

FSI-FBSB SERIES SIMPLEX BASKET STRAINER WITH SWING BOLT COVER

FBSB SERIES



Inlet/Outlet Size RF Flange	(1")	(1 1/2")	(2")	(2 1/2")	(3")	(4")	(6")	(8")
Housing Pipe Size:	3.00"	3.00"	6.00"	6.00"	8.00"	8.00"	10.00"	12.00"
Basket Diameter:	2.125"	2.125"	4.75"	4.75"	6.375"	6.375"	7.5"	9.00"
Basket Length:	3.31"	3.31"	11.00"	11.00"	13.375"	14.875"	17.875"	22.125"
Drain Size:	3/4"	3/4"	1"	1"	1 1/2"	1 1/2"	2"	2"
A	9.63"	9.88"	12.75"	12.75"	14.00"	16.00"	20.00"	22.00"
B	3.33"	4.00"	4.50"	5.00"	5.25"	6.00"	7.13"	8.50"
C	6.75"	8.13"	11.13"	11.13"	12.50"	14.00"	17.00"	21.00"
D	5.00"	6.00"	7.00"	7.38"	9.25"	10.25"	15.13"	19.88"
E	11.50"	12.88"	9.63"	10.13"	11.50"	19.25"	25.38"	31.50"

Pressure Drop Calculation

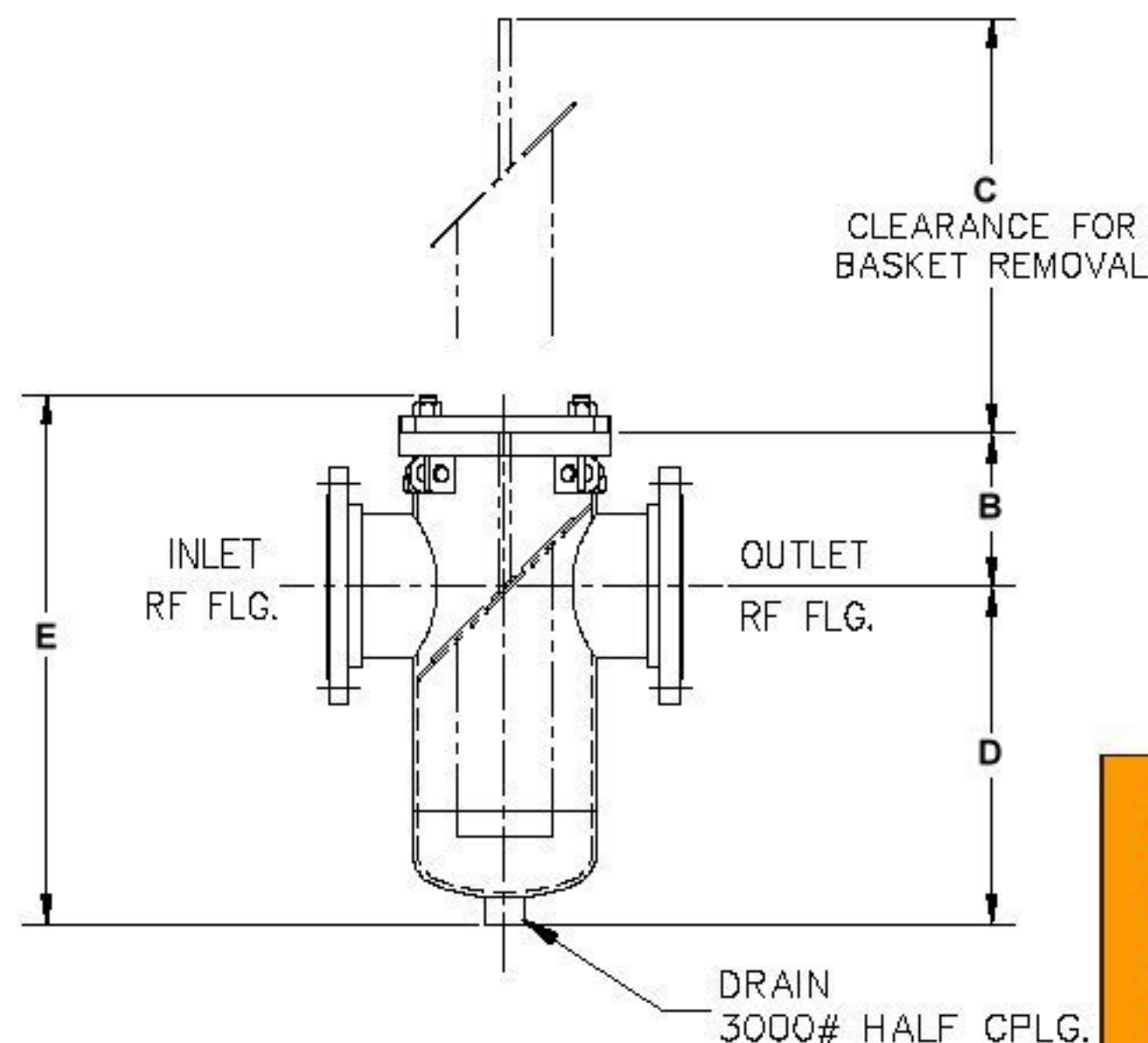
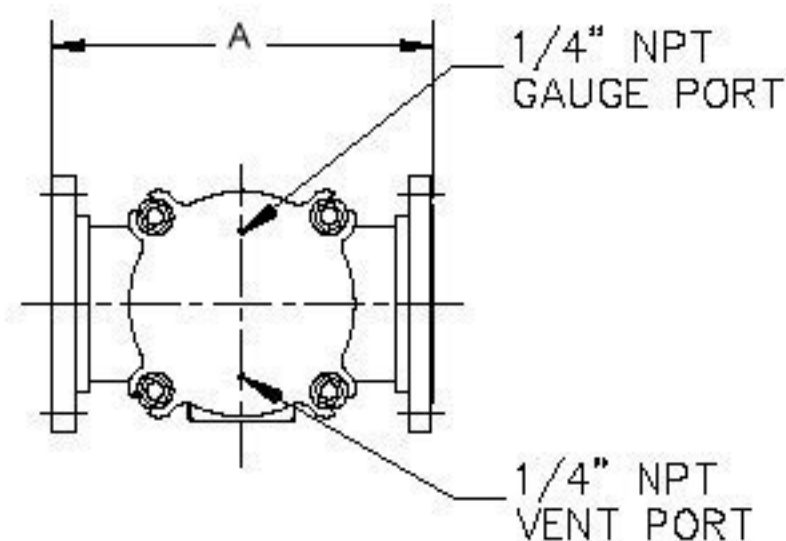
$$\Delta P = \left[\frac{Q}{C_v} \right]^2$$

