

Installation of Flanged Butterfly valve

1. Prior to installation a care should be taken is to ensure that both the pipe flanges and the valve flange faces are free from foreign material.
2. Ensure that the mating flanges are parallel and in line with each other.
3. Check that the valve is in the fully closed position.

CAUTION

Rotating the disc past either the open or closed position could result in damage to the seal, disc or sealing surfaces. With the exception of the certain valves specified, all valves are supplied clockwise to close.

4. Ensure that the flanges are spread far enough apart to allow insertion of the valve and its gaskets.
5. Whilst supporting the valve, (for valve sizes 16" and smaller) install two flange bolts through both flanges and slightly tighten the bolts and nuts. The valve may be rested against these two bolts while the flange gaskets, and the remainder of the flange bolts, are fitted. (For valve sizes 18" and up) install at least 4 flange bolts through both flanges and slightly tighten the bolts and nuts. And keep valve supporting with a crane or hoist until the valve is fitted.
6. Hand tighten the flange bolts using a diametrically opposed sequence.
7. Open the valve slowly to ensure that the disc clears the mating pipework.
8. Fully tighten the flange bolts evenly and re-check for correct operation.

WARNING

The butterfly valve is not necessarily earthed when installed in the pipeline. If the valve is on a flammable or hazardous duty an explosion could result from a static discharge from the valve components.

To avoid this situation make sure the valve body is earthed to the pipeline.