

Operating Instruction

Aerating Valve S4 PP

1. Installation instruction

1. Flange connection

1. Slide flange on pipe
2. Mount flange socket onto pipe (cement)
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, Slip socket

1. Dismantle union nuts and slide them on pipe
2. Mount sockets on pipe (screw or cement)
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 Aerating valve from overlapping stresses 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 Aerating valve and pipes should be aligning.

Solvent cement according to DVS guidelines DVS 2204 Part 5 for PVC.

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

2. Operation

The valves a 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.

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

3. Current use

The rated and published pressure and temperature limits have to be obeyed - see our technical catalogue or visit our website (www.praher.com)

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

4. Service

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

5. Dismantling instruction

Caution: Do not dismantle pressurized system

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

2. Thread, Solvent 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 pressurized system
- Drain systems 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

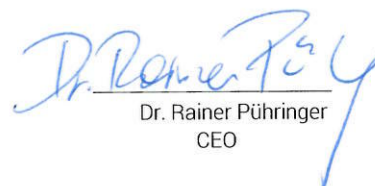
PVC Aerating valve S4
DN32 / d40 – DN80 / d110
EPDM-FPM

in which the declaration relates to, with the guideline 97/23/EG for which this declaration is in conformance with: Category I Module A
There exists an EC declaration of conformity for pressure equipment. The Directive 97/23/EG doesn't allow a conformity for dimensions <DN32.

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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