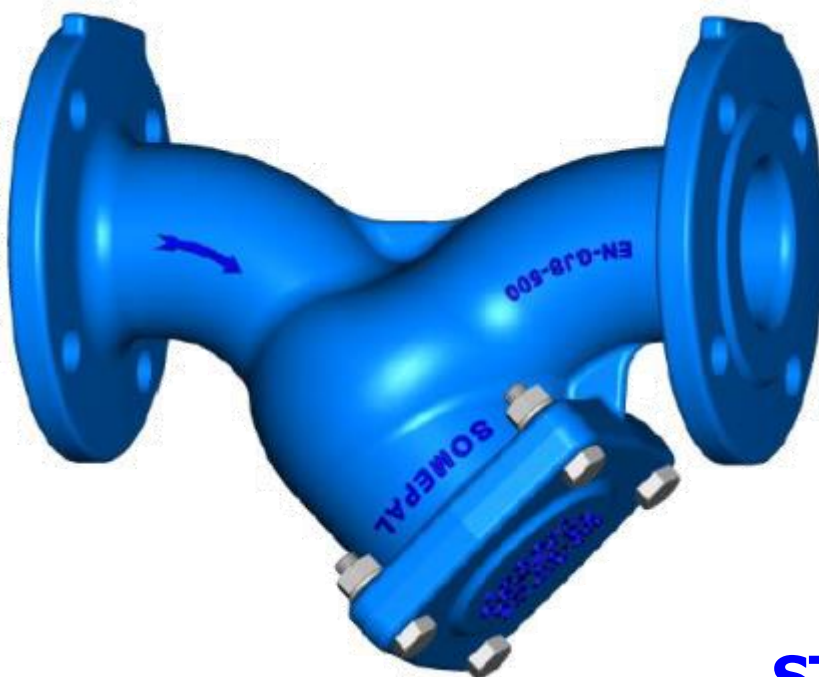




Fucoli Somepal
FUNDIÇÃO DE FERRO, S.A.

DESDE
SINCE 1946

OPERATION MANUAL



STRAINER **"Series PURIFY"**



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- 1. DESCRIPTION**
- 2. POTENTIAL RISK IDENTIFICATION**
- 3. HANDLING**
- 4. MAINTENANCE**

1. DESCRIPTION

The PURIFY Strainer is composed by a body and a bonnet in Ductile Cast Iron "EN-GJS-500-7", and inner perforated plate filter in stainless steel AISI 304.

The function of the Strainer is to prevent the passage of solid elements.

The filter can be mounted vertically and horizontally.

2. POTENTIAL RISK IDENTIFICATION

Throughout its development were not been identified any potential risks for utilization.

In sales and post-sales assistance, are not associated or registered any risks in the assembly and operation.

3. HANDLING

The filter should be installed on the conduit so that the flow direction coincides with the direction of the arrow engraved on the body.

All PURIFY Strainers without exception are tested on factory to verify their operation, being subjected to test pressures higher than the service pressure.

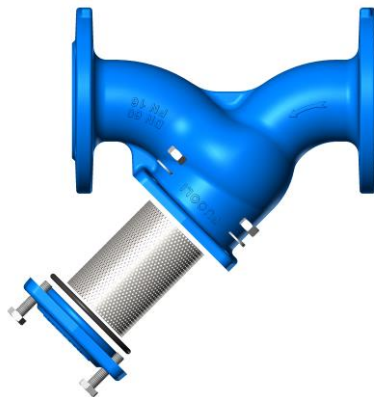
4. MAINTENANCE

The maintenance actions PURIFY Strainer, sum up to the cleaning of the perforated plate filter and the extraction of solid waste accumulated in the bonnet tank.

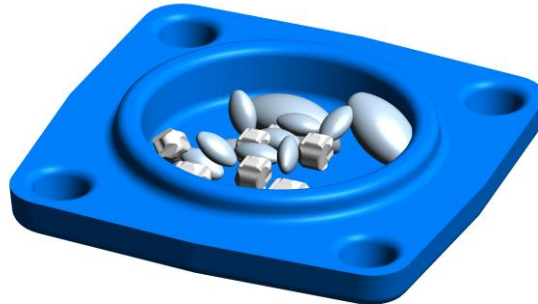
The frequency of that actions by their specificity must be determined by the user accordingly of their use.

The sequence that must be followed on the cleaning of the perforated plate filter shall be as above:

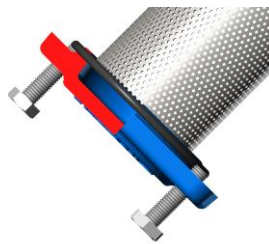
1. Remove the PURIFY Strainer components taking care of the gasket between the cover and the body to not damaged it.
The condition of the gasket must be checked and, if necessary, replaced.



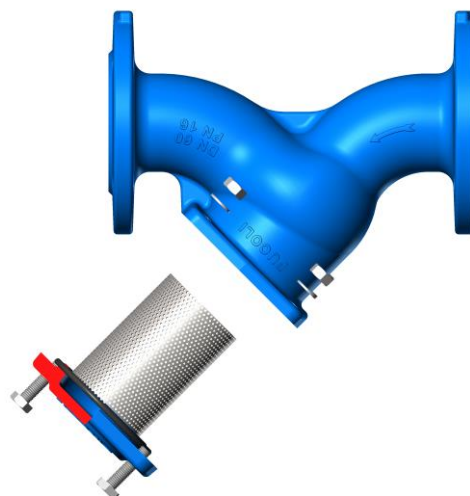
2. Clean solid waste that are concentrated in the bonnet tank.

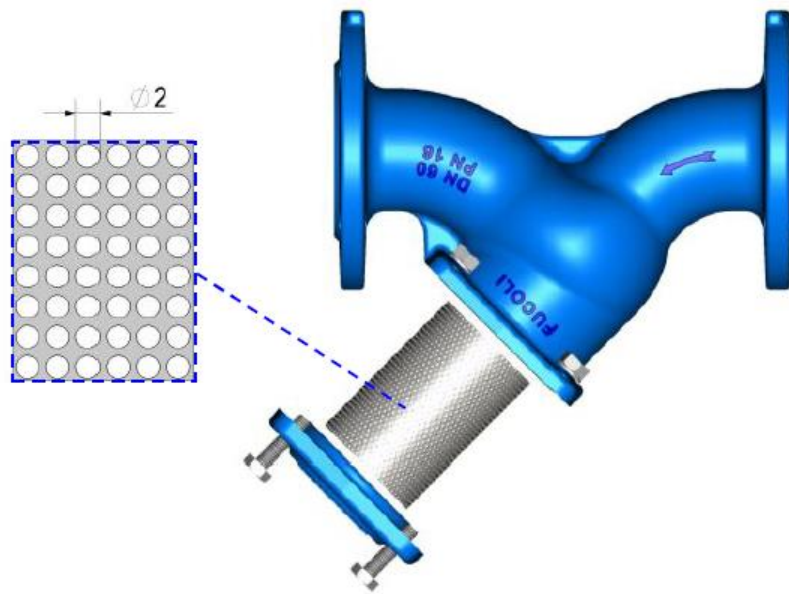


3. After cleaning the perforated plate filter the solid waste of the bonnet, the perforated plate filter must be fitted, the screws to tightened the bonnet to the body positioned so that they serve as a guide.



4. Tighten the screws, taking into account the correct positioning of the gasket and the perforated plate in the machined grooves in the lid as well as in the body.





Perforated plate filter specification

