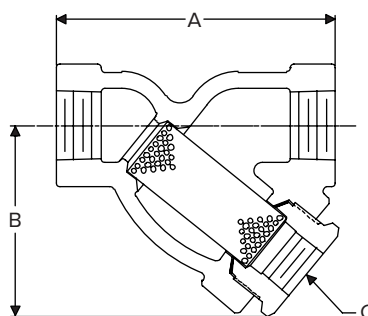
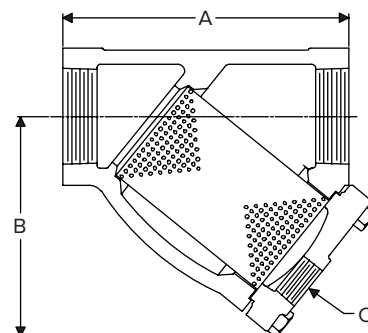


CA1SC 1/2", 3/4", 1", 1-1/2", 2"



CA1SC 1-1/4"

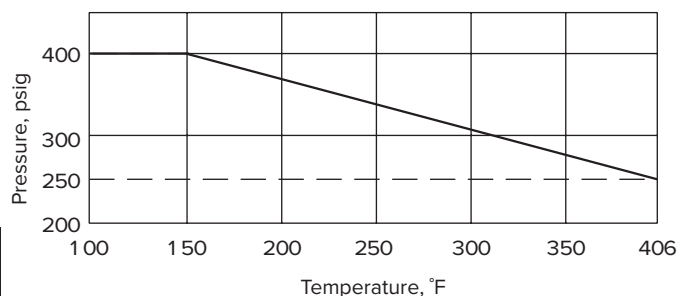


A1SC 2-1/2", 3"

For a fully detailed certified drawing, refer to:
CA1SC 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
A1SC 2-1/2", 3"

CD #1111
CD #1043

Pressure/Temperature Rating



Materials: 250 lb Screwed 1/2" - 3" (15 - 80 mm)

Connections Size		Body	Standard Screen	Screen Retainer	Gasket	Bolting
in	mm					
1/2, 3/4	15, 20	ASTM A48 Class 30 Cast Iron	304 SS .045" perforated [†]	ASTM A48 Class 30 Cast Iron	Spiral Wound	N/A
1, 1-1/2, 2	25, 40, 50				Soft Steel	
1-1/4	32				Non-asbestos	
2-1/2, 3	65, 80		304 SS .045" perforated [†]		Non-asbestos	Cap Screws ASTM A193 Gr. B7

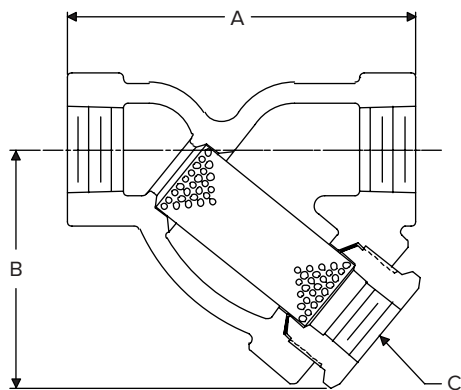
[†]NOTE: Other screen materials available. See page 435.

Physical Data: 250 lb Screwed 1/2" - 3" (15 - 80 mm)

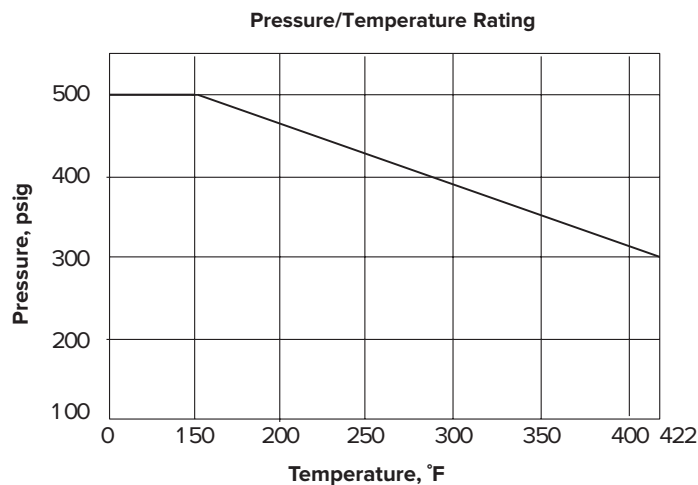
Size		Ordering Code, Standard Screen	Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Connections
					A		B		C		Saturated Steam		150°F (66°C) non-shock			
in	mm		lb	kg	in	mm	in	mm	in	mm	psig	barg	psig	barg		
1/2	15	CA1SC	3	1.4	4-1/4	108	3	76	3/8	9.5	250	17	400	28	Threaded	ANSI B1.20.1 Screwed
3/4	20															
1	25		4-1/2	2	5	127	3-3/4	95	1/2	15						
1-1/4	32		7	3	5-1/2	140	3-7/8	98								
1-1/2	40		10	4.5	6-5/16	160	4-7/16	113								
2	50		15	6.8	7-1/2	191	5-7/16	138								
2-1/2	65	A1SC	24-1/2	11	8-1/2	216	6-7/16	164	3/4	20	Bolted					
3	80		45-1/2	21	10-1/2	267	8	203	1-1/4	32						

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.

