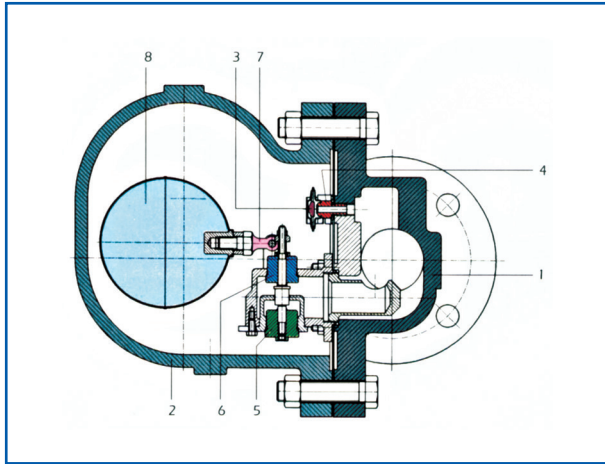


STEAM TRAPS

SK 50



Materials

N.	PARTS	MATERIALS
1	BODY	DUCTILE IRON
2	COVER	DUCTILE IRON
3	THERMOSTATIC CAPSULE	STAINLESS STEEL
4	AIR VENT SEAT	AISI 304
5	FLOAT SEAT	AISI 304
6	MAIN VALVE (ball)	STAINLESS STEEL
7	FLOAT LEVER	AISI 304
8	FLOAT	AISI 304

Float steam trap with thermostatic vent.

A float through a simple lever mechanism opens or closes the valve according to the condensate level inside the trap. The opening is proportional with condensate rate.

It is uneffected by instantaneous pressure changings. These types of steam traps specially used where prompt and continuous discharge of condensate is necessary. For such cases float traps are the ideal traps as well automatically control systems to prove adequate heat transfer.

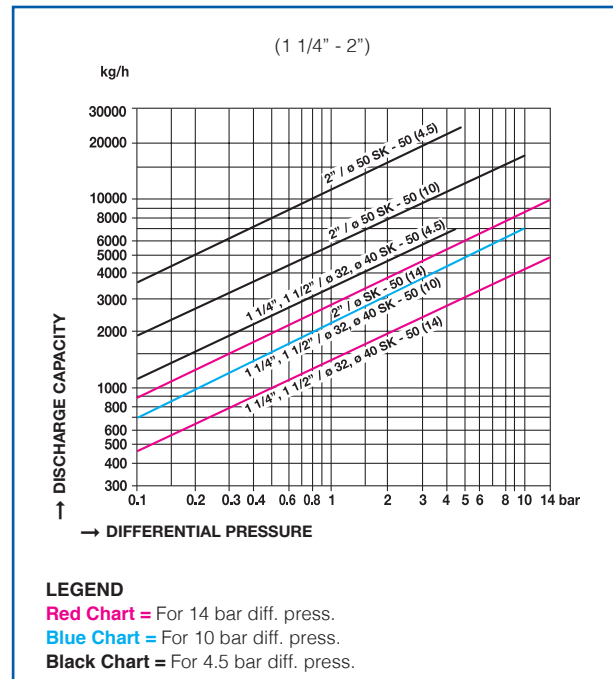
The steam trap must be fitted with the float arm in horizontal plane so that the float rises and falls vertically in the body.

OPERATING CONDITIONS	
MAX. ALLOWABLE PRESSURE PMA (bar)	25
MAX. ALLOWABLE PRESSURE TMA (°C)	300
MAX. OPERATING PRESSURE PMO (bar)	16
MAX. DIFFERENTIAL PRESSURE PMD (bar)	4.5 - 10 - 14
MAX. OPERATING PRESSURE TMO (°C)	250

CONNECTION	WEIGHTS			SCREWED		
	FLANGED					
SIZES (mm)	32	40	50	1" 1/4	1" 1/2	2"
WEIGHT (kg.)	20.8	21.8	33	16.8	17.6	22

CONNECTIONS		SIZES	
SCREWED	NPT acc. to ANSI B1 20.1 BSP acc. to BS 21	mm	inches
FLANGED	DIN 2533 PN 16	32 - 50	1" 1/4 - 2"

DISCHARGE CAPACITIES



DIMENSIONS (mm)						
SIZES	A - A1	B	C - C1	D	E	No HOLES
32	270 - 320	130	108 - 108	238 - 242	270	4
40	270 - 320	130	108 - 108	238 - 242	270	4
50	300 - 320	138	125 - 122	250 - 250	270	4

