

Globe type Strainer

Figure 2010



Válvulas IRUA

DESCRIPTION:

Globe type strainer for high performance results with vertical screen designed for maximum protection and prevent damages of control valves and water pipelines by means of the efficient removal and retention of solids, debris and other foreign material from flowing water. Either the construction materials and the general design of the Fig. 2010 globe type strainer do obtain a final product very robust, durable and reliable.

INSTALLATION:

Its top-vertical opening design of the cover permits a more simple installation at site in comparison with other strainers available in the market (e.g. "Y" type) and helps for the assembly to a base or pedestal if needed.

MAINTENANCE:

Due to the "Top-Entry" design, it is possible the access to all the internal components of the strainer as well as the particles accumulated by removing of the cover. The maintenance works are then very easy and rapid.

SIZES / RATINGS:

ND80-ND900 / NP10-NP40

OPTIONAL DEVICES:

Automatic air release valve on the top of the cover in lieu of the standard isolating ball valve under request.

1 1/2" side pipe connection with an isolating valve at the bottom of the strainer in lieu of the standard plug could be supplied under demand to make easier the removing of rocks and debris.



General List of Materials:

Body: ductile iron GJS500-7

Cover: fabricated steel

Screen: stainless steel A304

Coating:

Internal and external 150 microns thickness of atoxic epoxy coating.

Screen:

Standard screen thickness: 2 mm.

Standard perforation size: 7 mm.

Ratio between perforated area to inlet size:

Consult factory

DIMENSIONS (mm.) AND WEIGHTS (kgs.) CHART										
DN	100	125	150	200	250	300	350	400	450	500
A	330	400	457	623	661	788	839	915	920	1.016
B	315	350	370	465	510	700	760	880	880	1.100
C	114	130	152	206	245	270	300	343	343	432
D	229	270	347	457	542	658	690	795	795	960
WEIGHT	85	120	148	240	380	575	590	805	840	1.390

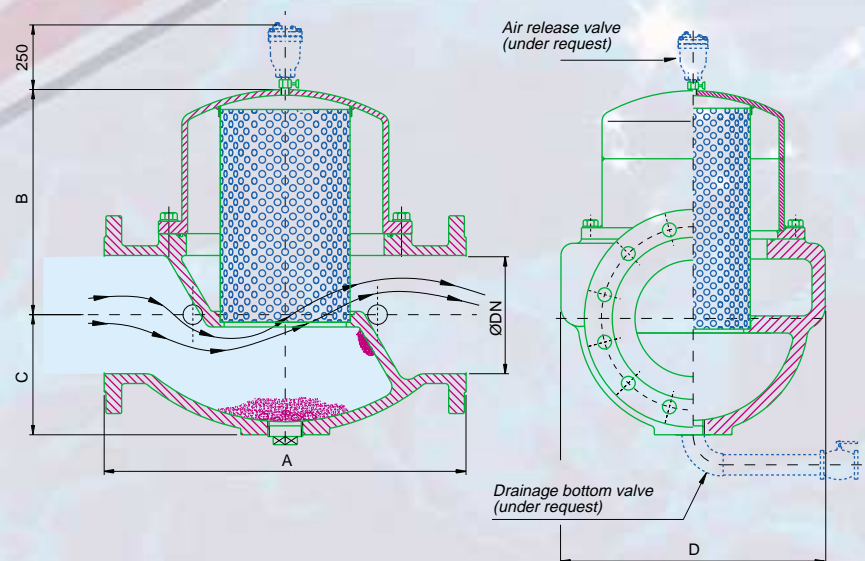


Assembly at site of Fig. 2010 DN500 Globe type Strainer, upstream of a pressure reducing control valve.

Fig. 2010 / PROJECT SPECIFICATIONS

Globe type Strainer Fig. 2010 shall be of "Top-Entry" design with top and vertical opening of the cover for easy access to all the internal parts and for the easy cleaning of the foreign particles accumulated. An automatic air release valve shall be mounted on the top of the cover for the release of the small amounts of accumulated air during operation.

The strainer body shall be of ductile iron with flanges conforming to the latest EN/ANSI standards. The screen shall be of stainless steel and the cover of fabricated steel.



The standard specifications shown above can be modified under demand to comply the client's requirements.



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