Cast Bronze 300 lb Screwed 1/2" - 2"



F4SC 1/2" - 2"



For a fully detailed certified drawing, refer to CD #1064.



Materials: 300 lb Screwed 1/2" - 2" (15 - 50 mm)

Connection Size		Body	Screen Retainer	Gasket	Bolting	Standard Screen
in	mm					
1/2, 3/4, 1, 1-1/4, 1-1/2, 2	15, 20, 25, 32, 40, 50	ASTM B62	Brass C	Copper	N/A	Brass .045" perforated*

*NOTE: Other screen materials available. See page 435.

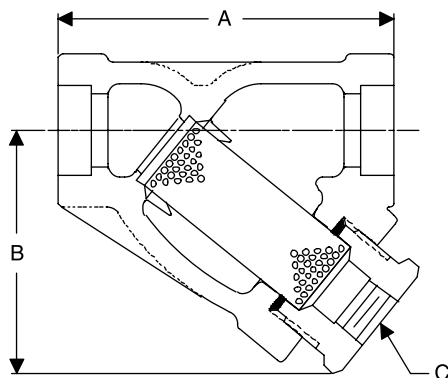
Physical Data: 300 lb Screwed 1/2" - 2" (15 - 50 mm)

Size		Ordering Code, Standard Screen	Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Connections
					A		B		C		Saturated Steam		150°F (66°C) non-shock			
in	mm		lb	kg	in	mm	in	mm	in	mm	psig	barg	psig	barg		
1/2	15	F4SC	1-1/2	0.68	3-1/2	89	2-1/2	64	3/8	9.5	300	21	500	34	Threaded	ANSI B1.20.1 Screwed
3/4	20		2	0.91	4	102	2-7/8	73	1/2	15						
1	25		3-1/2	1.6	4-3/4	121	3-5/16	84								
1-1/4	32		5	2.3	5-1/4	133	4	102								
1-1/2	40		7-1/2	3.4	6	152	4-3/8	111								
2	50		12	5.4	7	178	5-1/2	140								

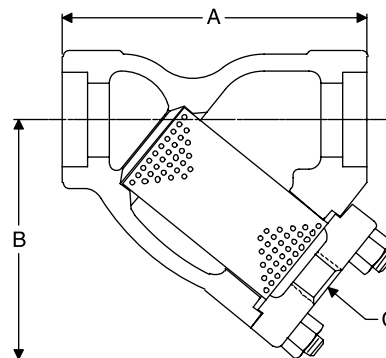
Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.



Cast Carbon Steel (WCB) 600 lb and 900 lb Screwed or Socketweld 1/2" - 3"



900 lb – B1SC/B1SW 1/2", 3/4", 1"



600 lb – B1SC/B1SW 1 1/4", 1 1/2", 2", 3"

Pressure/Temperature Rating

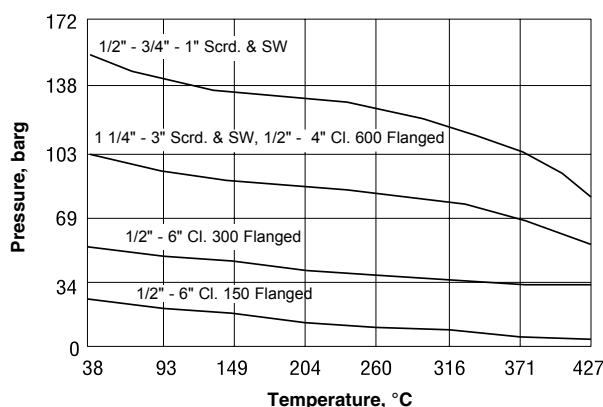


Table S-324-1. Materials: 600 lb and 900 lb Screwed or Socketweld 1/2" - 3"

Connection Size in	Body	Screen Retainer	Gasket	Bolting	Standard Screen
1/2", 3/4"	ASTM A216 Gr. WCB	ASTM A108 Gr. 1045	Soft Steel	N/A	304 SS 0,045" Perforated †
1"		ASTM A108 Gr. 1040			
1 1/4", 1 1/2", 2"		ASTM A216 Gr. WCB	304 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
3"			Non-asbestos	Cap screws ASTM A193 Gr. B7	

† Note: Other screen materials available. See page S-321.

Table S-324-2. Physical Data: 600 lb and 900 lb Screwed or Socketweld 1/2" - 3"

Connection Size	Ordering Code Standard Screen		Weight	Dimensions			Maximum Pressure		Screen Retainer Type	Connections
				A	B	C	Saturated Steam	38°C non-shock		
in	Screwed	SW	kg	mm	mm	in	bar	bar		
1/2"	B1SC	B1SW	1,0	95	68	3/8"	113	153	Threaded	ANSI B1.20.1 Screwed
3/4"			1,6	106	75	1/2"				
1"			2,7	127	89					
1 1/4"	B1SC	B1SW	4,0	140	106	1/2"	78	102	Bolted	ANSI B16.11 Socketweld
1 1/2"			5,0	160	122					
2"			9,0	197	143					
3"			21,0	289	208	1 1/4"				

Shade indicates products that are CE Marked according to the PED (2014/68/UE). All the other sizes comply with the Article 4.3 of the same directive.

