

**CAST STEEL "Y"
D-KTC
YSC900**

Designed to ANSI B16.34 the strainer bodies are produced with a superior wallthickness for corrosion allowance.

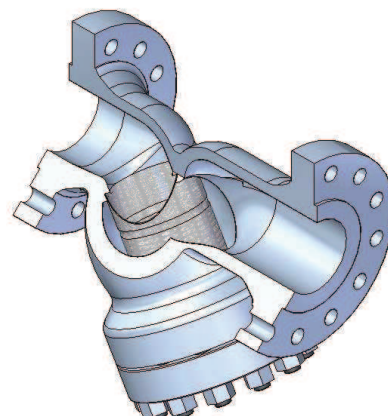
Standard strainers are equipped with screens for the average service of most mediums (steam, gas, air, oil, chemicals , etc.).

The large screen open area ensures an efficient filtering action with a low pressure drop.

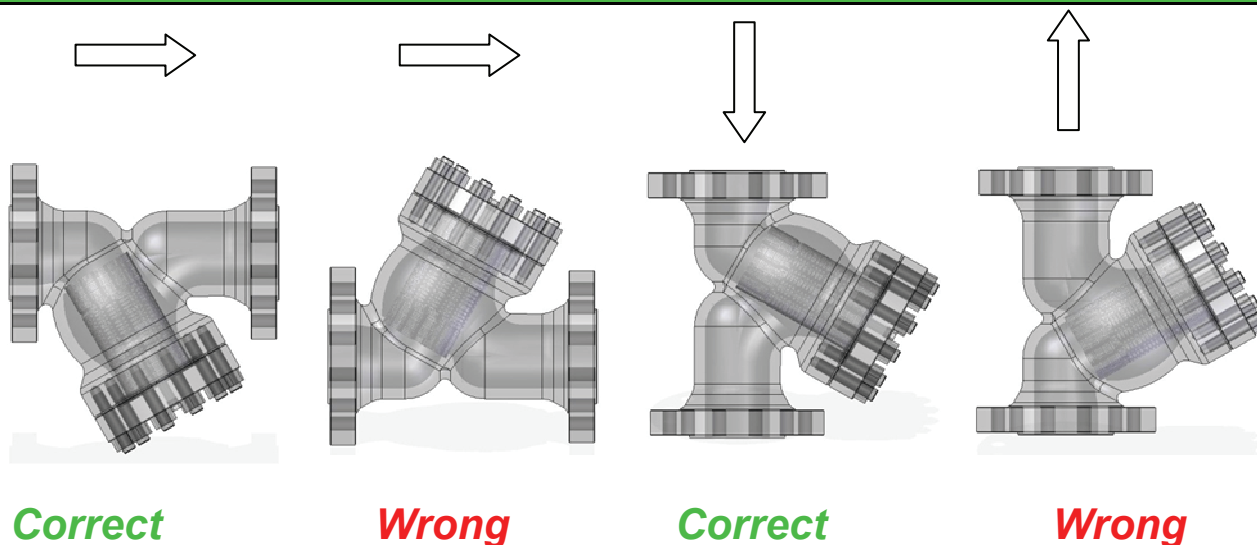
Filtering area to inlet area ratio is larger than 3 to 1 .

Screens area manufactured with perforated plate in the materials and with the perforation specified in the relevant tables .

Screens with different perforation (or wire mesh) and materials may be manufactured on request.



Installation



All strainers should be mounted as close as possible to the valve or machinery which they are being installed to protect. It is important to ensure that the strainer installed with the flow following the same direction as the flow direction arrow cast onto the strainer body.

For mounting in horizontal or inclined pipelines, ensure that the screen housing is always mounted below the pipeline.

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CONNECTIONS

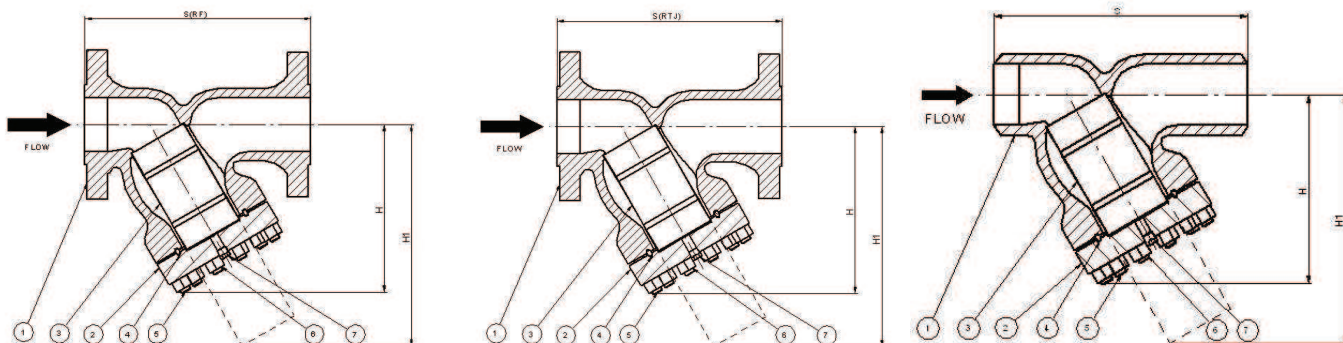
Buttweld	ASME B 16.25
Flanged	ASME B 16.5

LIMITING CONDITIONS

According to the body rating (ANSI B 16.34)
C900 – ANSI 900

POS.	DESCRIPTION	MATERIALS		SPARES
1	Body	ASTM A216 WCB	ASTM A351 CF8M	
2	Screen	S.S. 304	S.S. 316	X
3	Cover	ASTM A105	ASTM A240 316	
4	Gasket RJ	ARMCO	F316	X
5	Drain plug	ASTM A105	AISI 316	
6	Studs	ASTM A193 B7	ASTM A320 L7	
7	Nuts	ASTM A194 2H	ASTM A194 Gr.4	

OTHER MATERIALS ON REQUEST



Size (Inches)	2"	3"	4"	6"	8"	10"	12"
S(RTJ)[mm]	371	384	460	613	740	841	968
S(RF)[mm]	368	381	457	610	737	838	965
S [mm]	368	381	457	610	737	838	965
H [mm]	250	295	375	555	665	650	650
H1[mm]	400	320	435	630	780	890	976
Weight [kg]	55	83	155	261	600	1494	1750

STANDARD PERFORATIONS: 1.5 mm
SPECIAL PERFORATIONS ON REQUEST
DRAIN PLUG: 3/4" NPT

