

# FLANGED "Y" STRAINERS

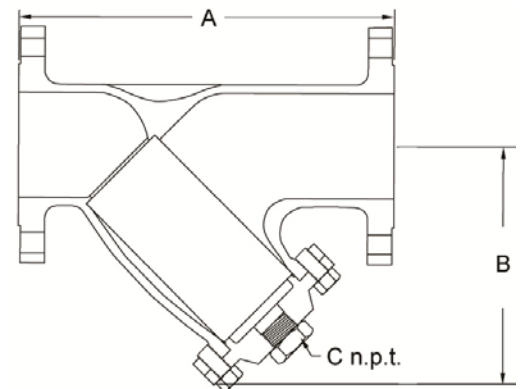
## Steel / Stn. Stl. – 300YF Series



Model 300YFS – Carbon Steel



Model 300YFSS – Stainless Steel



### RATINGS

PMO (maximum operating pressure) 300YFS: 285 psi @ 900°F  
740 psi @ 100°F

PMO (maximum operating pressure) 300YFSS: 275 psi @ 900°F  
720 psi @ 100°F

### NOTES

- **SCREENS:** 1/32" perforated type 304SS supplied as standard on sizes up to 1-1/2". 3/64" perforated 304SS supplied as standard on sizes 2" to 3". 1/8" perforated type 304SS supplied as standard on sizes 4" and larger. Other meshes, perforations and materials are available upon request

- **CAPS:** Flanged and gasketed caps with plugged blowdown connection are supplied on all sizes as standard

- **ENDS:** Class 300 raised face flanges in accordance with ANSI B16.5. Butt-weld end connections in accordance with ANSI B16.25 are available upon request. (Optional butt-weld end strainer is dimensionally same as flanged end strainer)

### MATERIALS

PART	DESCRIPTION	
	300YFS (Carbon Steel)	300YFSS (Stainless Steel)
Body	A216-WCB	A351-CF8M
Screen	304 Stainless Steel	304 Stainless Steel
Cap	A216-WCB	A351-CF8M
Gasket	304SS Spiral Wound	304SS Spiral Wound
Plug	A105	A182-316
Studs	A193-B7	A193-B8-1
Nuts	A194-2H	A194-8

### DIMENSIONS AND WEIGHTS

Size		DIMENSIONS						Weight	
		A		B		C			
mm	in	mm	in	mm	in	mm	in	kg	lbs
15	1/2	165	6-1/2	108	4-1/4	8	1/4	3.6	8
20	3/4	197	7-3/4	127	5	10	3/8	6.4	14
25	1	200	7-7/8	140	5-1/2	15	1/2	6.8	15
40	1-1/2	267	10-1/2	178	7	15	1/2	15	32
50	2	229	9	145	5-11/16	15	1/2	12	26
65	2-1/2	276	10-7/8	183	7-3/16	25	1	16	36
80	3	320	12-5/8	207	8-1/8	25	1	25	55
100	4	372	14-5/8	245	9-5/8	40	1-1/2	40	88
125	5	470	18-1/2	391	15-3/8	50	2	82	180
150	6	502	19-3/4	381	15	50	2	91	200
200	8	635	25	419	16-1/2	50	2	132	290
250	10	705	27-3/4	538	21-3/16	50	2	236	520
300	12	914	36	617	24-5/16	50	2	308	680

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice



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