All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

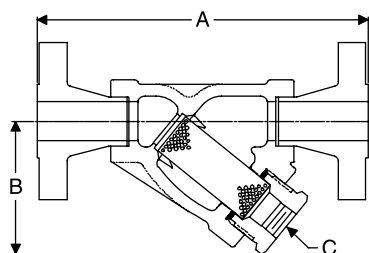
Armstrong International SA • Parc Industriel des Hauts-Sarts (2^e Avenue) • 4040 Herstal • Belgium

Tel.: +32 (0)4 240 90 90 • Fax: +32 (0)4 240 40 33

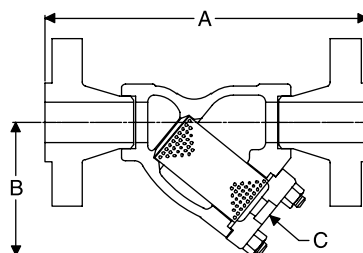
www.armstronginternational.eu • info@armstronginternational.eu

Cast Carbon Steel (WCB)

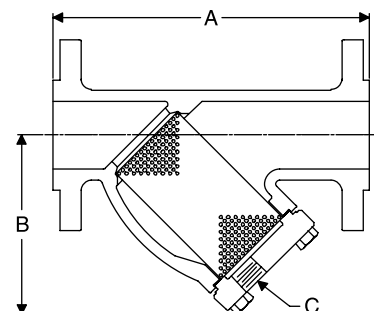
Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"



B1FL 1/2", 3/4", 1"



B1FL 1 1/4", 1 1/2", 2", 3"



B1FL 4", 6"

Table S-325-1. Materials: Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"

Connection Size in	Body	Screen Retainer	Gasket	Bolting	Standard screen
1/2", 3/4"	ASTM A216 Gr. WCB	ASTM A108 Gr. 1045	Soft Steel	N/A	304 SS 0,045" Perforated †
1"		ASTM A216 Gr. WCB	304 SS Spiral wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
1 1/4", 1 1/2", 2"				Cap Screws ASTM A193 Gr. B7	
3", 4", 6"					

† Note: Other screen materials available. See page S-321.

Table S-325-2. Physical Data: Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"

Connection Size	Ordering Code, Standard Screen	Weight	Dimensions			Maximum Pressure		Screen Retainer Type	Connections
			A	B	C	Saturated Steam	38°C non-shock		
in		kg	mm	mm	in	bar	bar		
1/2"	B1FL 150	2,3	175	68	3/8"	14	20	Threaded	Class 150 ANSI B16.5 1/16" RF
3/4"		4,5	187	75	1/2"				
1"		4,8	216	89					
1 1/4"		7,0	229	106					
1 1/2"		9,0	260	122					
2"		13,0	292	143					
3"	B1FL 150	37,0	397	208	1 1/4"	14	20	Bolted	
4"	BK1FL 150	28,0	308	277	1 1/2"				
6"		61,0	470	337	2"				
1/2"	B1FL 300	3,0	184	68	3/8"	42	51	Threaded	Class 300 ANSI B16.5 1/16" RF
3/4"		5,0	197	75	1/2"				
1"		6,0	226	89					
1 1/4"		8,0	244	106					
1 1/2"	B1FL 300	12,0	273	122	1/2"	42	51	Bolted	
2"		15,0	308	143					
3"		42,0	416	208					
4"	BK1FL 300	40,0	368	227	1 1/2"				
6"		81,0	491	337	2"				
1/2"	B1FL 600	5,0	195	68	3/8"	78	102	Threaded	Class 600 ANSI B16.5 1/4" RF
3/4"		5,4	210	75	1/2"				
1"		6,0	238	89					
1 1/4"	B1FL 600	8,5	260	106	1/2"	78	102	Bolted	
1 1/2"		13,0	287	122					
2"		16,0	324	143					
3"		43,0	435	208	1 1/4"				
4"	BK1FL 600	72,0	457	317	1 1/2"				

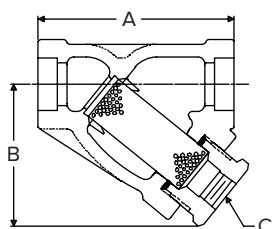
Note: For pressure/temperature ratings, see page S-324.

Shade indicates products that are CE Marked according to the PED (2014/68/UE). All the other sizes comply with the Article 4.3 of the same directive.

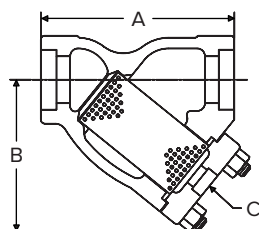
All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

Cast Chrome Moly Steel (WC6)

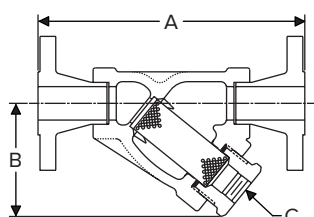
1 500 lb Screwed, Socketweld and Cl. 1 500 Flanged 1/2"- 2" Armstrong®



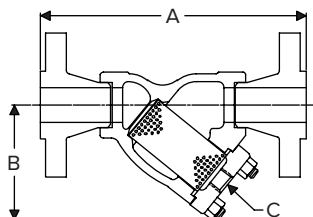
C1SC/C1SW 1/2", 3/4", 1"



