



# DSC FORGED STEEL INVERTED BUCKET STEAM TRAPS

No. 640~2500 SERIES

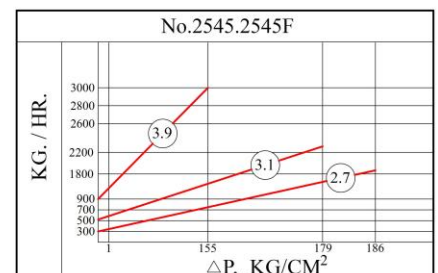
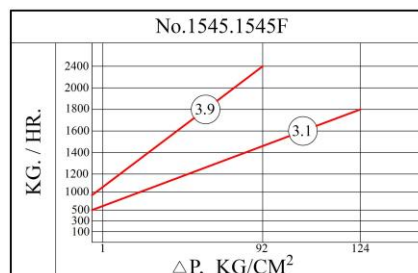
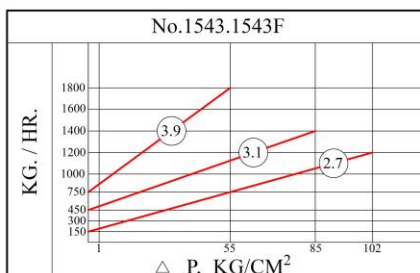
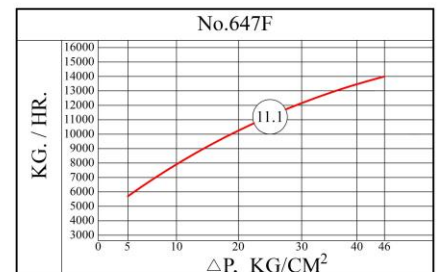
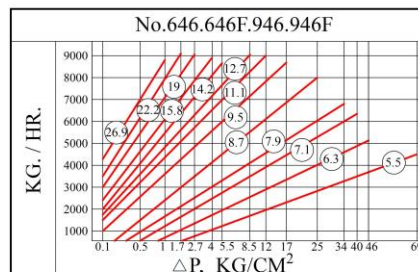
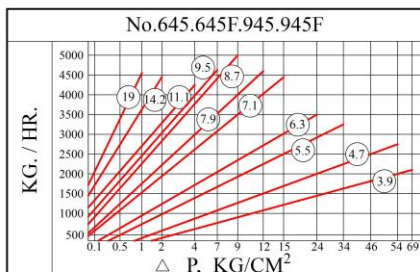
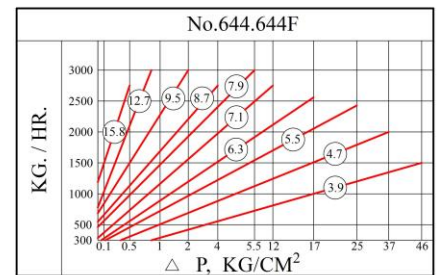
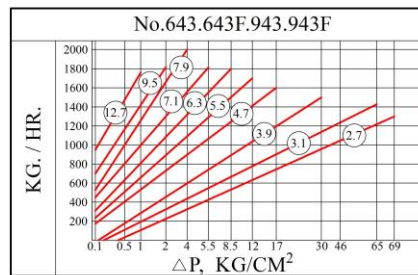
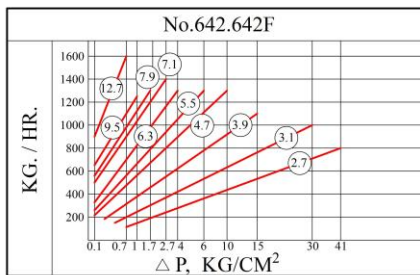
MOP 186K x 540°C



- 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 CO<sub>2</sub> 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.





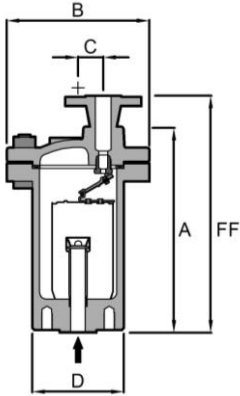
# DSC FORGED STEEL INVERTED BUCKET STEAM TRAPS

No. 640~2500 SERIES

MOP 186K x 540°C



## No.642~946F SERIES DIMENSIONS(MM). MOP(KG/CM<sup>2</sup>) . WT(KG)

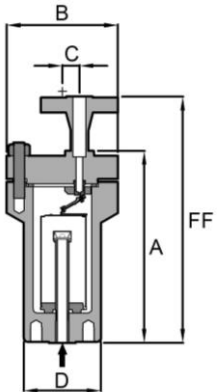


No.	CONN.*	A	FF	B	C	D	MOP	SW WT.	FLG WT.
642、642F	15.20	259	313	171	32	121	41	14	15
643、643F	20.25	291	352	203	37	130	46	22	23
644、644F	25.32	348	408	219	38	146	46	34	36
645、645F	25.32.40	381	446	248	45	169	46	42	44
646、646F	40.50	435	500	302	54	218	46	73	75
647、647F	80	532	690	375	74	272	46	144	151
943、943F	15.20.25	302	378	219	36	137	69	30	33
945、945F	25.32.40	380	459	248	45	169	69	56	62
946、946F	40.50	448	474	318	54	219	69	89	91

\* NPT. BSPT. SW AVAILABLE.

\* ANSI FLANGE STANDARD. OTHER SPEC. CONSULT FACTORY.

\* 643、645、646 CAST S.S.316 BODY AVAILABLE.



## No.1543~2545 SERIES

No.	CONN.*	A	FF	B	C	D	MOP	SW WT.	FLG WT.
1543、1543F	15.20.25	362	470	216	34	150	102	45	48
1545、1545F	25.32.40	413	540	264	45	194	124	88	95
2545、2545F	25.32.40	613	724	299	45	213	186	135	140

\* SW AVAILABLE.

\* ANSI FLANGE STANDARD. OTHER SPEC. CONSULT FACTORY.

\* 1543~2545 SERIES ONE YEAR GUARANTEE.

## CONSTRUCTION OF MATERIALS

BODY	642 SERIES	ASTM A105
	943、1543 SERIES	ASTM A182 F22
SEAT & VALVE	CHROME STEEL HARDEND	
MECHANISM	S.S.304	
BUCKET	S.S.304 WITH CAST IRON WEIGHT	
GASKET	SPIRAL WOUND WITH S.S.316	
CHECK VALVE	S.S.304	
FLANGE	ASTM A105	
BLOTS	ASTM A193 - B7	
NUTS	ASTM A194 - 2H	



**CHECK VALVE – CV**  
DSC cast iron inverted bucket steam traps are furnished with check valves as standard