

PS11

#2500 HIGH PRESSURE FORGED Y-TYPE STRAINER

DESCRIPTION:

Forged Y strainers with bolted cover for high pressure steam, water, and process fluids. All strainers have a large flow area around the screen, to reduce pressure drop, and the screens have a filtration area of 3 times of the pipe's cross-sectional area.

SCREEN:

40 mesh (standard)

***Contact our sales representative for special mesh requirement.**

FEATURES:

- i. Designed to remove solid particles
- ii. Reduces contamination in the pipeline network

SIZES: DN 40,50

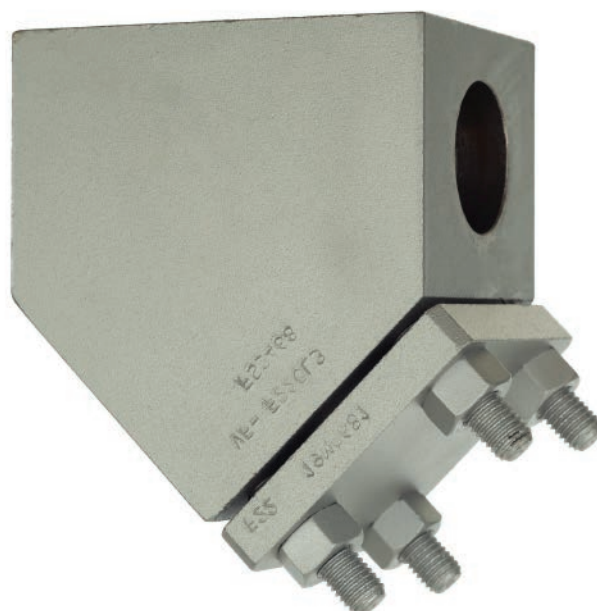
LIMITING CONDITIONS:

FLANGE CLASS	DESIGN CONDITION	HYDRO TEST PRESSURE
#2500	431 bar @ RT, 154 bar @ 538° C	646 bar(g)

MATERIAL:

NO	PART NAME	MATERIAL	QTY
1	BODY	ASTM A182 GR. F22 CL3*	01
2	COVER	ASTM A182 GR. F22 CL3*	01
3	STRAINER SCREEN	AISI 304 (40 MESH) & Φ 6 PERF	01
4	GASKET	SPIRAL WOUND SS 304 WITH GRAPHITE FILLER	01
5	STUD	ASTM A193 Gr. B16	04
6	NUT	ASTM A194 Gr. 7	04
7	WASHER	45C8	04

* Also available in A105 material



INSTALLATION:

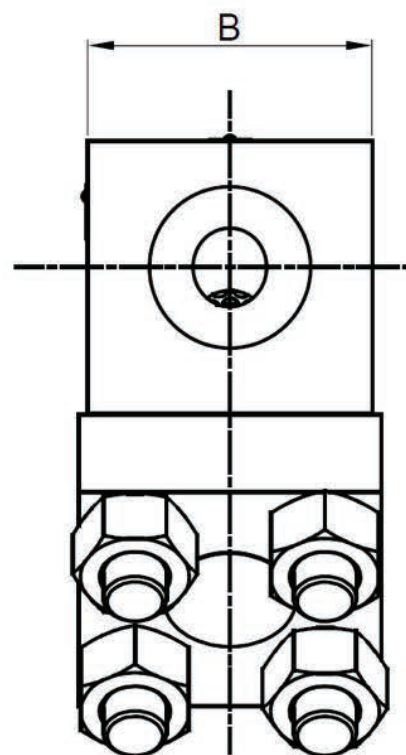
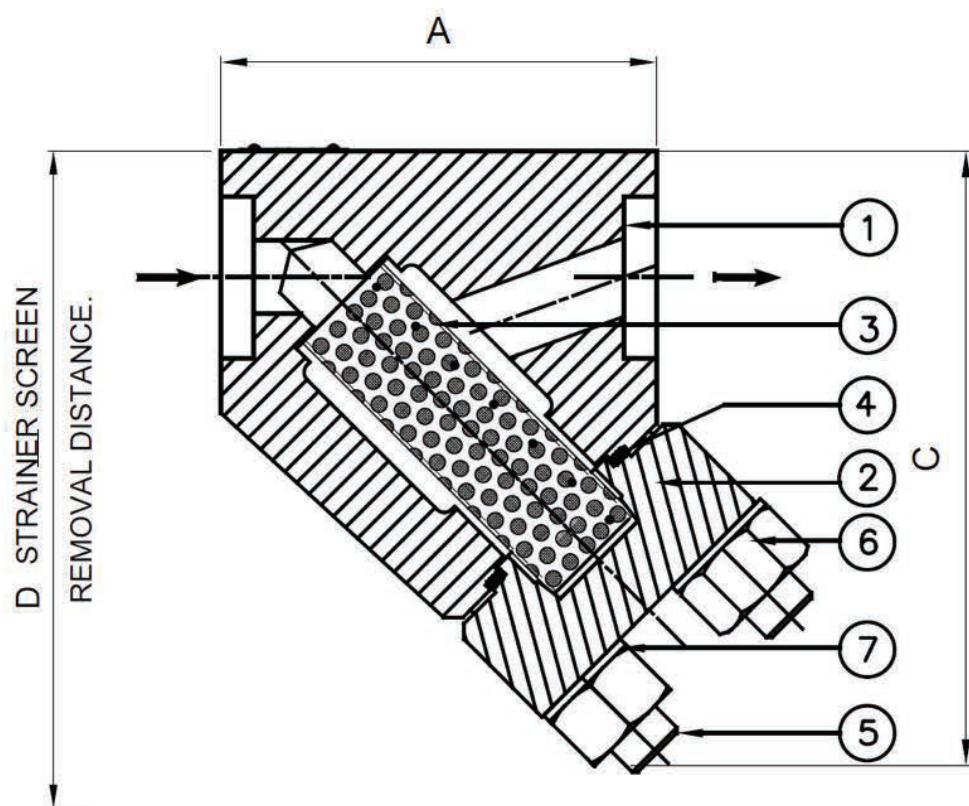
Strainer should be installed in the direction of flow as shown in the label attached on the body. Maintenance can be completed with the strainer in the pipeline.

Suitable isolation valves must be installed prior to the strainer to allow for safe maintenance.

Periodically the strainer screen should be thoroughly cleaned for better performance and life. With isolated strainer dismantle the bolted joint and remove strainer screen to remove muck and clean the screen thoroughly. Fit the screen carefully and fit cover with new gasket. Tighten nuts uniformly.

DIMENSIONS: (approx.) in mm

SIZE	A	B	C	D	WEIGHT (Kg)
DN40	131	89	206	290	16.5
DN50	165	108	233	300	22



AVAILABLE SPARES:

Strainer Screen, Gasket

HOW TO ORDER:

PS11 DN40 #2500 IBR SW