



**DATA SHEET: 27 – FIG TB705 BASKET (TOP HAT) STRAINER**

**SIZES:** 1” to 36” NB Larger on request

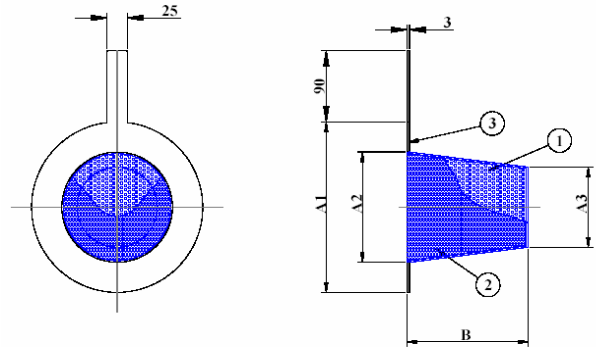
**TO SUIT FLANGES TO:** ANSI B16.5  
 BS4504/DIN  
 BS10  
 JIS

**END CONNECTIONS:** RF / RTJ

**STANDARDS:** EN10204 2.2

**FINISH:** None as welded

**NDT:** PMI on request



**Dimensions approx (mm)**

NB	A1 150 RF	A1 300 RF	A1 600 RF	A2	A3	B 150%	B200%	Weight KG 150%
1”/25mm	63	69	69	22	12	38	50	0.2
1½”/40mm	79	88	88	31	19	63	88	0.2
2”/50mm	98	104	104	44	31	83	98	0.2
3”/80mm	130	142	142	67	50	88	114	0.4
4”/100mm	168	174	187	88	63	114	152	0.6
6”/150mm	215	244	260	139	101	165	228	1.1
8”/200mm	273	301	314	181	142	215	304	2.0
10”/250mm	333	355	393	228	184	254	355	2.7
12”/300mm	403	415	450	276	225	304	419	3.6
14”/350mm	444	479	485	320	257	330	431	4.5
16”/400mm	508	533	558	368	290	355	482	5.4
18”/450mm	542	590	606	415	342	381	533	6.8
20”/500mm	600	647	676	466	381	431	609	9.0
24”/600mm	711	768	784	568	457	508	711	12.2

**NOTES**

- 1) Standard screen – 3 mm perf. Mesh overlay available on request
- 2) Standard flow direction is from outside of cone to in.
- 3) A1 dimensions for other flange rating available on request
- 4) Screens are not pressure retaining items and should not be exposed to a differential pressure in excess of 0.5 Bar G without our consent.

**Materials of construction**

ITEM		STAINLESS STEEL	
1/2	CONE (FABRICATED)	304/L	316/L
3	RING	304/L	316/L

**NOTES**

- 1) Other materials such 316LSS, Monel, Hastelloy, and Duplex and special alloys available on request
- 2) High pressure units available on request
- 3) Rings are as rolled un-machined as standard. Machined rings available on request
- 4) Flow is from outside to inside from right to left for the drawing above.

**All data is subject to confirmation at the time of order. Our policy is one of continual improvement and we reserve the right to amend details without prior notice.**