



CAST IRON VERTICAL INVERTED BUCKET TYPE STEAM TRAPS

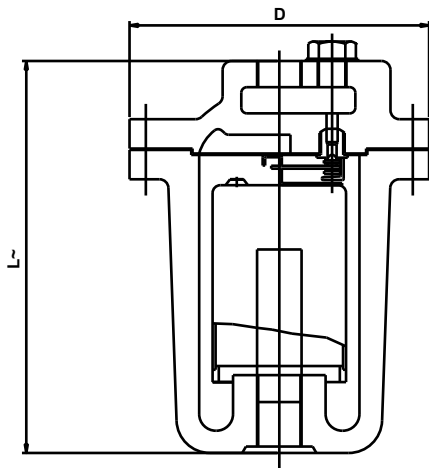


FIG. NO. BM094

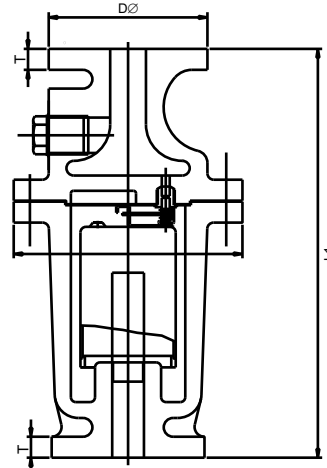


FIG. NO. BM095

CATALOGUE FIG. NOS

ITEM	FIG. NO.	END DETAILS
Cast Iron Inverted Bucket Type Steam Trap	Bm094	Screwed Female BSP Threads to BS 21
Cast Iron Inverted Bucket Type Steam Trap	BM095	Intel Flange as per BS 10 Table -F

DIMENSIONAL

NPS	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	165	198	268	313	368	435
D	109	134	187	206	238	286
ITEM CODE NOS	BM094AD	BM094AF	BM094AG	BM094AH	BM094AI	BM094AJ
L1	216	281	305	338	270	435
D1	95.3	101.6	120.7	133.4	139.7	165.1
ITEM CODE NOS	BM094AD	BM094AF	BM094AG	BM094AH	BM094AI	BM094AJ

TEST PRESSURES

MAX. WORKING PRESSURE	SHELL TEST (HYDROSTATIC)	SEAT TEST (STEAM)	CODE
188.6 psig (13 bar) AT 428°F (220°C)	377 psig (22.6 bar)	350 psig (MAX.) (17.24 bar)	INDIAN BOILER REGULATIONS

DISCHARGE CAPACITIES:

Discharge capacities of steam traps under different steam pressures are tabulated in kilograms per hour of hot condensate at saturated temperature corresponding to the inlet pressure. Steam traps operate most efficiently when the condensate load ranges between 5% and 50% of the trap capacity. Therefore a trap capacity twice the calculated maximum load.

CATALOGUE FIG. NOS.

(For Continuous Discharge of condensate at saturated Steam Temperature)

INLET STEAM PRESSURE		INVERTED BUCKET TYPE					
		CAPACITY IN KILOGRAMS PER HOUR					
KG/cm2 G	PSIG	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
0.70	10	400	850	1575	2600	4000	7800
1.76	25	425	850	1700	1700	4150	9000
3.52	50	380	850	1850	2850	4000	8200
5.27	75	425	1000	1725	2850	4150	8300
7.03	100	390	810	1625	2900	4700	8150
10.54	150	370	680	1575	2600	4300	8350

NOTE: The above data is subject to change without notice due to our continuing product improvement program.