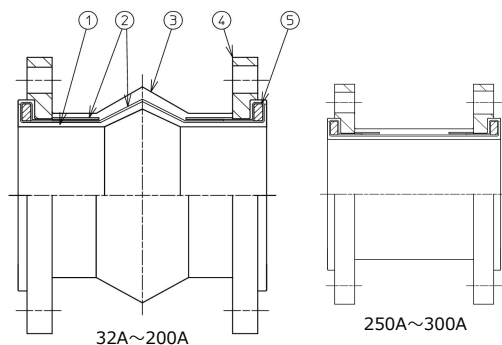


Table1 Parts List

No.	Name	Material
1	Inner Layer Rubber	Synthetic rubber
2	Reinforcement fiber	Nylon cord
3	Outer Layer Rubber	Synthetic rubber
4	Flange	Carbon steel Stainless steel 304
5	Solid Ring	Carbon steel

- Please confirm whether the diameter is correct.
- Please confirm whether there is any damage of sealing surface.
- Please confirm whether there is any damage of inside and outside of rubber.

2. Installation

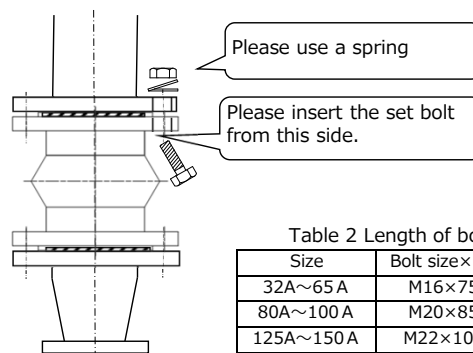


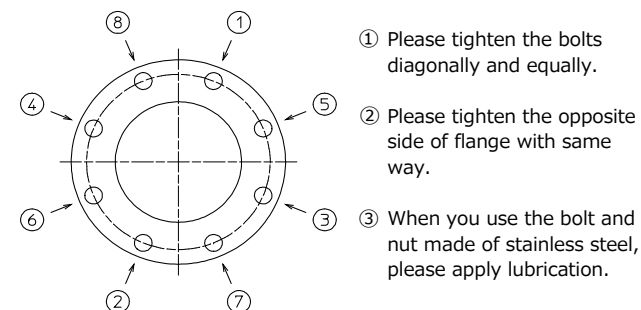
Table 2 Length of bolt

Size	Bolt size×Length
32A~65 A	M16×75mm
80A~100 A	M20×85mm
125A~150 A	M22×100mm
200 A	M22×120mm
250A~300 A	M24×130mm

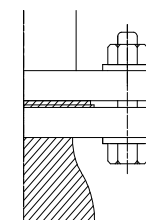
- ① Before installation, please wipe off the dust of the piping side flange and a rubber body seal side with a rag etc., check that there are no foreign substances, and set the product between the piping flanges.
- ② Please insert the set bolt toward the piping side from the product side. Moreover, in order to prevent the loosening of the nut, please use a spring washer.

3. Tightening of the bolts

The order of bolt tightening.



Please refer to the tightening torque values in Table 3.

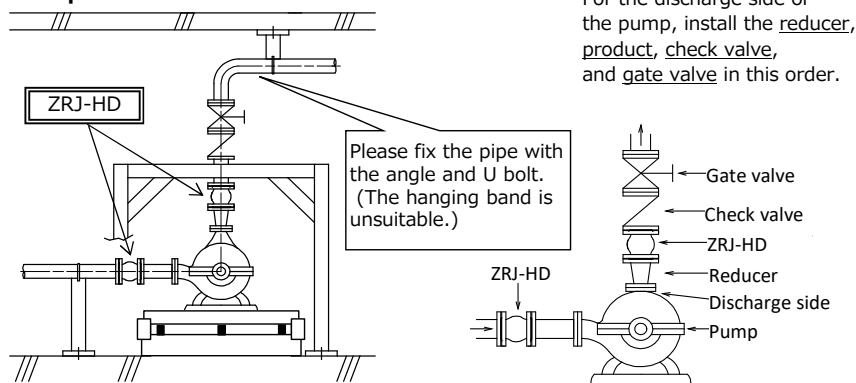


⚠ Please confirm whether the flange face is parallel before tightening.

Table3 Tightening torque

Size	Torque
32A~80A	50N · m
100A~125A	60N · m
150A~200A	70N · m
250A~300 A	80N · m

Completion



NOTES

- Cannot be used for hot water supply.
Please use A · V · JOINT、ZTF-5000、ZRJ-BT
- Cannot be used for circulating water in swimming pools.
Please use ZTF-5000 or ZRJ-BT.
- Insert mounting bolt from product side and tighten bolts evenly in diagonal line order.
- The service life of rubber fittings may be reduced depending on the conditions of use.
For details, please refer to the precautions in the catalog.
- When used in outdoor piping, take measures such as hanging a cover to prevent deterioration of the rubber due to ultraviolet rays.
- Please carry out the welding work of the piping before installing the flexible joint. If you have to carry out the welding work after installing the flexible joint, take ground the welding electricity, also put a protective cover around the flexible joint so that the welding current does not flow into the piping system.
- In environments exposed to high concentrations of ozone, cracks may occur on the surface due to ozone degradation.
In such cases, please use stainless steel products instead of rubber products.