



WATER METER CHAMBER BODY

DN 1000, DN 1000/1200

for water meters

TYPES:

- DN 1000
- DN 1000/1200 (with extension)

DIMENSIONS:

basic heights: H-

- 1600mm
- H-1800mm

VALUES

- protection of the fittings and the water meter (water meters) from freezing even in external temperatures reaching -30°C
- protection from the infiltration of rainwater and ground waters thanks to the tight body and cover
- good access to fitting elements – manhole chamber
- possibility of installing several water meters



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STANDARD: AT 2007-02-2237/2



TECHNICAL DESCRIPTION

DN 1000 water meter chamber bodies are made with rotational moulding method, height of 1600 and 1800 mm. Used for the installation of the water meter (water meters) and water fittings at the users' connections that use the water systems.

DN 1000 consists of a polyethylene body with the diameter of 1000 mm with a flat bottom. The bottom is stiffened by properly designed extrusions, which prevents its deformation by ground waters. The body is ribbed to achieve proper rigidity and good anchoring in the ground. The body has vertical flat surfaces used to insert the inlet and outlet pipes with the diameter of \varnothing 32 mm to \varnothing 110 mm (160 mm in the lower part) sealed by inlet gaskets.

In the option marked as 1000/1200 the well has additional expansion chambers in the lower part of the body, which enables using it as the functional counterpart of wells with the diameter of 1200 mm (connection of the inlet pipe with the diameter of DN 200).

The body is closed from above with a sealed cover filled with insulation material. The cover transfers the vertical load up to 15 kN, which enables installing the chamber in green areas and road lanes with permissible load for A class by PN-EN 124. When the loads are higher, it is necessary to use the load distribution ring and a manhole adapted to those loads. The decision on the construction of the chamber on a road lane is made by a designer, road owner or future user.

The well equipment does not include the fittings to install the water meter (water meters) as chamber as inlets and outlets for the pipes. The elements can be additionally made as an option conformable with the customer's requirements.

The well has steps that enable access to the water metre set located 200 - 300 mm above the bottom, therefore the chamber can be used in the air temperature above ground up to -30°C .

DN 1000 water meter chambers with height of 1300, 1500 i 2000 mm are available optionally.

During the construction and operation the well assembly and operation instructions must be followed.

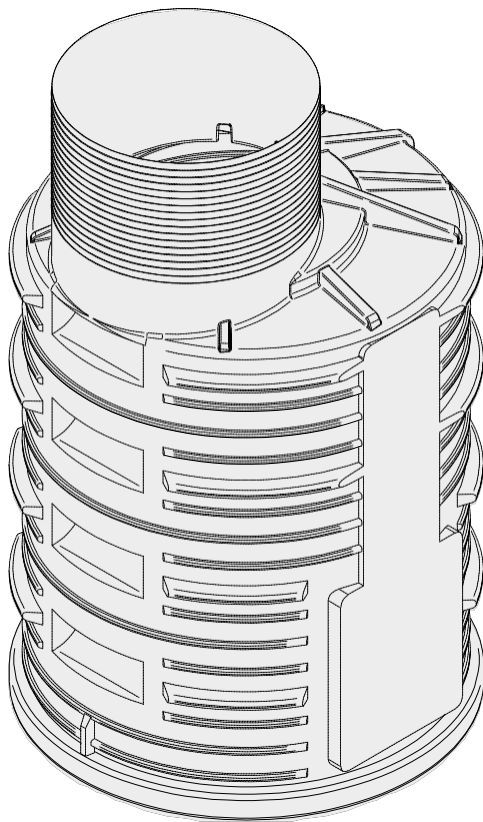


FIG. 1 DN 1000 water meter chamber

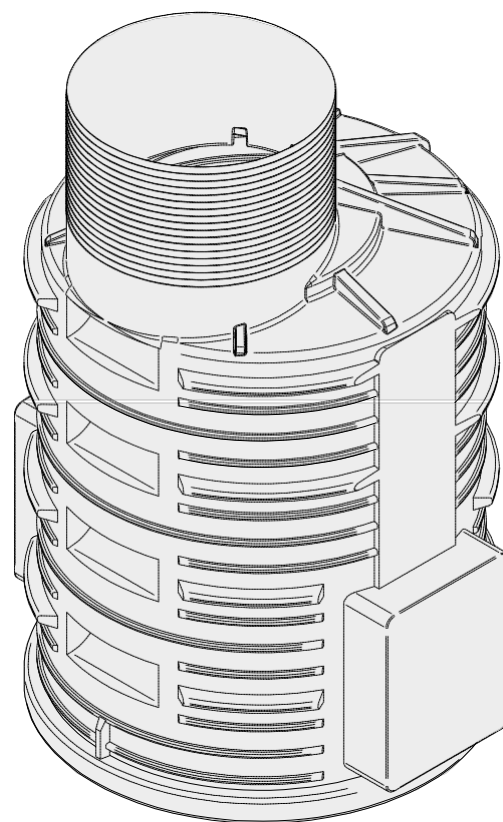
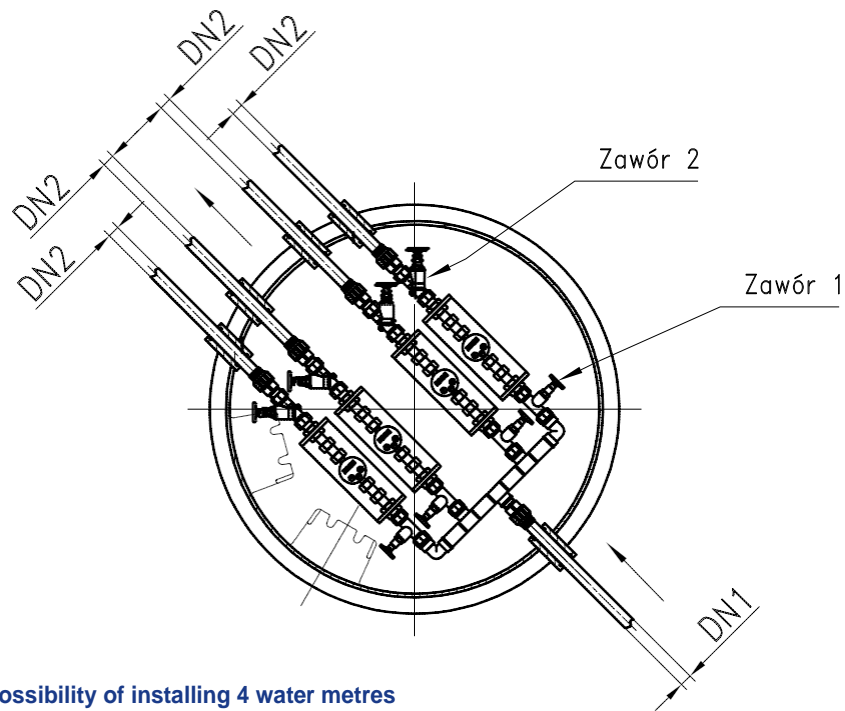


FIG. 2 Water meter chamber DN 1000/1200



Possibility of installing 4 water metres



Half-coupling



PE steps

APPENDICES:

- Instruction EL-59 Assembly instruction for the DN 1000 polyethylene water meter chamber
- Technical approval IBDiM
- Declaration of conformity no. 14
- CSW price list