



DSC CAST STEEL INVERTED BUCKET STEAM TRAPS

No. 680 ~ 686F SERIES

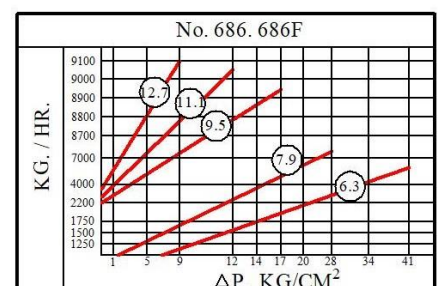
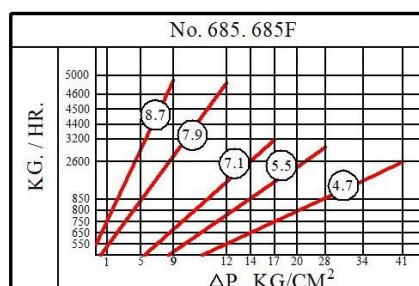
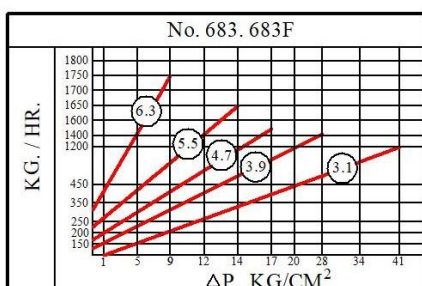
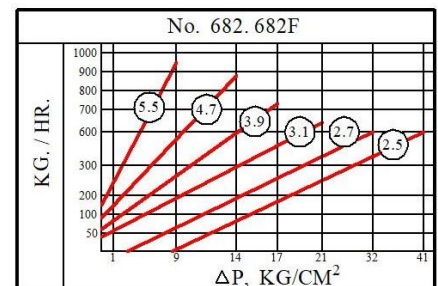
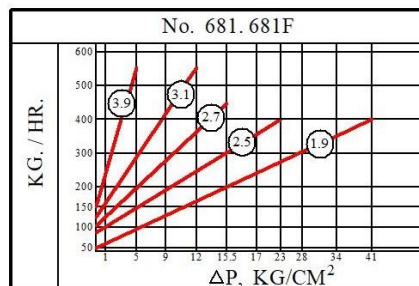
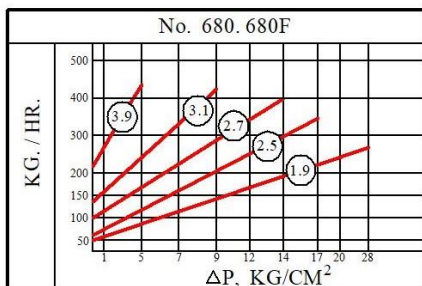
MOP 41K x 320°C



- DSC CAST STEEL INVERTED BUCKET STEAM TRAPS WITH CONVENTIONAL FRICTIONLESS MECHANISM AND PATENTED CHECK VALVE WHICH CAN RESIST WATER HAMMER AND PREVENT LOSING PRIME. THE UNIQUE COMBINATIONS MAKE DSC INVERTED BUCKET STEAM TRAPS SUPERIOR IN SERVICE YEARS AND RELIABLE IN FULL TIME OF OPERATION.
- EXCELLENT RESISTANCE TO WEAR AND CORROSION RESISTANCE.
- EXCELLENT ABILITY TO HANDLE DIRT AND PURGE SYSTEM
- SMALL DRIBBLE AT NO LOAD, INTERMITTENT AT LIGHT AND NORMAL LOAD, CONTINUOUS AT FULL LOAD.
- VENTS AIR AND CO₂ AT STEAM TEMPERATURE.
- EXCELLENT OPERATION AGAINST BACK PRESSURE.
- GOOD RESISTANCE TO DAMAGE FROM FREEZING.
- IMMEDIATE RESPONSIVENESS TO SLUGS OF CONDENSATE.
- LARGE COMPARATIVE PHYSICAL SIZE.



CONDENSATE DISCHARGE CAPACITY IN KG/HR

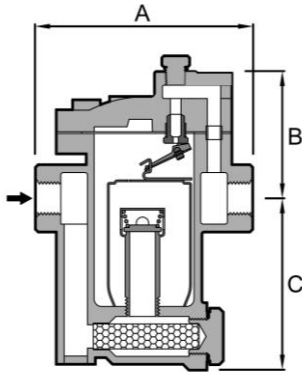




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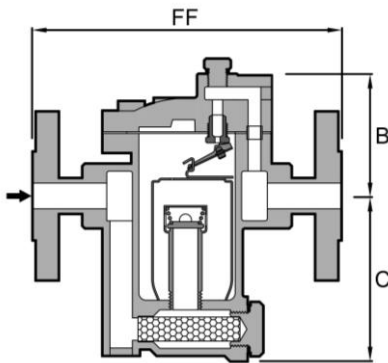
MOP 41K x 320°C



No. 680 SERIES DIMENSIONS (MM). MOP(KG/CM²). WT(KG)

No.	CONN.SE*	A	B	C	MOP	WT.
680	15.20	130	73	100	28	3
681	15.20.25	136	105	134	41	5
682	15.20.25	168	108	136	41	10
683	25.32	196	117	196	41	20
685	40.50	250	145	250	41	43
686	50.65.80	310	210	275	41	78

*NPT. BSPT. SW AVAILABLE.



No. 680F SERIES

No.	CONN.FE*	FF	B	C	MOP	WT.
680F	15.20	234	73	100	28	6
681F	15.20.25	245	105	134	41	9
682F	15.20.25	279	108	136	41	14
683F	25.32	327	117	196	41	15
685F	40.50	391	145	250	41	52
686F	50.65.80	455	210	275	41	91

*ANSI FLANGE STANDARD. OTHER SPEC. CONSULT FACTORY.

CONSTRUCTION OF MATERIALS

CAP	681 ~ 682	ASTM A105
	683 ~ 686	ASTM A216 WCB
BODY		ASTM A216 WCB
SEAT & VALVE		CHROME STEEL HARDENED
MECHANISM		S.S.304
BUCKET		S.S.304
GASKET		COMPRESSED NON-ASBESTOS
CHECK VALVE		S.S.304
STRAINER		S.S.304
BOLTS		ASTM A193 - B7
NUTS		ASTM A194 - 2H



BLOWDOWN VALVE – BV

For manual blow-down to discharge dirt from strainer.

No.680~682F with 3/8" PT BV connection

No.683~686F with 3/4" PT BV connection



DSC PATENTED CHECK VALVE – CV

Dsc cast steel inverted bucket steam traps furnished with patented check valves as standard.