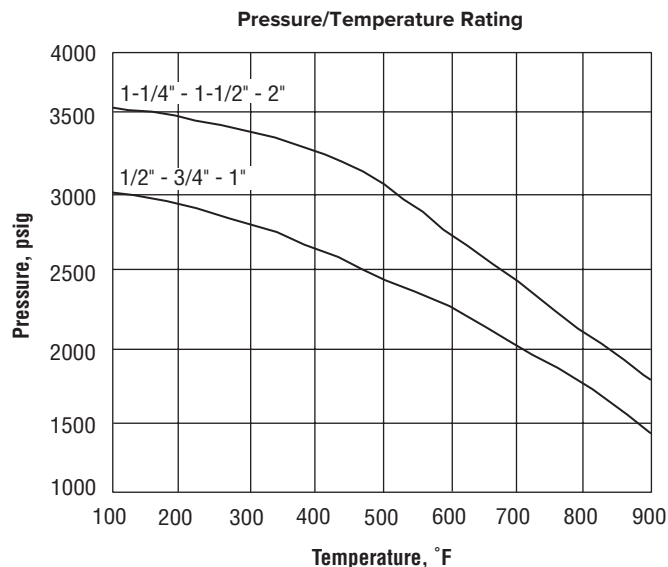
C1SC/C1SW 1-1/4", 1-1/2", 2"



C1FL 1/2", 3/4", 1"



C1FL 1-1/4", 1-1/2", 2"



For a fully detailed certified drawing, refer to list below:

C1SC/C1SW 1/2", 3/4", 1"	CD #1055
C1SC/C1SW 1-1/4", 1-1/2", 2"	CD #1056
C1FL 1/2", 3/4", 1"	CD #1057
C1FL 1-1/4", 1-1/2", 2"	CD #1058

Materials: 1 500 lb Screwed, Socketweld and Cl. 1 500 lb Flanged 1/2" - 2" (15 - 50 mm)

Connection Size		Body	Screen Retainer	Gasket	Bolting	Standard Screen
in	mm					
1/2, 3/4, 1	15, 20, 25	ASTM A217 Gr. WC6	ASTM A276	Soft Steel	N/A	304 SS .045" perforated†
1-1/4, 1-1/2, 2	32, 40, 50		ASTM A217 Gr. WC6	316L SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B16 Nuts ASTM A194 Gr. 2H	

†NOTE: Other screen materials available. See page 435.

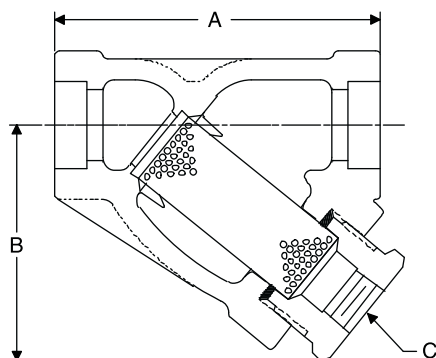
Physical Data: 1 500 lb Screwed, Socketweld and Cl. 1 500 lb Flanged 1/2" - 2" (15 - 50 mm)

Size		Ordering Code Standard Screen		Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Connections
						A		B		C		Saturated Steam		100°F (38°C) non-shock			
in	mm	Scr'd	SW	lb	kg	in	mm	in	mm	in	mm	psig	barg	psig	barg		
1/2	15	C1SC	C1SW	2-1/2	1.1	3-3/4	95	2-11/16	68	3/8	9.5	2 090	144	3 000	207	Threaded	ANSI B1.20.1 Screwed
3/4	20	C1SC	C1SW	3-1/2	1.6	4-3/16	106	2-15/16	75	1/2	15						
1	25	C1SC	C1SW	5-1/2	2.5	5	127	3-1/2	89	1/2	15						
1-1/4	32	C1SC	C1SW*	17	8	6-3/4	171	6	152	3/4	20	2 515	173	3 600	248	Bolted	ANSI B16.11 Socketweld
1-1/2	40	C1SC	C1SW*	17	8	6-3/4	171	6	152	3/4	20						
2	50	C1SC	C1SW*	25	11	8-1/4	210	7-7/16	189	1	25						
1/2	15	C1FL1500		12	5	8-1/4	210	2-11/16	68	3/8	9.5	2 090	144	3 000	207	Threaded	Class 1500 ANSI B16.5 1/4" RF
3/4	20	C1FL1500		15-1/2	7	9-3/8	238	2-15/16	75	1/2	15						
1	25	C1FL1500		22-1/2	10	10-1/4	260	3-1/2	89	1/2	15						
1-1/4	32	C1FL1500*		37	17	12-1/8	308	6	152	3/4	20	2 515	173	3 600	248	Bolted	
1-1/2	40	C1FL1500*		45	20	12-7/8	327	6	152	3/4	20						
2	50	C1FL1500*		78	35	15-5/8	397	7-7/16	189	1	25						

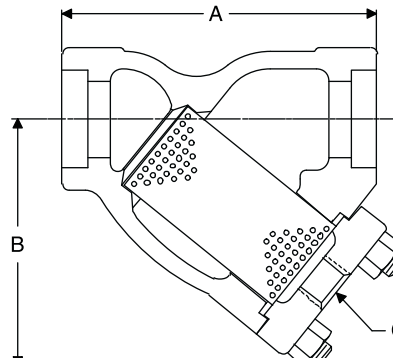
*Socketweld Blowdown Connections.

