

Operating Instruction

Butterfly Valves K4 PVC-U, PP, PVDF und PVC-C

1. Installation instruction

Flange connection

1. Slide flange on pipe
2. Mount flange socket onto pipe (weld or solvent)
3. Insert Butterfly valve with premounted flanges into pipeline
4. Connect flanges with proper bolts (make sure that flange gasket sits in proper location)

Note:

In order to release the Butterfly valve from overlapping stresses and not to apply operating forces to the pipeline it is recommended to mount pipe right next to the valve onto the wall.

Furthermore Butterfly valves and pipes should be aligning.

Only approved welder are allowed to perform plastic welding in accordance to DVS guidelines 2207 Part 11 for PP.

Pipe installations have to be performed in accordance with DVS 2210 Part 1.

2. Operation

The valves are factory tested for leakage .

A pressure test due to pressure equipment directive has to be performed before start up and documented.

The test pressure will be calculated with the lowest nominal pressure by pressure testing device.

After the pressure check of the whole piping-system, you have to redraw all union nuts in unpressurized system.

Please follow the operating instruction of the manufacturer during putting the actuator into service. The initial operation has to be done by a qualified expert.

3. Current use

The rated published pressure and temperature limits have to be obeyed – for details visit our website (www.praherplastics.com). Pressure and temperature relate to media which PVC, PP and PVDF are inert. In case of uncertainty please look it up in a chemical resistance list..

The Butterfly valve is not suited for media with solids. Additionally the Butterfly valve is neither tested nor approved for usage in gas systems.

4. Service

- Use only Silicone or Polyclycol based lubricants for EPDM
- Change gaskets in case of leakages

5. Dismantling instruction

Caution: Do not dismantle pressurized system

Flange connection

1. Drain pipeline
2. Loosen flange bolts
3. Take valve out of system and do not misplace gaskets

6. Caution

- Do not loosen bolts or screws in a pressurized system
- Drain system before dismantling
- Never put the actuator in service when the valve isn't installed.