

INSTRUCTIONS FOR SAFE HANDLING

Name: **THREADED STRAINER**

- EN-GJL-250 (JL1040), GG 25: DN 3/8" – 2", Pmax = 16 bar

Operating conditions shall comply with the Manufacturer's Declaration of Conformity.

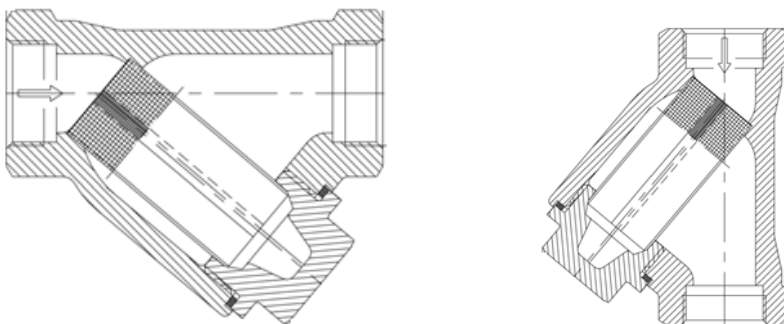
1. PRODUCT INSTALLATION

The correct installation of the strainer is a condition for its smooth operation and functionality. The installation location of the strainer shall provide sufficient space for maintenance work, in particular in the direction of pulling out the screen. Access to the strainer shall be safe and allow safe maintenance work (platform, guard rail, etc.).

The flow direction is indicated by a cast arrow on the body of strainer:



ALLOWED POSITIONS OF THE INSTALLED PRODUCT:



2. MAINTENANCE AND REPAIRS



Before any work on or in the strainer, close the valve in front of and behind the strainer! Ensure pressure release of the strainer. In case of high temperature wait that the system cools down. All maintenance work on the strainer shall only be carried out by a trained and instructed person. The pressure loss at the screen must not exceed 1 bar!

Regular maintenance of the strainer is a condition for its smooth operation and functionality.

a) Inspection of the strainer body for excessive corrosion activity

The person carrying out this inspection shall be qualified and technically competent. In the event that corrosion exceeding a corrosion addition of 1mm is found, the strainer shall be replaced with a new one. It is also recommended to undertake an analysis of the cause of the corrosion (mechanical damage, effects of electrolytes and electrical potentials, etc.). Based on the findings, further preventive inspections of the pressure equipment shall be planned.

b) Cleaning or replacing the screen

The frequency of screen cleaning depends on the operating conditions. In closed circuits, it is 1x to 10x per year. In open circuits, where there is always fresh medium with impurities, the need for cleaning may be several times a day. In this case, we recommend a parallel connection of two strainers in combination with control valves, which allows operation without interruptions during cleaning.

Condition to be ensured: the pressure loss at the sieve must not exceed 1 bar.

Close the flow, empty the pipeline and cool it to room temperature. Unscrew the plug of strainer, remove the plug seal, pull out the cleaning mesh and clean it and replace it if necessary. Before reassembling the cleaning mesh, clean the seat of the mesh in the body and plug of the strainer.

Insert the cleaning mesh into the seat in the body of strainer, install a new plug gasket, and screw it into the body with the prescribed torque:

- strainer 1/2" in 3/4": 50 Nm,
- strainer 1", 5/4", 6/4": 70 Nm,
- strainer 2": 80 Nm.

After finished work open the flow.