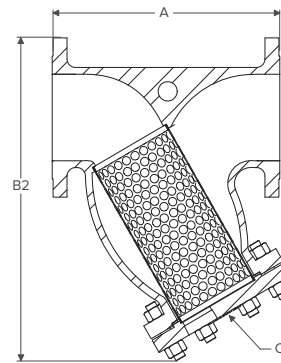


YCS-B 2"-12" (Bolts)



YCS-B 2"-12" (Studs)

Materials: Class 150, 300, and 600 Flanged 2" - 12" (50 - 300 mm)

Connection Size		Body	Screen Retainer	Gasket	Bolting (B ₁) / Studs (B ₂)	Standard Screen
in	mm					
2 - 12	50 - 300	ASTM A216 Gr. WCB	ASTM A105N	304 SS Spiral Wound Graphite	Bolts / Studs ASTM A193 Gr. B7 Nuts ASTM A194 2H Zinc Plated	304 SS .045" perforated [*]

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

Physical Data: Class 150, 300, and 600 Flanged 2" - 12" (50 - 300 mm)

Size		Weight		Dimensions								Maximum Pressure				Screen Retainer Type	Flanges
				A		B ₁ (bolts)		B ₂ (studs)		C		Saturated Steam		100°F (38°C) non-shock			
in	mm	lb	kg	in	mm	in	mm	in	mm	in	mm	psig	barg	psig	barg		
2	50	40	18	8	203	8-3/32	205	8-19/32	218	1/2	15	205	14	285	20	Bolted	Class 150 ANSI B16.5 1/16" RF
3	80	55	25	9-1/2	241	9-19/32	245	9-29/32	252	1	25						
4	100	104	47	11-1/2	292	11-19/32	294	11-15/16	303	1-1/2	40						
6	150	173	78	16	406	16-13/32	417	17	432	2	50						
8	200	299	135	19-1/2	495	20-13/16	529	21-1/4	540								
10	250	458	208	24-1/2	622	24-19/32	625	25-1/8	638								
12	300	767	348	27-1/2	699	29	736	29-19/32	752								
2	50	45	21	10-1/2	267	8-7/32	207	8-1/2	216	1/2	15	605	42	740	51	Bolted	Class 300 ANSI B16.5 1/16" RF
3	80	77	35	12-1/2	318	10-3/32	256	10-13/32	264	1	25						
4	100	135	61	14	356	11-13/16	300	12-7/32	310	1-1/2	40						
6	150	254	115	17-1/2	445	16-23/32	424	17-1/8	435	2	50						
8	200	446	202	22	559	21-13/32	543	21-7/8	555								
10	250	650	295	24-1/2	622	25-7/32	639	25-10/16	651								
12	300	981	445	28	711	29-13/16	757	30-11/32	771								
2	50	64	29	11-1/2	292	9-3/32	230	9-13/32	239	1/2	15	1135	78	1480	102	Bolted	Class 600 ANSI B16.5 1/4" RF
3	80	106	48	14	356	11-7/32	284	11-23/32	298	1	25						
4	100	211	96	17	432	13-1/2	342	14	356	1-1/2	40						
6	150	453	205	22	559	19-7/32	487	19-23/32	501	2	50						
8	200	721	327	26	660	23	585	24-1/4	603								
10	250	1227	556	31	787	27-13/16	707	28-15/32	723								
12	300	1663	754	33	838	32-29/32	835	33-10/16	854								

NOTE: For pressure/temperature ratings, see page 438.