

BYVAP® Thermobimetal Thermostatic Steam Trap

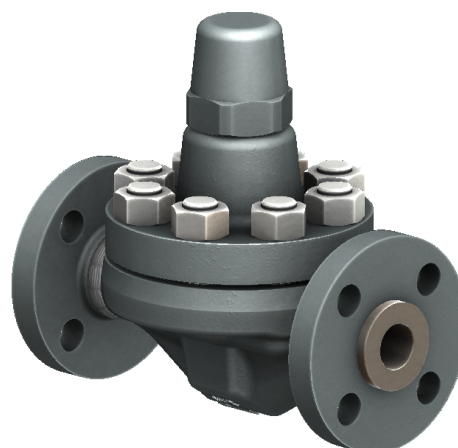
TYPE BTHP 80- BTHP 100-BTHP 150

Description

The BYVAP® thermobimetal steam trap type HP is especially designed for high pressure applications on saturated steam or superheated steam. This steam trap is equipped with a strainer and a check valve.

Characteristics:

Body: A105 & A182F22.
 BTHP 80: 20 up to 80 bar
 BTHP 100: 20 up to 100 bar
 BTHP 150: 20 up to 150 bar
 Design pressure: Class 1500 – PN160
 Connections : SW, BW ou brides / flanges.
 Size : ½" / ¾" / 1"



Type	Mat.	PMA	PMO	TMO	TMA
BT HP80	A105	258 bar	80 bar	420°C	475°C
	F22			475°C	575°C
BT HP100	A105		100 bar	420°C	475°C
	F22			475°C	575°C
BT HP150	A105		150 bar	420°C	475°C
	F22			475°C	575°C

Features :

- This steam trap works on hot condensate, without steam leakage and ensures quick discharge of large quantities of cold condensate, air and non-condensable gases at startup.

How they work ?

The thermobimetal trap operates on the basis of 2 opposing forces. The differential pressure produces the opening force and the temperature change acting on the thermobimetal discs for closing the trap.

How to order :

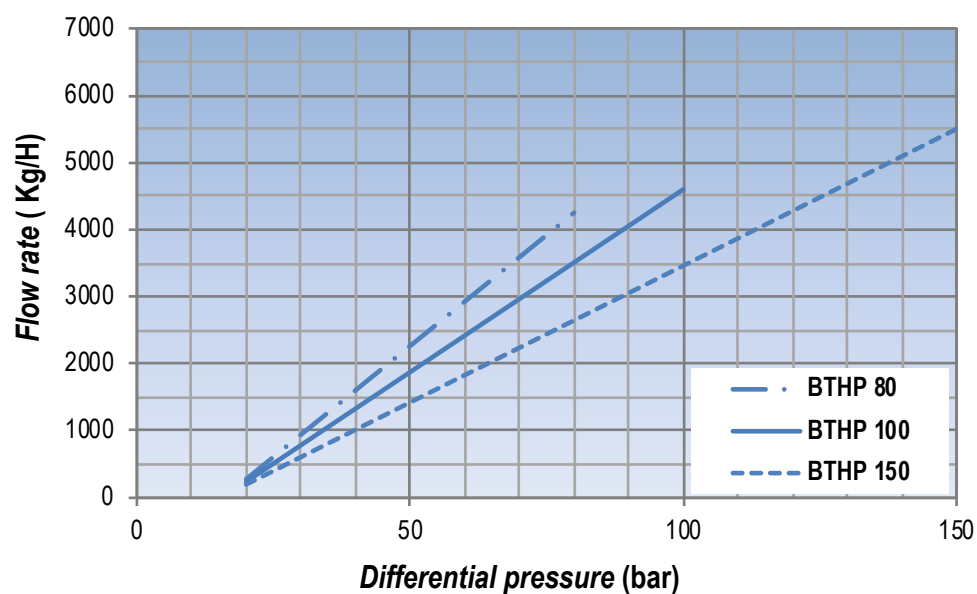
Purgeur type BT HP150 1" ANSI SW / Steam trap type BT HP150 1" ANSI SW

Directive européenne sur les appareils à pression 2014/68/UE / PED 2014/68/UE :

