

STRAINERS

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 , ect.).

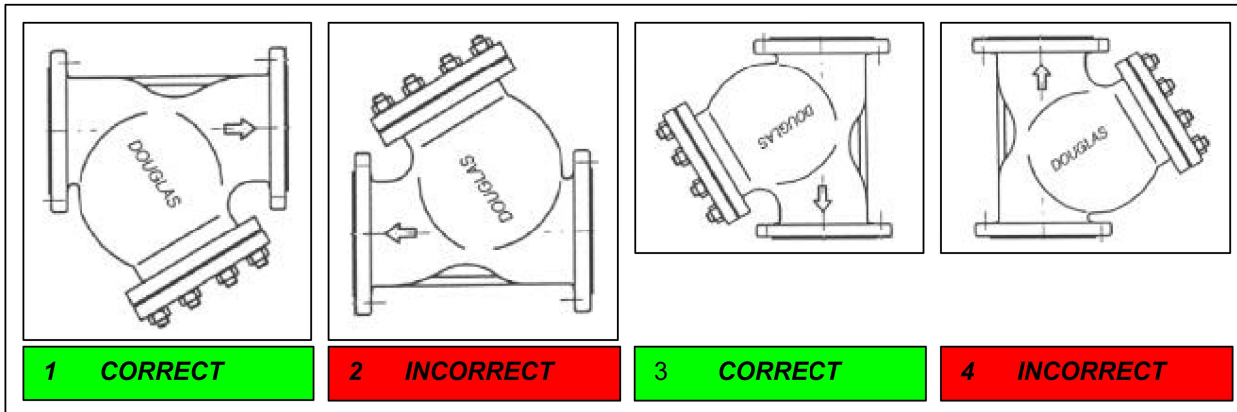
The large screen open area ensures an efficient filtering action with a low pressure drop.

Filtering area to inlet area ratio is larger than 3 to 1 .
Screens are 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.
- " Y " – strainers should never be installed in vertical pipelines in the upward flow condition. (see above)

SIZES

2"-3"-4"-6"-8"-10"-12"

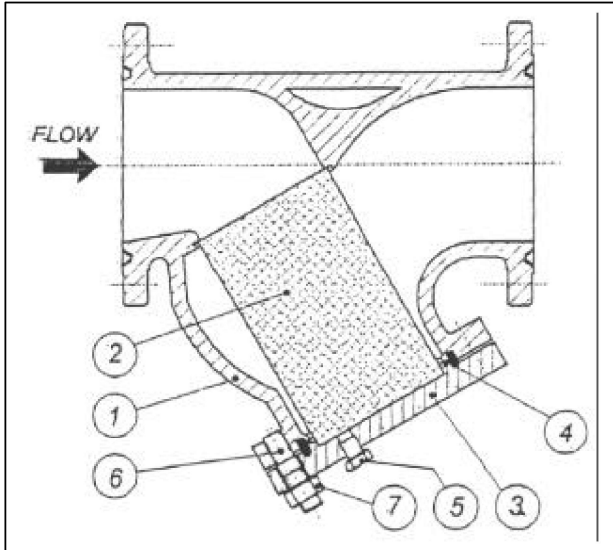
CONNECTIONS

Buttweld	ANSI B16.25
Flanged	ANSI B 16.5

LIMITING CONDITIONS (according to ISO 6552)

According to the body rating (ANSI B16.34)
C900 – ANSI 900
OTHER RATINGS ON REQUEST

CAST STEEL "Y" TYPE STRAINERS DOUGLAS C900 WCB

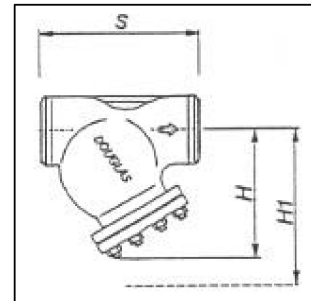
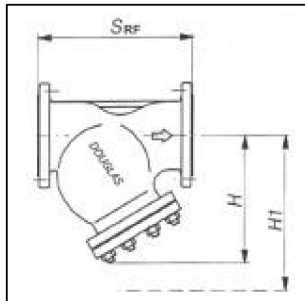
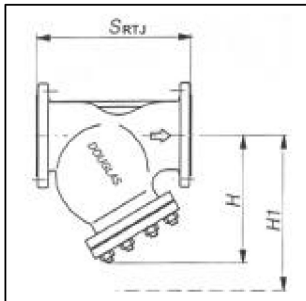


POS.	DESCRIPTION	MATERIALS	SPARES
1	Body	ASTM A216 WCB	
2	Screen	S.S. 304	X
3	Cover	ASTM A105	
4	Gasket RJ	ARMCO	X
5	Drain plug	ASTM A105	
6	Studs	ASTM A193 B7	
7	Nuts	ASTM A194 2H	

OTHER MATERIALS ON REQUEST

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

STANDARD PERFORATIONS 1.5 mm
SPECIAL PERFORATIONS ON REQUEST. DRAIN PLUG SIZE ¾"
Dimension : SRF, S, H, H1 are in millimeters (mm)



HOW TO SERVICE

Strainer maintenance should be made at least once year, or whenever the pressure drop is found to be in excess of the normal figures. A quick clean-up system, to made approximately once a month, is to blow-off small impurities through the drain-plug (5). It is recommended to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **-1-** Be sure that the main line has been shut-off. **-2-** Untighten cover stud bolts (6) and nuts (7) and remove cover (3) and gasket (4). **-3-** Withdraw screen (2) and carefully inspect it for damages. If any hole in the screen is found obstructed, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **Never reinstall a broken or distorted screen.** **-4-** Carefully clean the inside of the strainer body. **-5-** Fit a new gasket (4). **-6-** Install the new screen or the cleaned one (2). Be sure to center the screen in the upper seat. **-7-** Put in place cover (3). Be sure that drain plug (5) is closed. **-8-** Slowly give pressure to the line, checking for leakages. **9-** Write on the strainer body the date of this maintenance operation.

How to order: i.e. C900 WCB / 304 F 1.5 2" 900 RTJ

DOUGLAS ITALIA S.p.A Località Pradaglie – 29013 CARPANETO PIACENTINO (PC)

OFFICIAL WEB SITE: www.douglas-italia.com