

## Operating Instruction

Aerating Valve S4 PP

### 1. Installation instruction

1. Flange connection
  1. Slide flange on pipe
  2. Mount flange socket onto pipe (weld)
  3. Insert Aerating valve with flanges into pipeline (**caution:** an arrow on valve body shows the aeration direction)
  4. Connect flanges with proper bolts (make sure that flange gasket sits in proper location)
2. Thread, Fusion socket
  1. Dismantle union nuts and slide them on pipe
  2. Mount sockets on pipe (weld, screw)
  3. Insert Aerating valve between premounted sockets (**caution:** an arrow on valve body shows the aeration direction)
  4. **Hand tighten** union nuts (make sure that o-rings are in proper location)

#### Note

In order to release the Aerating 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 (fix-point-mounting, for example with our Valve brackets S4).

Furthermore the Aerating valve and pipes should be aligning.

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

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

### 2. Operation

The valves are factory tested for leakage according to DIN 3230 leak rate 1.

A pressure test to DGR 97/23/EG 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.

### 3. Current use

The related and published pressure and temperature limits have to be obeyed-see our technical catalogue or visit our website ([www.praher.com](http://www.praher.com))

Pressure and temperatures relate to media which PP are inert to (see chemical resistance list).

### 4. Service

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

### 5. Dismantling instruction

**Caution:** Do not dismantle pressurized system.

- a) Flange connection
  1. Drain pipeline
  2. Loosen flange bolts
  3. Take valve out of system and do not misplace gaskets

- b) Thread, Fusion socket
1. Drain pipeline
  2. Loosen union nuts
  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

## 7. Declaration of Conformity

acc. to Annex VII of the Directive 97/23/EG

We, the

Praher Plastics Austria GmbH  
Poneggenstraße 5  
A-4311 Schwertberg / Austria

declare, that the product

PP Aerating valve S4  
DN32 / d40 – DN80 / d110  
EPDM-FPM

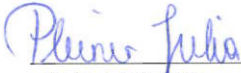
to which this declaration is referring, is in conformity with the directive 97/23/EG and has been tested according to the following procedure of conformity assessment: Category II Module A1

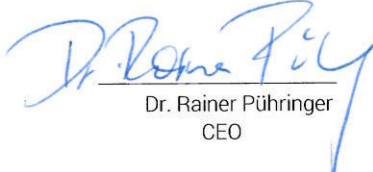
There exists an EC declaration of conformity for pressure equipment. The Directive 97/23/EG doesn't allow a conformity for dimensions <DN32.

The third party inspection is carried out by the TÜV SÜD Industrie Service GmbH, designated institute according to identification number 0036.

We make the advise that each self-contained change, through which the technical data are changed, excuses the Praher Plastics Austria GmbH from this declaration

Schwertberg, 20.02.2015:

  
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