

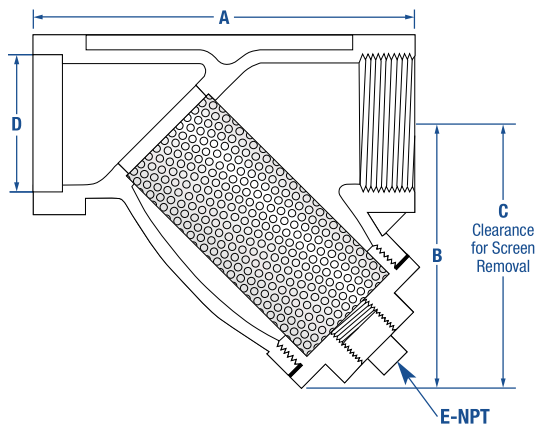
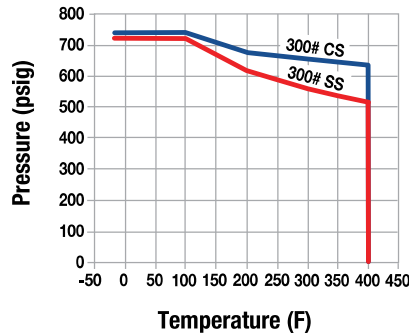
# 300Y1 Series

## Y-Strainers

Carbon Steel Body & Stainless Steel Body | NPT & Socketweld Ends



Pressure / Temperature Chart  
ASME B16.34



### Description

SSI manufactures carbon steel y-strainers that are long-lasting, functional, cost-effective, and are well suited for commercial and industrial use. SSI carbon steel y-strainers are suitable for a full range of steam, liquid, gas & oil, power, pulp & paper, process equipment, chemical, metal & mining and water & waste applications.

### Sizes

½" to 3"

### Pressure

740 PSIG (51 BARG)

### Temperature

800° F (427° C)

### End Connections

Threaded (NPT)  
Socketweld

### Screen Openings

½"-2" | 1/32" Perf | 304 SS  
2½"-3" | 3/64" Perf | 304 SS

### Features

- One piece cast body
- Investment cast on NPT and socketweld versions
- ASME Class 300 rated strainers
- Upper and lower machined seats
- All Flanged connections complete with Bolted Cover
- Drain / Blow-off connection furnished with plug
- Generous screen area and properly proportioned straining chamber to minimize initial pressure drop while maximizing time between cleanings

Dimensions													
Size		A		B		C		D		E		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
½"	15	2.53	65	1.63	41	2.38	60	0.855	21.72	0.25	6	0.50	0.22
¾"	20	3.19	80	2.00	51	3.19	81	1.065	27.05	0.25	6	0.82	0.37
1"	25	3.56	90	2.38	66	4.00	102	1.330	33.78	0.5	15	1.50	0.68
1¼"	32	4.13	105	2.88	73	4.50	114	1.675	42.55	0.5	15	2.0	0.90
1½"	40	4.75	119	3.25	83	4.75	121	1.915	48.64	0.5	15	2.8	1.27
2"	50	5.44	138	3.81	96	5.75	146	2.406	61.11	0.5	15	4.3	1.95
2½"	65	7.25	184	4.81	124	7.25	184	2.906	73.81	0.5	15	10	4.54
3"	76	8.06	205	5.44	138	7.50	191	3.535	89.79	0.5	15	14	6.35

Materials		
Part	Carbon Steel	Stainless Steel
Body	A216-WCB	A351-CF8M
Cap	A216-WCB	A351-CF8M
Screen <sup>1</sup>	304 SS	304 SS
Plug	A105	A182-316
Gasket <sup>1</sup>	Teflon	Teflon

Dimensions shown are subject to change. Consult factory for certified drawings when required.

<sup>1</sup> Recommended Spare Parts