

Style SSA

Y-Strainer

Stainless Steel (ASTM A 351, Grade CF8M)

600 lb. Butt Weld



Cast 316 Stainless Steel Y-Strainer

APPLICATIONS

Steam, water, oil or gas where protection from foreign matter in a pipeline is required.

CONSTRUCTION

The Keckley Style SSA strainers are constructed from rugged 316 stainless steel castings and are machined to exacting specifications.

Style SSA 600 lb. butt weld connections will be machined to match schedule 80 pipe unless otherwise specified.

FEATURES

The Keckley Style SSA strainer features a machined groove in both the body and cover for proper screen alignment and to ensure accurate reseating when servicing is required. The gasket is 304 stainless steel spiral wound and is compressed between the body and cover (for maximum strength and durability) and designed for high pressure and high temperature service. Keckley Style 600 lb. butt weld class strainers have stainless steel studs and nuts and can be furnished with a stainless steel blow-off plug upon request.

SCREENS

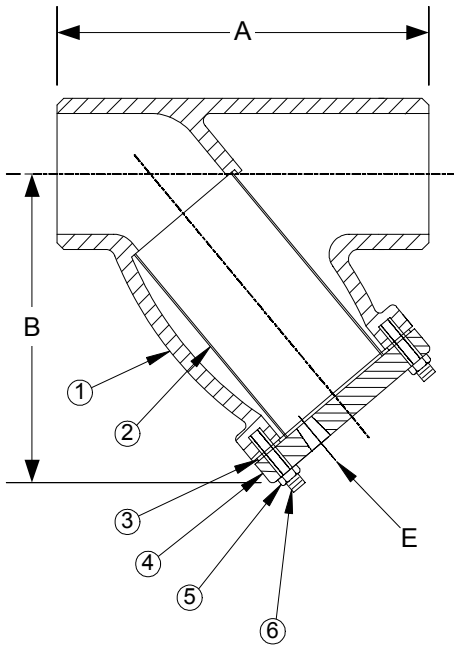
Standard perforated 304 stainless steel screens are spot welded along the seam for maximum strength. Different size perforations and meshes are available in stainless steel, monel, and brass to meet specific media requirements. If the media is not indicated, screens for *steam* will be supplied.

SELF CLEANING

Self cleaning is accomplished by opening the valve or drain plug connected to the blow-off port. **Warning:** See Maintenance Instructions on page S6 of the Strainer Information Section for additional precautions and detailed information on servicing the strainer.

WORKING PRESSURES – NON SHOCK

NOM. RATING	MEDIA	1/2" to 12"	15 mm to 300 mm
600# (Butt Weld)	STEAM	600 PSI @ 1125	4138 KPa @ 607
	W.O.G.	1440 PSI @ 100	9932 KPa @ 68



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PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1	BODY	CAST STAINLESS STEEL (ASTM A 351, GRADE CF8M)
2	SCREEN	STAINLESS STEEL (304)
3	GASKET	SPIRAL WOUND STAINLESS STEEL (304)
4	COVER	CAST STAINLESS STEEL (ASTM A 351, GRADE CF8M)
5	NUTS	ASTM A 194, GRADE 8
6	STUDS	ASTM A 193, GRADE B8

Optional: Blow-off Plug, Stainless Steel (304)

STANDARD SCREENS SUPPLIED

SIZE		SCREEN GAGE	SCREEN PERFORATION			
in	mm		FOR STEAM	OPEN AREA	FOR LIQUID	OPEN AREA
1/2 to 4	15 to 100	24	1/32	28%	1/16	37%
5 to 12	125 to 300	22	3/64	36%	1/8	40%

 Standard screens supplied are for **steam service**, unless otherwise specified.

Options: Other perforations, meshes, and screen materials are available.

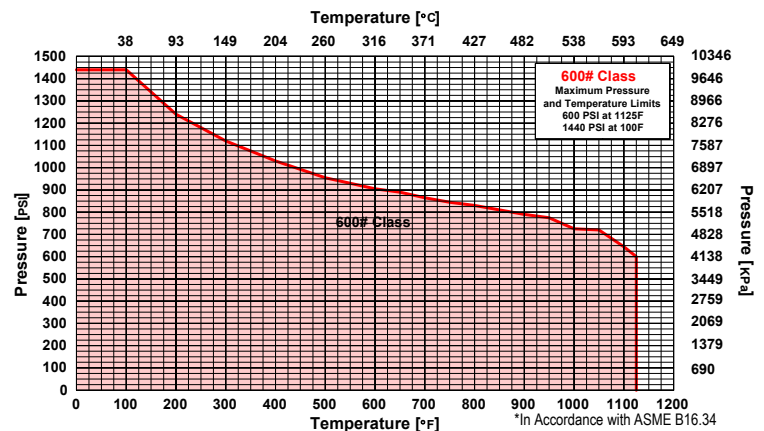
SIZE		DIMENSIONS						WEIGHTS			
		A		B		E					
		in	mm	in	mm	in	mm	in	mm	lbs	kgs
		600#		600#		600#		600#			
1/2	15	6-5/8	168	3-1/2	89	3/8	10	6	3		
3/4	20	8-5/16	211	3-3/4	95	1/2	15	12	5		
1	25	8-5/16	211	3-3/4	95	1/2	15	12	5		
1-1/4	32	10-1/8	257	5-1/2	140	1/2	15	19	9		
1-1/2	40	10-1/4	260	5-1/2	140	1/2	15	27	12		
2	50	11	279	7	178	1/2	15	40	18		
2-1/2	65	12	305	8-1/4	210	1	25	60	27		
3	80	13-1/2	343	9-1/4	235	1	25	78	35		
4	100	17-15/16	456	12-1/2	318	1-1/2	40	160	73		
5	125	22-1/4	565	15	381	2	50	254	115		
6	150	25-5/8	651	20	508	2	50	364	165		
8	200	31-3/4	806	24	610	2	50	670	304		
10	250	37-11/16	957	28-1/2	724	2	50	1090	494		
12	300	45-1/2	1156	34-1/2	876	2	50	1558	707		

Larger sizes are available upon request.

†This table reflects only the nearest metric equivalents.

PRESSURE vs. TEMPERATURE CHART

600# Butt Weld Cast 316 Stainless Steel (ASTM A 351, Grade CF8M)



Certified Dimensional Drawings are Available Upon Request.