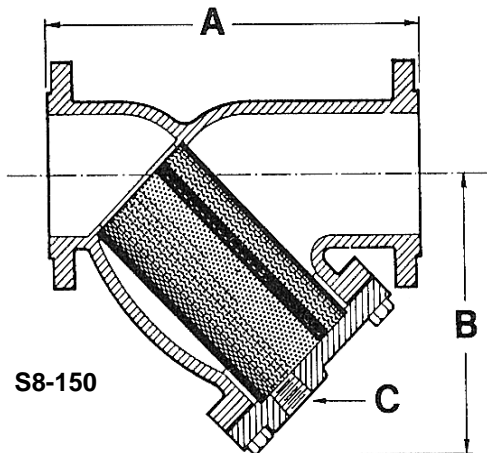


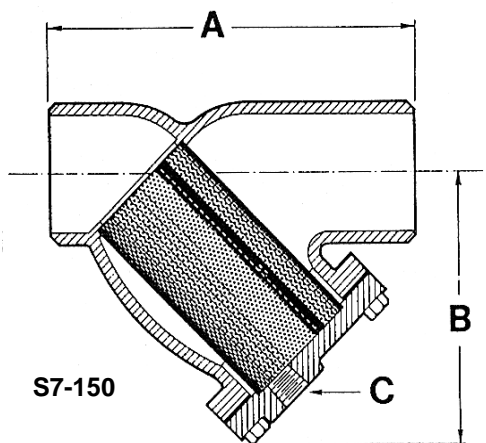
# 150# CAST 316 STAINLESS STEEL FLANGED & BUTTWELD "Y" STRAINERS

## MODELS: S8-150 & S7-150

| PRESSURE-TEMPERATURE RATINGS (B16.5) |                  |
|--------------------------------------|------------------|
| STEAM:                               | 150 psi @ 565o F |
| WOG:                                 | 275 psi @ 100o F |



S8-150



S7-150

DIMENSIONS & WEIGHTS APPROXIMATE  
(Apply for certified drawings)

### SERVICE RECOMMENDATIONS

These strainers are designed for dependable service under demanding conditions. They offer complete protection to mechanical equipment such as pumps & valves under corrosive conditions. Self cleaning is easily accomplished by opening the plug or valve connected to the blow-off outlet (not supplied).

### FEATURES

All sizes feature a bolted cover machined to receive the screen. SS spiral wound gaskets are designed for high temperature and/or corrosive service. Studs are A193B7 & the nuts are A194-2H hex. Covers are furnished with a blowoff tapping, but without a plug.

### SCREENS

Fabrotech supplies sturdy 304 SS screens which are normally furnished in the following perforations:

|                 |                  |                  |
|-----------------|------------------|------------------|
| <b>SERVICE:</b> | <b>1/2" - 4"</b> | <b>5" to 14"</b> |
| <b>Steam:</b>   | <b>.033"</b>     | <b>.045"</b>     |
| <b>Liquid :</b> | <b>.062"</b>     | <b>1/8"</b>      |

Other materials, such as Monel, Hastelloy C, & Alloy-20 are available. Other perforation sizes and/or mesh lining is also available.

### CONSTRUCTION

As a standard, the body is constructed of Stainless Steel ASTM A351 Gr. CF8M. Both models are available in Alloy 20, Monel & Hastelloy C castings. The bodies of both the S8-150 & S7-150 are designed to meet 150 lb. ANSI specifications. Model S8-150 has RF flanges per ASME B16.5 and model S7-150 ends are machined to match standard weight pipe. All models have machined seats in the body & cover to ensure accurate screen alignment. Each unit is individually hydrostatically tested.

| SIZE           | in.    | 1/2"  | 3/4"   | 1"     | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"      | 4"     | 5"     | 6"     | 8"     | 10"    | 12"    | 14"  |
|----------------|--------|-------|--------|--------|--------|--------|-------|--------|---------|--------|--------|--------|--------|--------|--------|------|
|                | mm     | 15    | 20     | 25     | 32     | 40     | 50    | 65     | 80      | 100    | 125    | 150    | 200    | 250    | 300    | 350  |
| A              | S8-150 | 6 1/2 | 7 3/8  | 7 3/8  | 7      | 7 1/8  | 7 7/8 | 9 3/4  | 10 1/16 | 12 1/8 | 15 5/8 | 18 1/2 | 21 3/8 | 26     | 29 7/8 | 36   |
|                | S7-150 | 6 5/8 | 8 5/16 | 8 5/16 | 10 1/8 | 10 1/4 | 8 5/8 | 10 5/8 | 12      | 14 1/2 | 16 3/8 | 20     | 23 3/8 | 27 3/8 | 32     | 36   |
| B              | S8-150 | 3 1/2 | 3 3/4  | 3 3/4  | 4 3/4  | 4 3/4  | 5 1/4 | 6 1/2  | 7       | 8 1/4  | 11 1/4 | 13 1/2 | 15 1/2 | 18 1/2 | 21 3/4 | 25   |
|                | S7-150 | 3 1/2 | 3 3/4  | 3 3/4  | 5 1/4  | 5 1/4  | 5 1/4 | 6 1/2  | 7       | 8 1/4  | 11 1/4 | 13 1/2 | 15 3/4 | 19     | 22 1/4 | 25   |
| C              | NPT    | 3/8   | 1/2    | 1/2    | 1/2    | 1/2    | 1/2   | 1      | 1       | 1      | 1 1/2  | 2      | 2      | 2      | 2      | 2    |
| WT (lb)        | C8-150 | 5 1/2 | 10 1/4 | 10 1/4 | 9 3/4  | 12 1/2 | 18    | 28     | 34      | 58     | 90     | 125    | 220    | 320    | 550    | 980  |
|                | C7-150 | 3     | 9      | 9      | 12     | 13     | 10    | 14     | 20      | 40     | 60     | 90     | 168    | 250    | 440    | 815  |
| Clean Cv (gpm) |        | 30    | 35     | 40     | 40     | 40     | 70    | 100    | 150     | 250    | 390    | 550    | 900    | 1500   | 2200   | 3100 |

Also available in sizes 16" thru 24"



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