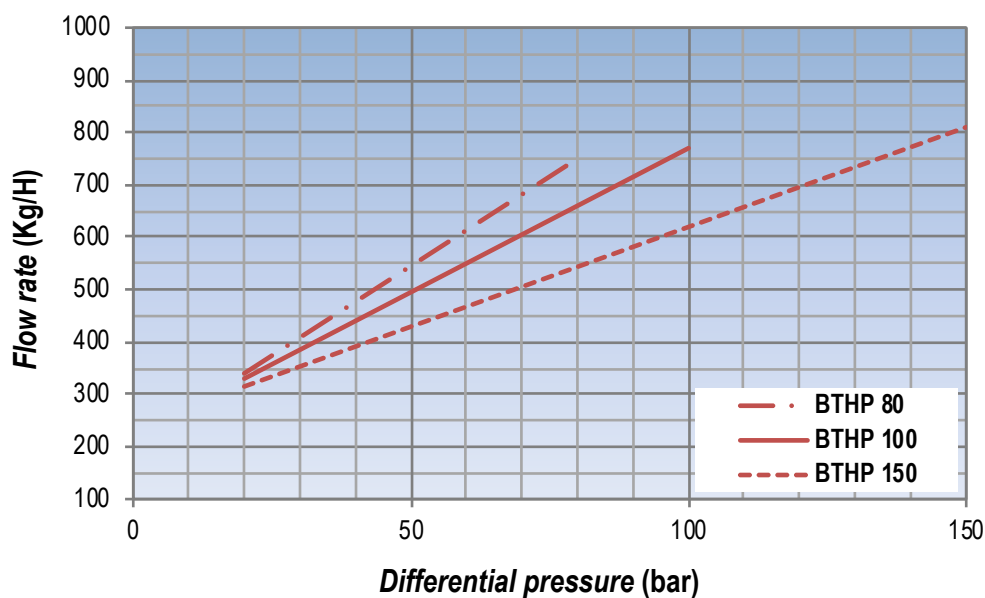
This steam trap is compliant with 2014/68/UE PED cat. 0

