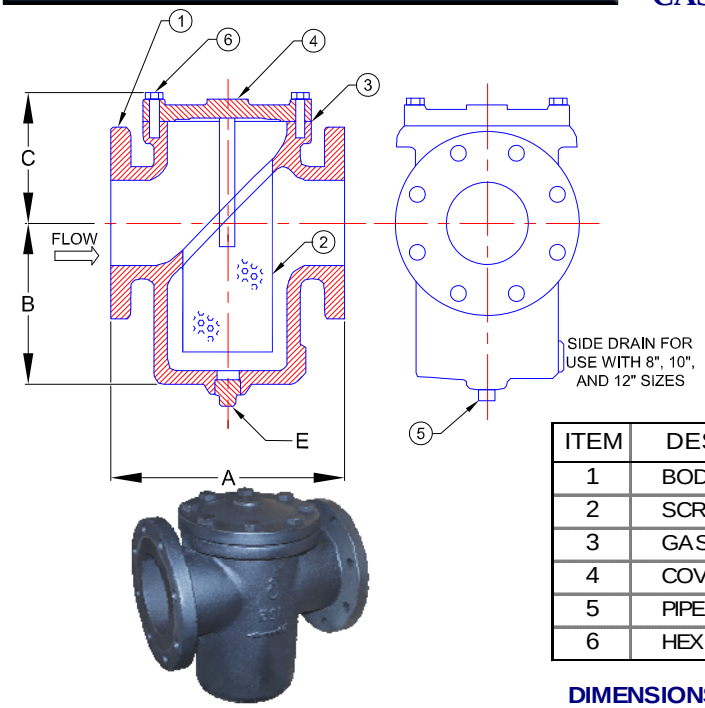
BIFD1 & BIFD2

BASKET STRAINER, 125# & 250# FLANGES
CAST IRON (ASTM A 126 CLASS B)



STANDARD SCREENS

SIZE (in)	SCREEN PERFORATION			
	STEAM		LIQUID	
	(in)	OPEN AREA	(in)	OPEN AREA
2 to 3	3/64	33%	1/16	30%
4 to 12	1/16	30%	1/8	43%

The default standard screens are for liquid service unless specified. Many other options are available.

PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1	BODY	CAST IRON (ASTMA A 126 CLASS B)
2	SCREEN (BASKET)	STAINLESS STEEL (304)
3	GASKET	COMPOSITION
4	COVER	CAST IRON (ASTMA A 126 CLASS B)
5	PIPE PLUG	MALLEABLE IRON
6	HEX HEAD CAP	STEEL

DIMENSIONS & WEIGHT

SIZE (in)	A		B		C		E		WT (lbs)	
	125#	250#	125#	250#	125#	250#	125#	250#	125#	250#
2	8	8-1/2	6	3-7/8	3-1/2	5-1/4	3/4	1/2	23	29
2-1/2	8-1/4	9-1/4	7	5-3/4	3-3/4	5-1/4	3/4	3/4	33	53
3	9-3/4	9-1/2	8-1/4	5-3/4	4-1/4	5-1/4	3/4	3/4	44	65
4	11-1/2	11-13-16	9	8-9/16	4-3/4	6	1	1	67	107
5	13-1/8	15-3/8	9-3/4	10-1/2	6	7-3/4	1	1	88	187
6	14-3/4	15-1/2	10-1/2	10-1/2	6-1/4	7-3/4	1	1	120	224
8	18-1/2		12-3/4		9		1-1/2			
10	20-1/8		14-3/4		10-3/4		1-1/2			
12	26-1/4		17-1/2		13-1/2		2			
14	30-1/4		23-1/4		14-1/4		3			
16	33-1/8		24-1/4		15		3			

FLOW COEFFICIENTS

SIZE (in)	Cv	SIZE (in)	Cv
2	43	8	1486
2-1/2	78	10	3052
3	120	12	4981
4	277	14	7985
5	443	16	9655
6	743		

SCREEN AREA (150#)

SIZE (in)	SQ IN	SIZE (in)	SQ IN
2	30	8	310
2-1/2	46	10	458
3	78	12	691
4	109	14	1142
5	143	16	1429
6	177		

See elsewhere for calculating Net Free Area.

PRESSURE VS. TEMPERATURE

