

FLOAT AND THERMOSTATIC STEAM TRAPS

FLT 16 (11/2" - 2")

DESCRIPTION

FLT 16 float and thermostatic (integral air vent) steam traps series are designed for all types of low and medium pressure steam heating and process equipment. Connections are female screwed or flanged for horizontal or vertical installation.

MAIN FEATURES

Modulating discharge.
Discharges condensate at steam temperature.
Unaffected by sudden or wide load and pressure changes.
Excellent air discharge (by thermostatic air vent).

OPTIONS: Equalizing plug ,venting connection and drain plug (or blow-off valve on cover).
USE : Saturated and superheated steam.
AVAILABLE MODELS : FLT 16-4.5 - FLT 16-10 - FLT 16-14.
SIZES : 11/2", 2" - DN40,DN50.
CONNECTIONS : Female screwed ISO 7/1 Rp (BS21)
Flanged DIN.Special flanges upon request.
INSTALLATION : Standard horizontal installation - flow from right to left FLT16 (R-L)
See IMI,installation and maintenance instructions.

PMA :Max.allowable pressure 16 bar
TMA: Max.allowable temperature 250 °C
PMO: Max.operating pressure 14 bar
TMO: Max.operating temperature 198 °C

How to order: i.e. FLT16-10 DN 40 DIN

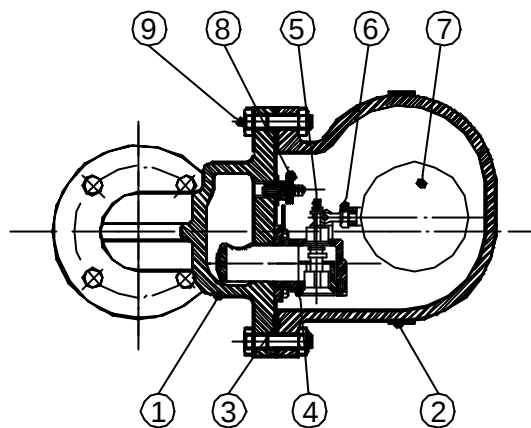
DIMENSIONS (mm)

SCREWED ENDS							DIN FLANGES		
SIZE	A	B	C	D	E	WEIGHT	F	B	WEIGHT
DN									
						Kg			Kg
11/2"	270	240	110	238	128	17	230	330	20,9
2"	300	250	126	266	140	21,6	230	340	27,8

FLOW RATE CAPACITY IN Kg/h

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)											
		0,1	0,3	0,5	0,7	1	1,5	2	4,5	7	10	12	14
FLT16-4,5	11/2"	1100	1800	2400	2800	3400	3900	4500	7300				
FLT16- 10	11/2"	650	1200	1500	1750	2000	2600	3000	4000	5400	6200		
FLT16- 14	11/2"	450	750	950	1100	1300	1600	1800	2600	3250	3900	4210	4950
FLT16-4,5	2"	3400	5900	7550	9050	11000	14000	15500	22500				
FLT16- 10	2"	1800	3000	3900	4450	5000	6100	7100	10000	13750	16000		
FLT16- 14	2"	900	1500	1900	2300	2700	3100	3600	5000	6900	8100	9000	9800

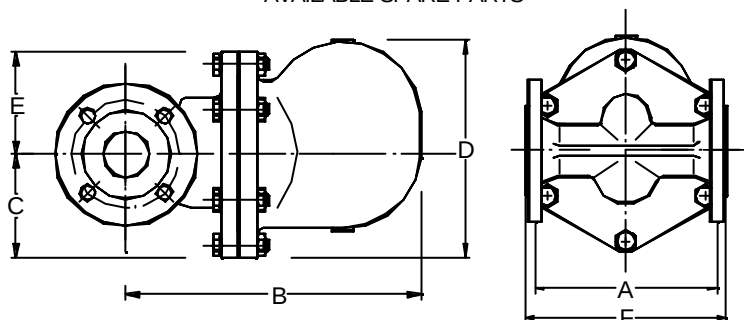
Recommended safety factor : continuous 1.2 - 1.5 ; discontinuous flow 2 - 3 .



MATERIALS:

POS.NR.	DESIGNATION	MATERIAL
1	BODY	GGG40
2	COVER	GGG40
3 *	GASKET	NON ASBESTOS
4 *	SEAT	AISI 410
5 *	VALVE	AISI 410
6 *	LEVER	AISI 304
7 *	FLOAT	AISI 304
8 *	AIR VENT	STAINLESS STEEL
9	BOLTS	STEEL 8.8

* AVAILABLE SPARE PARTS



Max.differential pressure
FLT 16-4.5 - 4.5 bar
FLT 16 -10 - 10 bar
FLT 16- 14 - 14 bar

GROUP 2 GASES CATEGORIES

MODEL	SIZES	Category
FLT 16	DN 40	SEP
FLT 16	DN 50	1

CE Marking : This product have been designed for use on water and steam wich are in Group 2 of the European Pressure Equipment Directive 97/23/EC and it comply with those requirements. The product carry the CE mark when falling in category 1 and above.