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.

Cast Stainless Steel (CF8M) 1 500 lb and 600 lb Screwed, Socketweld 1/2" - 3"



E7SC/E7SW 1/2", 3/4", 1"



E7SC/E7SW 1 1/4", 1 1/2", 2", 3"

Pressure/Temperature Rating

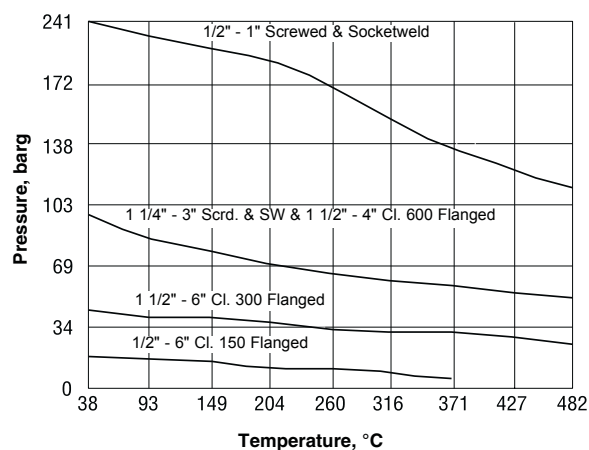


Table S-328-1. Materials: 1 500 lb and 600 lb Screwed or Socketweld 1/2" - 3"

Connections Size in	Body	Screen Retainer	Gasket	Bolting	Standard Screen
1/2", 3/4", 1"	ASTM A351 Gr. CF8M	ASTM A276	316 SS Flat	N/A	316 SS 0,045" perforated †
1 1/4", 1 1/2", 2"		ASTM A351 Gr. CF8M	304 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
3"			Non-asbestos	Cap screws ASTM A193 Gr. B7	

† Note: Other screen materials available. See page S-321.

Table S-328-2. Physical Data: 1 500 lb and 600 lb Screwed or Socketweld 1/2" - 3"

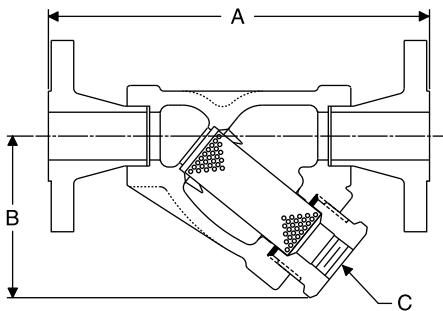
Connection Size	Ordering Code Standard Screen		Weight	Dimensions			Maximum Pressure		Screen Retainer Type	Connections
				A	B	C	Saturated Steam	38°C non-shock		
in	Screwed	SW	kg	mm	mm	in	bar	bar		
1/2"	E7SC	E7SW	1,1	95	68	3/8"	144	207	Threaded	ANSI B1.20.1 Screwed
3/4"			1,6	106	75	1/2"				
1"			3,0	127	89					
1 1/4"	E7SC	E7SC	4,0	140	106	1/2"	64	99	Bolted	ANSI B16.1 Socketweld
1 1/2"			5,0	160	122					
2"			9,0	197	143					
3"			23,0	289	208	1 1/4"				

Shade indicates products that are CE Marked according to the PED (2014/68/UE). All the other sizes comply with the Article 4.3 of the same directive.

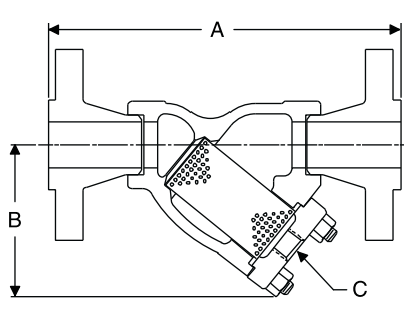
All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

Cast Stainless Steel (CF8M)

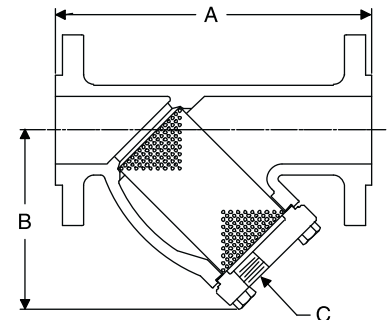
Cl. 150, 300 Flanged 1/2" - 6" and Cl. 600 Flanged 1/2" - 4"



E7FL 1/2", 3/4", 1"



E7FL 1 1/2", 2", 3"



E7FL 4", 6"

Table S-329-1. Materials: Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"

Connection Size in	Body	Screen Retainer	Gasket	Bolting	Standard Screen
1/2", 3/4", 1"	ASTM A351 Gr. CF8M	ASTM A276	316 SS Flat	N/A	316SS 0,045" perforated †
1 1/2", 2"		ASTM A351 Gr. CF8M	304 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B7 Nuts ASTM A194 Gr. 2H	
3", 4", 6"			Non-asbestos	Cap Screws ASTM A193 Gr. B7	

† Note: Other screen materials available. See page S-321.

