



DESIGN FEATURES

- IRON STRAINERS ARE EQUIPPED WITH FF FLANGES (SERIES B125F) IN ACCORDANCE WITH ASME B16.1.
- STRAINER BODY MEETS APPLICABLE ASME/ANSI STANDARD.
- ALL STRAINERS EQUIPPED WITH A YOKE COVER THAT UTILIZE AN O-RING GASKET SEAL.
- STRAIGHT THRU FLOW IS ACCOMPLISHED BY AN ANGULAR BASKET DESIGN.
- STANDARD BASKET CONSTRUCTION IS 304 SS PERFORATED PLATE.
- RECOMMENDED MINIMUM STRAINING LEVEL IS 250 MICRONS.
- N.P.T. DRAIN CONNECTION FURNISHED WITH PLUG.
- RECOMMENDED FOR INSTALLATION IN HORIZONTAL PIPLINES.

PARTS LIST AND STANDARD MATERIALS

ITEM	DESCRIPTION	SPECIFICATIONS
1	BODY	A126-B CAST IRON
2	COVER	A516-70 PLATE OR EQUAL
3	SCREEN (1)	304 SS
4	PLUG	A126-B CAST IRON
5	GASKET (1)	BUNA-N O-RING
6	YOKE COVER	A126-B CAST IRON

NOTE 1 Recommended spares.

STANDARD SCREENS

SIZE RANGE	OPENING
2" - 4" 50mm - 100mm	0.063" 1.6mm
6" - 12" 150mm - 300mm	0.125" 3.2mm

UPPER PRESSURE LIMITS (NON-SHOCK)

IFC SERIES	BODY MATERIAL	M.A.W.P. PSIG (BARS)
B125FIYI	A126-B	200 (13.79)

NOTE Pressure-temperature ratings in accordance with ASME B16.1. Temperature limited by seal material.

UPPER TEMPERATURE LIMITS

SEAL MATERIAL	UPPER LIMIT °F (°C)
BUNA-N	212 (100)

LOWER TEMPERATURE LIMITS

BODY MATERIAL	LOWER LIMITS °F (°C)
A126-B	-20 (-28.9)

IFC SERIES B125FIYI DIMENSIONAL DATA

SIZE in/mm	A in/mm	B in/mm	C in/mm	D in/mm	E in/mm	F in/mm	G in/mm	H N.P.T. in/mm	Weight lb/kg
2	2.00	8.63	4.32	11.25	5.50	4.00	11.75	1/2	23
50	51	219	110	286	140	102	298	15	10
2-1/2	2.50	7.56	3.78	10.13	5.50	4.50	13.25	3/4	33
65	64	192	96	257	140	114	337	20	15
3	3.00	8.75	4.38	11.75	4.75	5.00	15.38	3/4	44
80	76	222	111	298	121	127	391	20	20
4	4.00	11.13	5.56	14.38	7.63	6.00	17.75	1	67
100	102	284	141	365	194	152	451	25	30
5	5.00	12.25	6.13	14.56	8.11	7.68	16.25	1	95
125	127	311	156	368	206	195	413	25	43
6	6.00	14.00	7.00	17.50	9.88	10.00	23.00	1	120
150	152	356	178	444	251	254	284	25	54
8	8.00	17.13	8.56	23.50	14.00	12.00	30.00	1-1/2	220
200	203	435	218	597	356	305	762	40	100
10	10.00	22.00	11.00	26.50	15.50	15.00	35.50	1-1/2	353
250	254	559	279	673	394	381	902	40	160
12	12.00	25.25	12.63	37.00	22.00	18.00	42.50	1-1/2	523
300	305	641	321	940	559	457	1080	40	237

NOTES 1. Vents are optional., 2. Dimension "B" is ± 0.13 ". 3. Dimensions shown are subject to change. Consult factory for certified prints when required.

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