


TITAN

BASKET STRAINERS • FLANGED ENDS

Class 150, Cast Steel, 316 SS & Alloys



Model BS85-SS

STAINLESS STEEL - 316

Model BS85-CS

CARBON STEEL - WCB

SIZES 2" THRU 12"

APPLICABLE STANDARDS

Shell Wall Thickness	ANSI B16.34
Pressure Temperature Rating	ANSI B16.34
End Flanges	ANSI B16.5

Features:

- Top Removal of Basket Screen
- Bolted Cover
- Bow-shaped Basket Handle Assures Tight Seal
- Bosses at Inlet and Outlet Flanges Provided for Gauge Taps
- Bottom Drain/Blow-off Connections Comes Standard with Plug Furnished
- Optional Open Bottom Basket Design Allows for Automatic or Manual Blow-off Valve
- Straight Flow Through, with an Open Area that is Actually Many Times Greater than Pipe Size, Assures Very Minimal Pressure Loss
- Epoxy Coated Body is Standard
- Size 6" and Larger Are Provided With Legs to Enable them to Stand Free on Floor or Be Secured by Floor Bolts.

***Ideal Design for Applications Where Easy Maintenance
And Large Capacity are Required***



TITAN FLOW CONTROL
LUMBERTON, NC USA

BASKET STRAINER
FLANGED ENDS
MODEL BS85-CS & BS85-SS

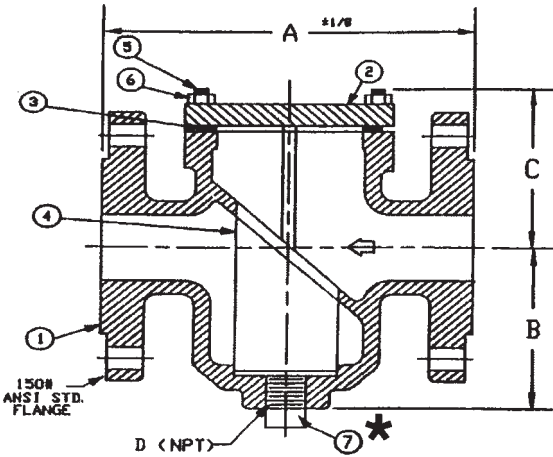
RATING:
ANSI
150 lbs.

BILL OF MATERIALS / PARTS LIST

No.	Name	Stainless BS85-SS	Carbon BS85-CS
1	Body	CF8M-A351	WCB-A216
2	Cover	CF8M-A351	WCB-A216
3	Gasket*	Spiral Wound SS Non Asbestos	
4	Basket*	S S	S S
5	Studs	Y316-SS	A193-B7
6	Nuts	T316-SS	A194-2H
7	Plug	T316-SS	Steel

* Recommended spare parts

- Steam Jacketed Design Available - C/F
- Special Materials Available - C/F
- Quick Opening Covers Available - C/F
- Drain Connection Furnished with Plug is Standard
- Sizes 6" and Larger are Provided with Legs to enable them to stand free on the floor or be secured by floor bolts. Call Factory for Dimensions.
- Larger Sizes on Request, Consult Factory
- Model BS66-CI - ANSI Class 300 Available, C/F
- Both Body and Cover are in Accordance with ASME B16.6 and B16.34



DIMENSIONS

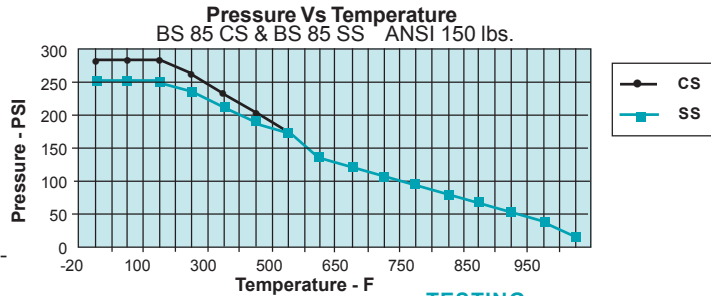
SIZE	In	2	2-1/2	3	4	5	6	8	10	12
	m m		50	65	80	100	125	150	200	250
A	In	8.50	8.00	8.75	11.188	12.50	13.875	17.375	21.625	25.00
	m m	216	203	222	284	311	352	441	549	635
B	In	5.875	5.438	5.25	7.875	10.25	12.50	15.125	16.00	23.75
	m m	149	138	133	200	311	318	384	406	603
C	In	4.75	4.25	5.50	6.00	5.625	5.812	7.312	10.375	12.375
	m m	121	108	140	152	143	148	186	263	314
D	In	0.50	0.75	0.75	1.00	1.00	1.25	1.50	1.50	2.00
	m m	13	19	19	25	25	32	38	38	50
WEIGHTS										
	Lbs.	34	34	46	70	108	168	234	402	692
	Kg.	15.4	15.4	20	31	49	76	106	182	314

BASKET SELECTIONS:

Sizes	Steam	Liquid	Open Area
2" to 3"	3/64 (.045)	1/16 (.062)	36% 37%
4" to 12"	30 mesh lined	1/8" (.1265)	41% 40%

Flanged Facing with ASME B16.5
150 and 300 Pound **Steel Flanged Strainers** are regularly furnished with 1/16 inch high raised face.

- CS not recommended for prolonged use above 800°F
- SS not recommended for prolonged use above 1000°F



Steam
150 PSI @ 565°F
10.3 BAR @ 296°C
Lower Temp. -20°F

M.A.W.P. - Nonshock
Liquids
285 PSI @ 100°F
19.6 BAR @ 37.8°C

TESTING:

All strainers are individually, hydrostatically tested in accordance with ANSI test specifications.

Ordering Code _____
Size _____
Customer/Project _____
Inq./P.O. No. _____
Titan Order No. _____
Certified Correct By _____ Date _____



TITAN FLOW CONTROL, INC.

Basket Strainer • Flanged Ends
BS85 - CS & SS

Series	Size	Part No.	Material Trim Code	Drawing No.
				BS85-CS/SS