Table S-329-2. Physical Data: Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"

Connection Size	Ordering Code, Standard Screen	Weight	Dimensions			Maximum Pressure		Screen Retainer Type	Flanges
			A	B	C*	Saturated Steam	38°C non-shock		
in		kg	mm	mm	in	bar	bar		
1/2"	E7FL 150	2,3	175	68	3/8"	14	19	Threaded	ANSI B16.5 1/16" RF
3/4"		4,5	187	75	1/2"				
1"		5,0	213	89					
1 1/2"		9,0	257	122					
2"		11,0	292	143					
3"	E7FL 150	25,0	397	208	1 1/4"	14	19	Bolted	
4"	EK7FL 150	28,0	308	227	1 1/2"				
6"		61,0	470	337	2"				
1/2"	E7FL 300	3,0	184	68	3/8"	34	50	Threaded	ANSI B16.5 1/16" RF
3/4"		4,3	197	75	1/2"				
1"		6,0	226	89					
1 1/2"	E7FL 300	10,0	273	122	1/2"	34	50	Bolted	
2"		15,0	308	143					
3"		34,0	416	208					
4"	EK7FL 300	40,0	368	227	1 1/2"	64	99	Bolted	
6"		81,0	491	337	2"				
1/2"	E7FL 600	4,0	195	68	3/8"	64	99	Threaded	ANSI B16.5 1/4" RF
3/4"		4,3	210	75	1/2"				
1"		6,0	238	89					
1 1/2"	E7FL 600	12,0	287	122	1/2"	64	99	Bolted	
2"		14,0	324	143					
3"		34,0	435	208					
4	EK7FL 600	72,0	457	317	1 1/2"				

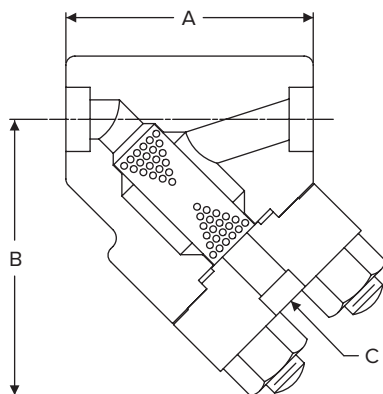
Note: For pressure/temperature ratings, see page S-328.

Shade indicates products that are CE Marked according to the PED (2014/68/UE). All the other sizes comply with the Article 4.3 of the same directive.

All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.

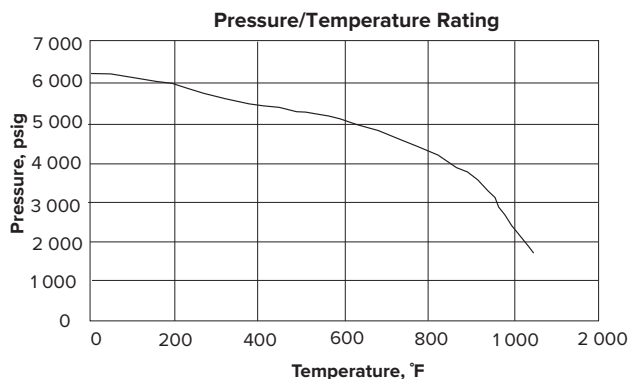
Forged Steel (F22)

2 500 lb Socketweld 1/2" - 2"



D1SW 1/2" - 2"

For a fully detailed certified drawing, refer to CD #1059.



Materials: 2 500 lb Socketweld 1/2" - 2" (15 - 50 mm)

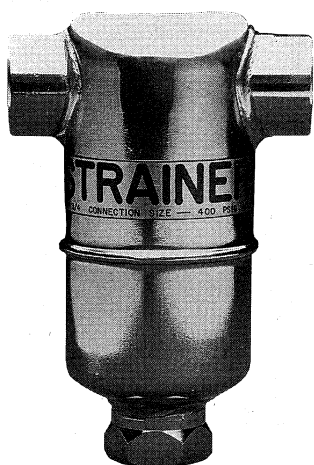
Connection Size		Body	Screen Retainer	Gasket	Bolting	Standard Screen
in	mm					
1/2, 3/4, 1, 1-1/4, 1-1/2, 2	15, 20, 25, 32, 40, 50	ASTM A182 Gr. F22	ASTM A182 Gr. F22	347 SS Spiral Wound Non-asbestos	Studs ASTM A193 Gr. B16 Nuts ASTM A194 Gr. 2H	304 SS .045" perforated*

*NOTE: Other screen materials available. See page 435.

Physical Data: 2 500 lb Socketweld 1/2" - 2" (15 - 50 mm)

Size		Ordering Code, Standard Screen	Weight		Dimensions						Maximum Pressure				Screen Retainer Type	Connections
					A		B		C*		Saturated Steam		100°F (38°C) non-shock			
in	mm		lb	kg	in	mm	in	mm	in	mm	psig	barg	psig	barg		
1/2	15	D1SW	26	12	5-1/8	130	5-5/8	143	1/2	15	2 500	172	6 000	414	Bolted	ANSI B16.11 Socketweld
3/4	20															
1	25															
1-1/4	32		56	25	6-5/8	168	7-3/8	187								
1-1/2	40															
2	50															

*Socketweld blowdown connections for 1/2" (15 mm) pipe.



