PSI COMPAKT SOLUTION®
STANDARD / WC (WATER CHAMBER)

- PRESSURE TIGHT WALL PENETRATION SYSTEM
- DESIGNED FOR DRINKING WATER TANKS
- INTEGRATED SHEAR-PROTECTION

WWW.PSI-PRODUCTS.COM
WALL PENETRATION SYSTEM
COMPAKT SOLUTION® STANDARD / WC (WATER CHAMBER)

APPLICATION

COMPAKT SOLUTION STANDARD
Media carrying pressure tight wall penetration system especially designed for drinking water tanks.

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COMPAKT SOLUTION WC (WATERCHAMBER)
Media carrying pressure tight wall penetration system especially designed for drinking water tanks.
Suitable for single and double walls.

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More content can be found on www.psi-products.com
ADVANTAGES

- Pressure tight up to 5 bar
- Sealing rubber 3x40 mm
- Sealing for potable water tanks, tested according to W270 and UBA-Elastomer Transition control
- By means of the fixture plate the forces are transmitted to the masonry. The seal is thus decoupled and a movement of it is therefore impossible
- A movement of the seal is thus excluded and at the same time the core drilled hole is faced.
- Tensile strength connection (respectively integrated shear protection of the wall duct)!
- Adjustable sealing element. The re-tightening outside the water chamber is possibly at any time.

Additional for this Type WC:
- Flush finish inside the water chamber. No creation of dead space, thus microbacterially uncritical. Subsequent tightening of the seal from outside the water chamber is possible at any time
- Due to integrated centering bolts a concentric installation is ensured.
- A complex core hole coating can be omitted.

Optional: Stub end and split loose flange available

TECHNICAL DATA

- Material S304 (V2A) or S316 (V4A)
  or on request ISO Pipe Series 1
- Diameters from ND 65 to ND 500
- Pressure classes from PN 6/10 to PN 10/16
- Flange connection of the wall duct as required
- Elastomer EPDM
- Pressure tight up to 5 bar

The values specified for the pressure tightness are valid at 23 °C.
For different, in particular higher permanent operating temperatures, it might be necessary to fit an ejection safety device.
SELECTION QUESTIONNAIRE

1) Use as a building wall penetration: Model Compakt Solution Standard
Use in a water chamber: Model Compakt Solution WC (Water Chamber)

Model

2) Material: S304 (V2A) or S316 (V4A) Selection:

3) Inner diameter core drilling / wall collar: mm

4) Nominal diameter: ND Size

5) Pressure rate: PN

6) Operating pressure: bar

7) Wall thickness: mm

8) Component length
(min. Wall thickness + 2x stick out according to customer mm): mm

Recommended stick out (Measure B / C):
- up to including ND 150: min. 150 mm
- up to including ND 300: min. 250 mm
- up to including ND 500 min. 300 mm

9) Concrete grade:

10) Occuring forces (tensile force expected on the system):

11) Flange type: raised face flange, slip-on flange, split loose flange, etc.:

   Inside / Machine Room

   Outside / Water Chamber