



# ZIGGIOTTO

## **BUTTERFLY VALVE LUG AND WAFER TYPE STORAGE, INSTALLATION, USE AND MAINTENANCE INSTRUCTIONS**

### **STORAGE**

- Valves must be stocked, either in warehouse or already instead on pipe, with disc in half-closed position to avoid damages to liner.

### **INSTALLATION: GENERAL INSTRUCTIONS**

- Check before fitting that the valves are suitable for being installed with the pipe flanges.
- Immediately prior to valve installation, the pipework to which the valve is to be fastened should be checked for cleanliness and freedom from debris
- No gasket is to be installed between the flanges.

### **FITTING ON EXISTING PIPEWORK**

- Check that the valve can be fitted between the flanges without difficulty.
- Whenever necessary separate the flanges with a suitable tool.
- Position the valve between the flanges centre the valve body and put in all the bolts.
- Completely a manoeuvre of opening and closing valve.
- Keep the valve well aligned with the flanges in removing the flange separator tool and block the nuts by hands.
- Carefully close the valve and check that the butterfly rotate freely.
- Completely reopen the butterfly in completely blocking the nuts.

### **FITTING ON NEW PIPE WORKS**

- The butterfly must be in a practically closed position. Put the two flanges on the body with a few bolts. Close the valve between the flanges.
- Install everything on the pipework.
- Fix the flanges to the pipework with a few welding spots.
- Undo the nuts and remove the valve from the flanges.
- Complete the welding of the flanges and allow cooling completely.
- Refit the valve as described above in the section "fitting on existing pipework"

### **USE AND MAINTENANCE**

- Do not operate any maintenance with piping system under pressure.
- Do not overstress the assembled valve with additional weight.
- Do not hit or strike the valve
- Open/close slowly to avoid hammer shock