**T-Type
Stainless Steel
Strainer**



Armstrong

T-Type Stainless Steel Strainer

For steam and refrigeration systems

Protect your refrigeration or steam system by catching particles before they can harm valves or other sensitive equipment. Armstrong's T-Type Strainer removes solids from the liquid or gas flowing in your pipelines.

All Stainless Steel Construction

The proven thin wall stainless steel construction of Armstrong's T-Type Strainer gives you the following benefits:

- High resistance to corrosion.
- Lightweight.
- High resistance to damage from freezing.
- A body design which allows for a larger open screen area.
- Low temperature capability.

Easier Maintenance

The retainer design of Armstrong's T-Type Strainer provides easier maintenance. A stainless steel retainer wire holds the strainer screen in place. This retainer is easily accessible through the strainer blowdown connection. For cleaning or replacement, the screen may be easily removed with a pair of pliers.

Three-Year Guarantee

Armstrong's T-Type Strainer comes with a three-year guarantee against defective materials, workmanship, and failure due to wear.

Armstrong's T-Type Strainer is ideal for use in refrigeration systems, corrosive environments, and applications where sanitary conditions must be maintained, or any application where stainless steel strainers are required.

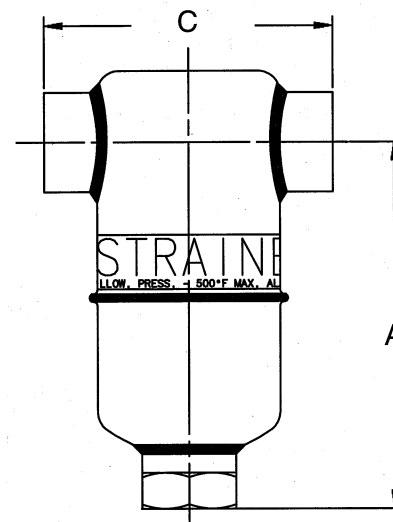
Armstrong also manufactures Y-Type Strainers in a wide choice of sizes and materials to meet the bulk of all pipeline straining requirements. For more information on strainers for your application, contact your Armstrong Representative.

T-Type Stainless Steel Strainer

Physical Data				
	in	mm	in	mm
Pipe Connections	1/2	15	3/4	20
"A" (Bottom to \varnothing)	5	127	5-1/16	129
"B" (Height)	5-7/8	149	6-1/16	154
"C" (Width)	4	102	4	102
Weight lb. (kg)	1-5/8	.73	1-7/8	.85
Perforation Size	.045" perforated*			
Total Screen Area sq. in.	8.2			
Percentage of Open Area of Screen	37%			
Ratio of Open Area of Screen to Inside Area of Pipe	10.1		7.26	
Maximum Operating Pressure	400 psig (27 bar) @ 500°F (260°C)			

* For other screen options, consult factory.

List of Materials	
Body	T304L Stainless Steel
Screen (T1SC) .045 perforated	T304 Stainless Steel
Screen Retainer Wire	T316 Stainless Steel



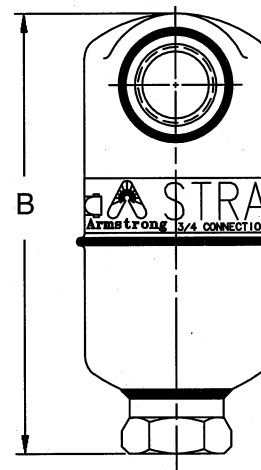
Ordering

When ordering, designate T1SC-1/2" for 1/2" NPT connections or T1SC-3/4" for 3/4" NPT connections.

Installation Guidelines

Selection or installation of equipment should always be accompanied by competent technical assistance. We encourage you to contact Armstrong or its local Representative if further information is required.

1. Clean all threaded areas of pipe thoroughly before installing strainer. Use pipe dope or teflon sparingly. Leave the end thread exposed to avoid introducing the sealant into the system.
2. The strainer can be installed in either the horizontal or vertical down position. **Note: The flow arrow on the top of the strainer must correspond to the direction of fluid flow in the system.**
3. When installing the strainer, leave a 12 inch clearance at the blowdown connection for screen removal.
4. **NOTE: Install a pipe plug or blowdown valve (not included) in the blowdown connection of the strainer.**



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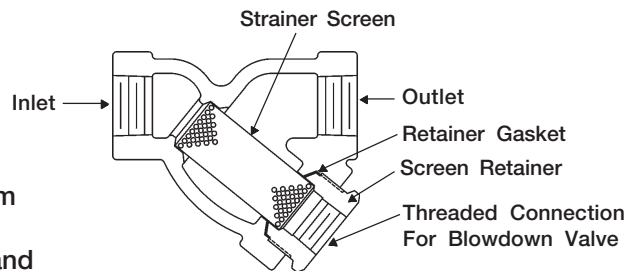


Installation and Maintenance

For Y-Type Strainers

A strainer is a device which provides a means of mechanically removing solids from a flowing fluid or gas in a pipeline by utilizing a perforated or mesh straining element.

To ensure against untimely shutdown of equipment, strainers should be installed ahead of pumps, loading valves, control valves, meters, steam traps, turbines, compressors, solenoid valves, nozzles, pressure regulators, burners, unit heaters and other sensitive equipment.



INSTALLATION

Clean all threaded areas of pipe thoroughly before installing strainer. Use pipe dope or teflon tape sparingly. Leave the end thread exposed to avoid introducing the sealant into the piping system. The strainer can be installed in the horizontal or vertical down position.