ΔP = Pressure Drop (psi)
 Q = Flow Rate (gpm)
 C_v = Flow Coefficient

Cv Factors*

Flange Size	(1")	(1 1/2")	(2")	(2 1/2")	(3")	(4")	(6")	(8")
	23	48	75	126	185	350	910	1425

*Water with Clean Perforated Basket



FBSB SERIES

CREATING YOUR MODEL

Ordering is easy when you follow the Model Number Builder below. Reading from left to right, select which specifications you require and fill in the box with the code for that option.

FBSB

This portion of the model is already completed for you.



Material

A 304L
B 316L
C Carbon Steel
D H-C276
E Titanium



Basket Material

A 304L
B 316L
C H-C276
D Titanium



Mesh Lining

Insert Desired
 3 or 4-digit
 Mesh Size
Example:
 100 = 100 mesh
 050 = 50 mesh
 1250 = 1250 mesh
Blank - No Lining,
 Standard 1/32"
 Perforated 316
 Basket



Inlet/Outlet Connection**

A 1" NPTF
B 1 1/2" NPTF
C 2" NPTF
D 3" NPTF
E 1" RF Flange
F 1 1/2" RF Flange
G 2" RF Flange
H 3" RF Flange
I 4" RF Flange
J 6" RF Flange
K 8" RF Flange



ID/OD Finish

1 Stock Material
2 Stock Material/
 Electropolish
3 Bead Blast
4 Primed/Painted



O-Ring Material

E EPDM
S Silicon
V Viton
VT PTFE
 Encap. Viton
T PTFE, Teflon
B Buna
ST PTFE Encap.
 Silicon



ASME Design

1 ASME
 Code
2 ASME
 Code with
 Stamp
3 ASME
 Code with
 Stamp & NB Reg.



Design Pressure

1- 150psi
3- 300psi



Jacket

J - Steam jacket
I - Insulation



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