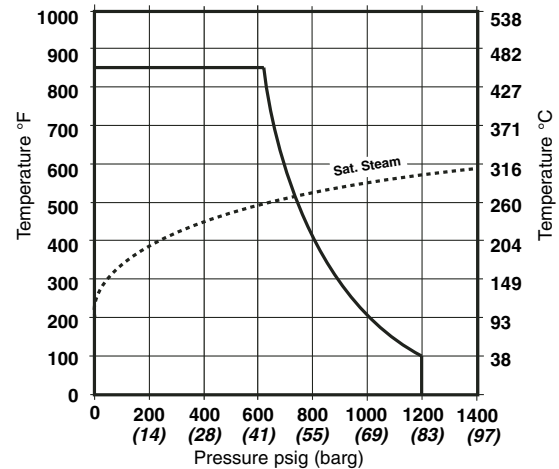


spirax sarco®

Stainless Steel Strainers SSY

Type ⇄	SSY
Sizes	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
Connections	NPT or SW to ANSI B16.11
Construction	Investment Cast Stainless Steel Type 316L
Max Saturated Steam Pressure	757 psig
Screen	.040" perf.

LIMITING OPERATING CONDITIONS (NON-SHOCK)



C_v VALUES & FREE AREA (STANDARD SCREEN)

Size	C _v	Free Area (sq. in.)
1/2"	4.4	1.2
3/4"	10	2.4
1"	15	3.8
1-1/4"	22.5	5.5
1-1/2"	30	7.1
2"	54	10.7

PRESSURE SHELL DESIGN CONDITIONS ANSI CLASS 600

Max. allowable pressure 1200 psig/-20-100°F 83 barg/-29-38°C

Max. allowable temperature 850°F/0-645 psig 454°C/0-45 barg

For water:

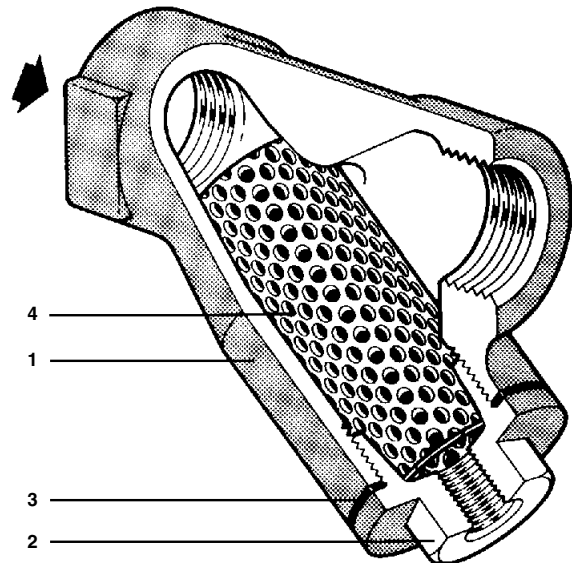
$$\text{Pressure Drop} = \frac{(\text{GPM})^2}{(\text{C}_v)^2}$$

Consult factory for other liquids.

See TIS 7.429 for pressure drops on steam, air and other gases.

CONSTRUCTION MATERIALS

No.	Part	Material
1	Body	Type 316L Stainless Steel ASTM A351 GR CF 3M
2	Cap	Type 316L Stainless Steel ASTM A351 GR CF 3M
3	Cap Gasket	Type 316 Stainless Steel Jacketed Graphite
4	Strainer Screen	Type 316 Stainless Steel



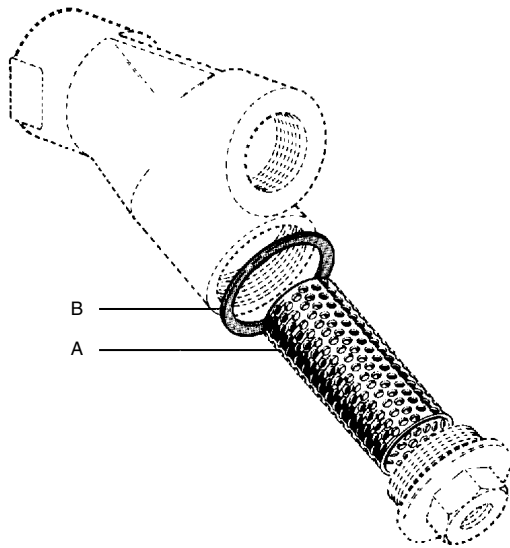
Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only.

In the interests of development and improvement of the product, we reserve the right to change the specification.

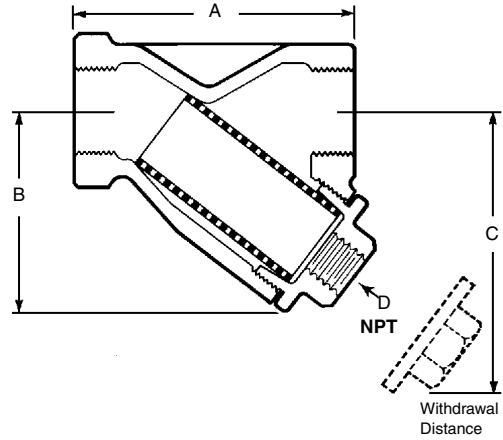
TI-7-406-US 08.99

Stainless Steel Strainers SSY

SPARE PARTS



Strainer Screen	A
Cap Gasket (pkt of 3)	B



DIMENSIONS (NOMINAL) IN INCHES AND MILLIMETERS

Size	A	B	C	D	Weight
1/2"	2.9 74	2.0 51	3.3 84	1/4"	.63 lb 0.28 kg
3/4"	3.6 91	2.9 74	4.9 124	1/2"	1.32 lb 0.60 kg
1"	4.2 107	3.3 84	5.7 145	1/2"	2.25 lb 1.0 kg
1-1/4"	5.6 142	4.2 107	7.2 183	1/2"	3.70 lb 1.7 kg
1-1/2"	6.0 152	4.5 114	7.8 198	1/2"	4.9 lb 2.3 kg
2"	7.0 178	5.5 140	9.4 239	1/2"	8.0 lb 3.6 kg

INSTALLATION

The strainer should be installed with the flow direction as indicated on the body, in a vertical down or horizontal pipeline. The strainer must be accessible for periodic removal of accumulated debris, by either blowing down or removal and cleaning of the screen.