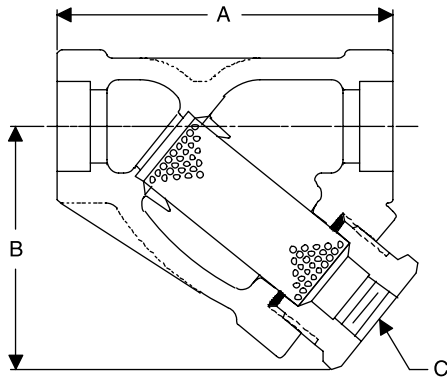
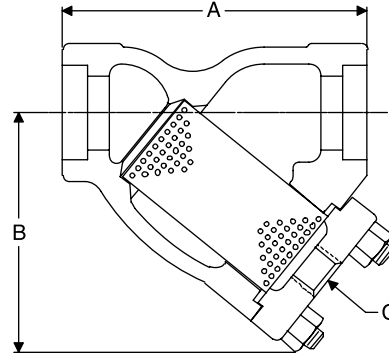




# Cast Carbon Steel (WCB) 600 lb and 900 lb Screwed or Socketweld 1/2" - 3"

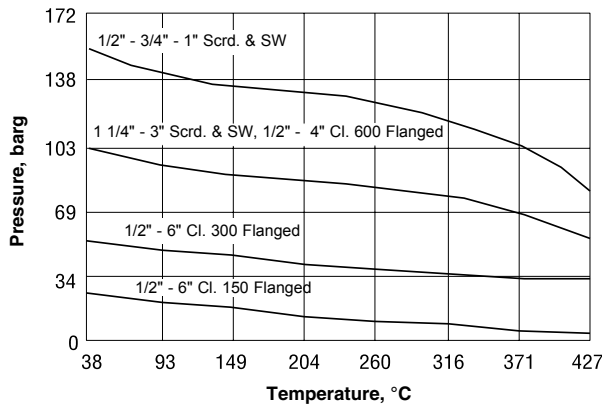


900 lb – B1SC/B1SW 1/2", 3/4", 1"



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

### Pressure/Temperature Rating



Strainers

**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.

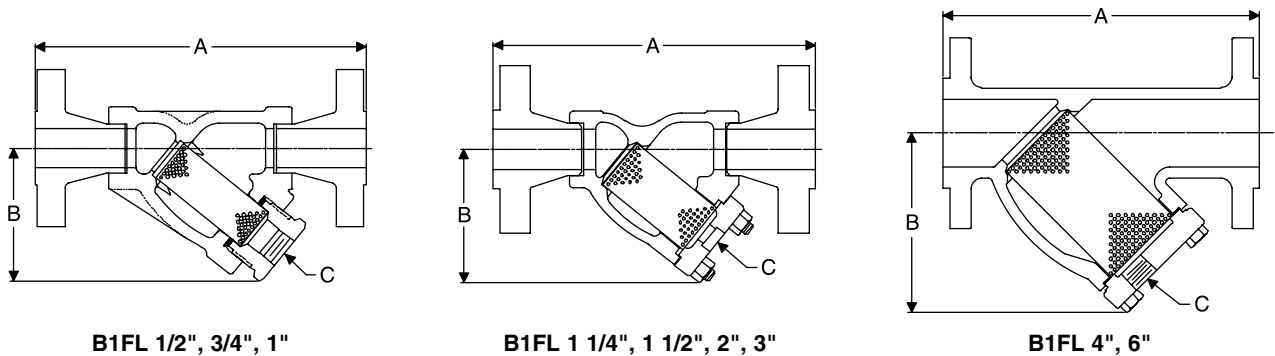
**Table S-324-2. Physical Data: 600 lb and 900 lb Screwed or Socketweld 1/2" - 3"**

Connection Size in	Ordering Code Standard Screen		Weight kg	Dimensions			Maximum Pressure		Screen Retainer Type	Connections
	Screwed	SW		A	B	C	Saturated Steam bar	38°C non-shock 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	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.**

# Cast Carbon Steel (WCB) Class 150, 300 Flanged 1/2" - 6" and Class 600 Flanged 1/2" - 4"



**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"			Non-asbestos	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 in	Ordering Code, Standard Screen	Weight kg	Dimensions			Maximum Pressure		Screen Retainer Type	Connections
			A mm	B mm	C in	Saturated Steam bar	38°C non-shock 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"		4,8	216	89					
1 1/4"		7,0	229	106					
1 1/2"		9,0	260	122					
2"	13,0	292	143				Bolted		
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"		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"	42	51	Bolted	
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"		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					
4"		BK1FL 600	72,0	457					

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.**