

# Correct Installation, handling and storage of Butterfly Valves



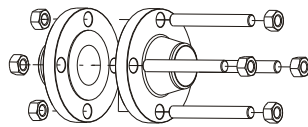
## Installation

1) Remove the valve of the packing.

2) Close partially the disc of the valve to place it between the valve's Face to Face. The procedure aims to protect the edge of the disc and reduce the interference of the elastomer during the installation/start up and the inicial torque.

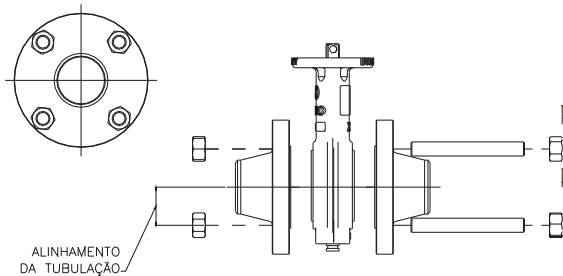
3) Do not use gasket for the installation of valves with elastomer seats and others that coats totally the body.

4) Verify if the flanges are lined up and separated enough to place the valve without any interference.



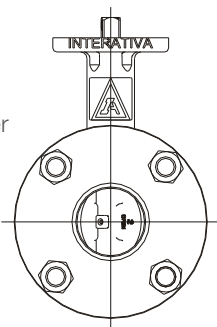
5) First install the inferior screws or studs. Place the valve between the flanges as so that might be contained in the flanges/screws lodging.

6) Line up correctly the valve in the pipe and install the others screws of the flange. Press all screws in uniform and alternative way until the contact between the valve and the face of flanges.



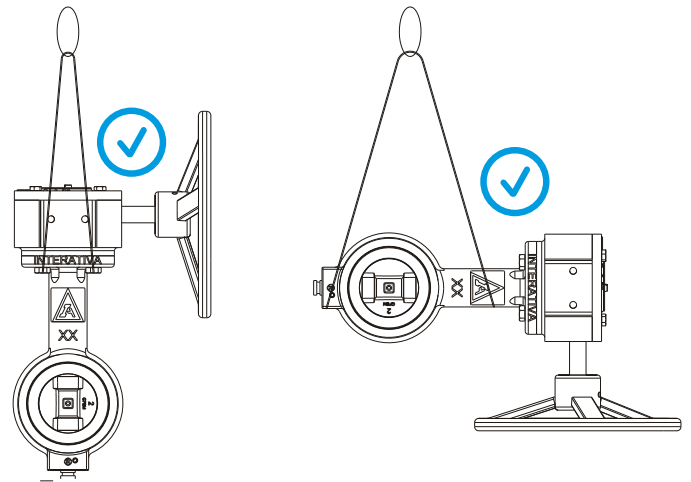
7) Open and close completely the valve to check out if occurs some interference between the disc and the internal diameter of the pipe.

If it happens, should be done corrections on the pipe alignment.



## Handling

Never raise up the valve by the lever, actuator or the wheel of the reducer. Do it as the examples below, instead. Avoid strokes and falls.



## Storage

The valve must be protected of the climatic variations and should be stored in a closed and dry place, preferentially in the original packing and correctly identified.



### Important:

- > Do not use gasket for installation in valves with seats in elastomer or others that coats totally the body;
- > About assembly and maintenance information, consult our Maintenance Guide;
- > For more information: [carlos.ramos@imi-critical.com](mailto:carlos.ramos@imi-critical.com)