



STYLE DV – WITH
OPEN BOTTOM BASKET

BIT1

**Basket Strainer, 250 lb. Threaded
Cast Iron (ASTM A 126, Class B)**

PARTS LIST

ITEM	DESCRIPTION	MATERIAL
1	BODY	CAST IRON (ASTM A 126, CLASS B)
2	COVER CAP*	MALLEABLE IRON
3	SCREEN (BASKET)	STAINLESS STEEL (304)
4	PIPE PLUG	CAST IRON

*2" SIZE HAS A BOLTED CAP WITH GASKET.

STANDARD SCREENS SUPPLIED

SIZE		SCREEN GAGE	SCREEN PERFORATION					
in	mm		FOR STEAM		FOR LIQUID		OPEN AREA	
			in	mm	in	mm		
1/2 to 2	15 to 50	28	1/32	0.8	29%	3/64	1.2	33%

Standard screens supplied are for **liquid service**, unless otherwise specified.
Options: Other perforations, meshes, and screen materials are available.

SIZE		DIMENSIONS								WEIGHTS	
		A		B		C		E			
in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kgs
1/2	15	5-1/8	130	4-5/8	118	2-13/16	71	3/8	10	6	3
3/4	20	5-1/8	130	4-5/8	118	2-13/16	71	3/8	10	6	3
1	25	5-1/8	130	4-5/8	118	2-13/16	71	3/8	10	6	3
1-1/4	32	6-1/2	165	6-7/16	164	2-3/4	70	3/8	10	16	7
1-1/2	40	6-1/2	165	6-7/16	164	2-3/4	70	3/8	10	16	7
2	50	8-3/4	222	3-15/16	100	5-1/4	133	1/2	15	20	9

Certified dimensional drawings are available upon request.

†This table reflects only the nearest metric equivalents.

FLOW COEFFICIENTS

Size	C _v	Size	C _v	Size	C _v
1/2"	19.9	1"	19.9	1-1/2"	35.4
3/4"	19.9	1-1/4"	35.4	2"	55.7

TOTAL SCREEN AREA

Size	C _v	Size	C _v	Size	C _v
1/2"	20.26	1"	20.26	1-1/2"	34.91
3/4"	20.26	1-1/4"	34.91	2"	39.45

*See DETERMINING RATIOS on page S5 of the Strainer Information Section for calculating NET FREE AREA of the screen to inside pipe area.

PRESSURE vs. TEMPERATURE CHART

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