CAUTION: When installing socket weld strainers 1-1/4" size and larger, and all D-Series strainers, be aware the strainer has a non-metal gasket that can be damaged by excessive heat. Try to minimize welding time, and cool the strainer after welding. If pre- and post-weld heating is needed (as for the D-Series), removing the gasket may be advisable.

OPERATION AND MAINTENANCE

After the initial operation of the system, the strainer should be blown down to remove any installation debris caught in the screen. Repeat the blowdown procedure on a regular schedule thereafter. Frequency of blowdown depends on the operating conditions to which the strainer is subjected. If no blowdown valve is to be used, the strainer can be cleaned by removing the screen retainer and screen. **CAUTION: ALWAYS ISOLATE THE STRAINER FROM THE PRESSURIZED SYSTEM BEFORE OPENING TO CLEAN. USE A NEW GASKET WHEN REASSEMBLING THE STRAINER.** The strainer screen should be inspected one to two times per year. Recommended spare parts are one screen and three gaskets per strainer.

ORDERING REPLACEMENT PARTS

To order replacement strainer screens, state connection size of strainer, screen material and type of perforation or mesh. See screen specification chart. When ordering replacement screens for flanged strainers, state flange rating.

To order replacement strainer gaskets or retainers, state type of connection (screwed, socket weld, butt weld, or flanged), connection size and body material of strainer. Contact your Armstrong Representative if further assistance is required.

How To Order Armstrong Strainer Replacement Screens and Gaskets

To order, specify strainer size, full details on connections and screen specifications required, or use the ordering code provided.

Available Strainer Screen Materials

Screen Specification		Particle Retention (in)	Back-Up Screen Required	Materials			
				304 SS	Monel	Brass	316 SS
Perforated	1/64"	0.016	3" - 10"	Code 10	Code 18	—	—
	1/32"	0.031	None	Code 11	Code 19	—	Code 31
	.045" (3/64)	0.045	None	Code 1	Code 3	Code 4	Code 7
	1/16"	0.062	None	Code 12	Code 20	—	Code 32
	1/8"	0.125	None	Code 8	Code 21	Code 28	Code 33
	3/16"	0.188	None	Code 13	Code 22	—	Code 34
	1/4"	0.25	None	Code 14	Code 23	—	Code 35
Mesh	20 x 20	0.034	*6" - 10"	Code 15	Code **5	—	—
	24 x 110	0.0056	5" - 10"	—	Code 24	—	Code 2
	30 x 30	0.020	None	Code 41 (1)	—	—	—
	40 x 40	0.015	1-1/2" - 10"	Code 16	Code 6	—	Code 37
	100 x 100	0.0055	All Sizes	Code 9	Code 25	—	Code 38
	200 x 200	0.0029	All Sizes	Code 17	—	—	Code 39
	150 x 150	0.0041	All Sizes	Code 40	—	—	—

* Except 6" — 125 lb. cast iron.

** On Code 5 — 2-1/2" thru 10" require back-up screens

Shading indicates available screens for CA Series Strainers.

(1) 30 x 30 304 SS mesh screens only available for CA series strainers

Replacement Gaskets Standard Replacement Gaskets for Strainers

Strainer Size (in)	Cast Iron	Carbon Steel	Chrome Moly Steel	Bronze	T-316 Stainless Steel	Forged Steel
	"A" Part No.	"B" Part No.	"C" Part No.	"F" Part No.	"E" Part No.	"D" Part No.
3/8"	A4469	—	—	—	—	—
1/2"	A4469	A4469	A4469	A6252A	A4469A	A6254
3/4"	A4470	A4470	A4470	A6253A	A4470A	A6254
1"	A4471	A4471	A4471	A6255A	A4471A	A6254
1-1/4"	A6256	A6257A	A6258A	A6256A	A6257A	A6259
1-1/2"	A6267B	A6262	A6258A	A6267A	A6262	A6259
2"	A6263	A6264	A6265A	A6263A	A6264	A6259
2-1/2"	A21274-1	A21274-1	—	—	A21274-1	—
3"	A21340-1	A21340-1	—	—	A21340-1	—
4"	A22106-1	A22106-1	—	—	A22106-1	—
5"	A21343-1	A21343-1	—	—	—	—
6"	A22049-1	A22049-1	—	—	—	—
8"	A21427-1	A21427-1	—	—	—	—
10"	A21432-1	—	—	—	—	—

Strainer Repairs For CA Cast Iron Strainers Only

Strainer Size (in)	Blowdown Plug		Retainer Gasket
	Part No.	Size (in)	Part No.
1/2"	A6002A	3/8"	A19251
3/4"	A6003A	1/2"	A19251
1"	A6003A	1/2"	A19252
1-1/4"	A6003A	1/2"	A6256
1-1/2"	A6003A	1/2"	A19253
2"	A6003A	1/2"	A19254

K1SC, K1SW, N1SC and N1SW Replacement Screen Assemblies

1/2"	.045 Perf. 304 Stainless Steel Screen Assy	C1823-2
3/4"	.045 Perf. 304 Stainless Steel Screen Assy	C1823-4
1"	.045 Perf. 304 Stainless Steel Screen Assy	C1823-5

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