

1. Product

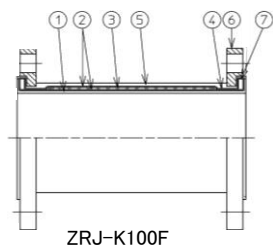


Table1 Parts List

No.	Parts name	material
1	Inner layer rubber	Synthetic rubber
2	Inner reinforcement fiber	Synthetic fiber
3	Reinforcement wire	Steel wire
4	Outer reinforcement fiber	Synthetic fiber
5	Outer Layer Rubber	Synthetic rubber
6	Flange	Carbon steel
7	Solid ring	Carbon steel

※. Hot dip galvanizing is applied for carbon steel flange.

- Please confirm the diameter is correct.
- Please confirm there is no damage of sealing surface.
- Please confirm there is no damage of both inside and outside of rubber.

2. Installation

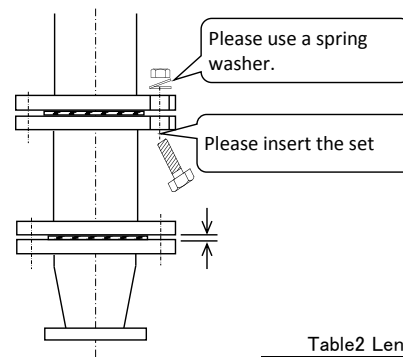


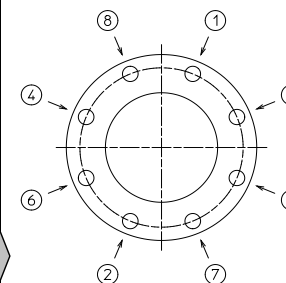
Table2 Length of bolt

Diameter	Bolt Diameter x Length
20A	M12x50mm
25A~40A	M16x55mm
50A~100A	M16x65mm
125A~200A	M20x75mm
250A~300A	M22x90mm

- 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.



- 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 paste lubrication on it.

Please refer to the value of Table 3 for the tightening torque that becomes the standard of tightening.

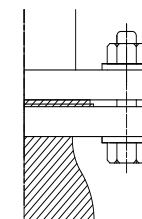
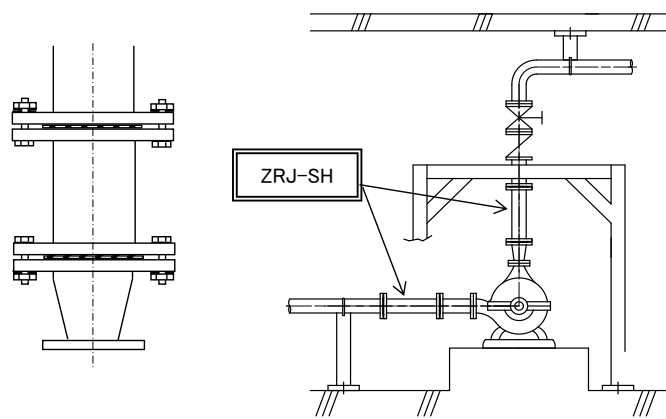


Table3 Tightening torque

Size	Tightening torque
20A	25N·m
25A~40A	30N·m
50A~100A	30N·m
125A~200A	40N·m
250A~300A	45N·m

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

Completion



⚠ NOTES

- 1) This product is not designed for absorb the axial movement but vibrations.
- 2) The piping system might resonate when the fixation of piping is insufficient. Please do the fixation near A·V·JOINT.
- 3) 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.

6) On the discharge side must be attached in this order reducer, ZRJ-SH, non return valve, and stop valve.