Flow rate

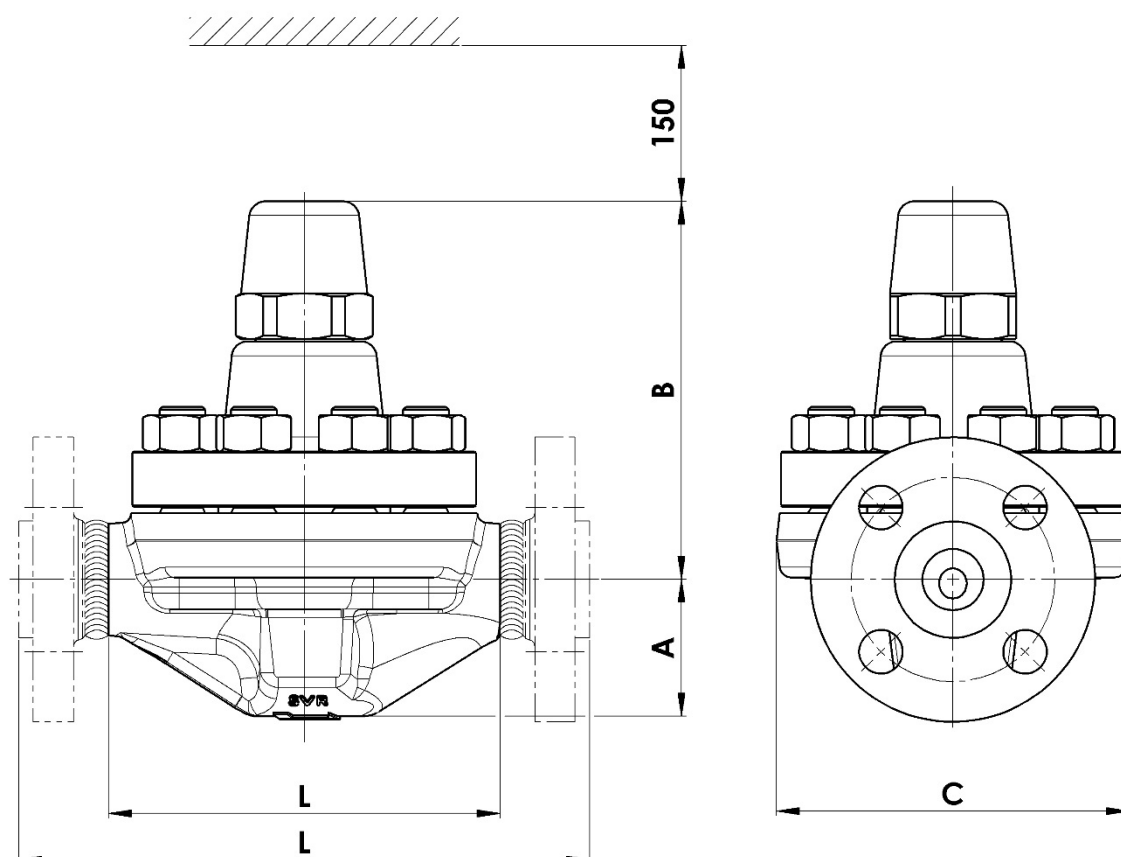
Cold condensate



Hot condensate



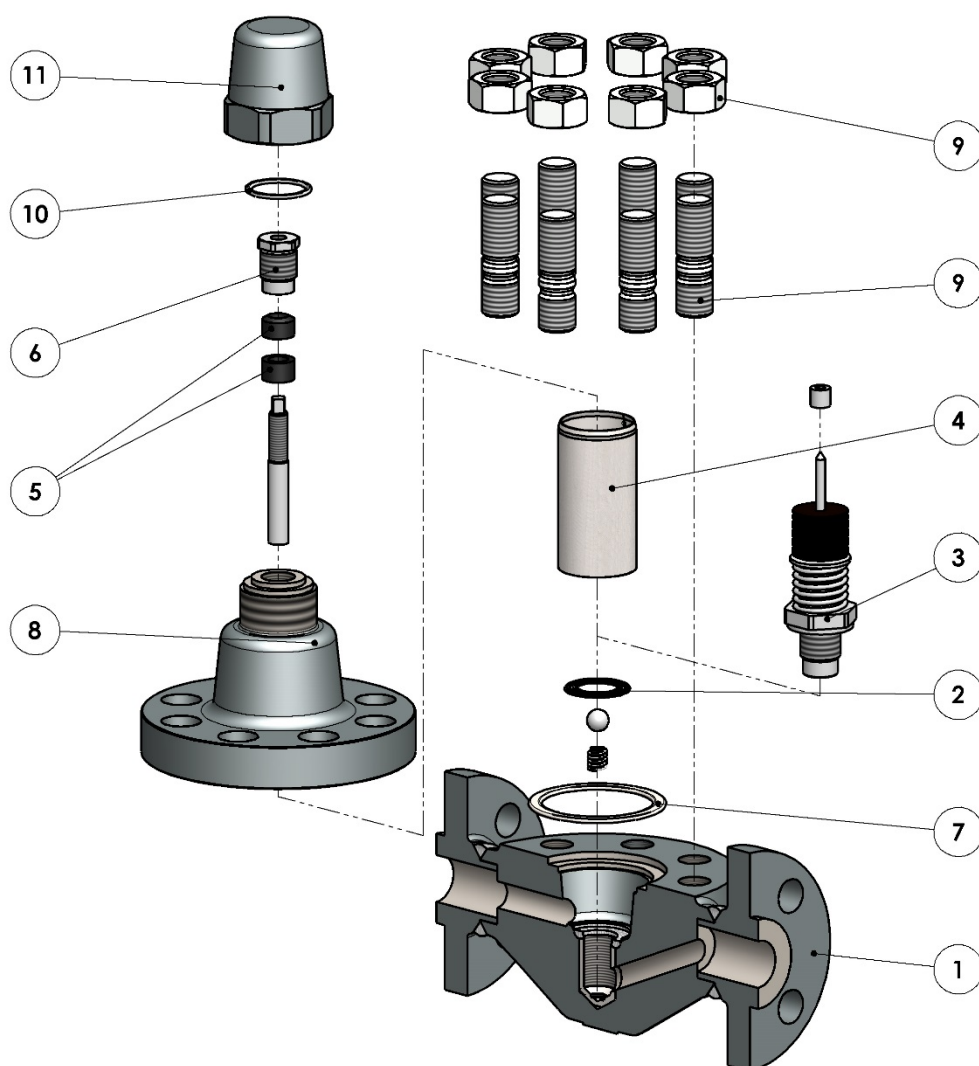
Dimensions



Distance necessary for filter and thermobimetal device disassembly

TYPE	DN	Connections	L	A	B	C	Weight (kg)
BTHP 80 BTHP 100 BTHP 150	1/2"	SW-BW	160	60	160	155	10
	3/4"						
	1"						
	1/2"	Flanges	250				15
	3/4"						
	1"						

Parts List



Item	Description	Material
1	Body	Steel A105-A182 F22
2*	Gasket	Stainless Steel
3	Bimetallic device	Stainless Steel
4*	Filter	Stainless Steel
5*	Packing	Graphit
6	Presser	Stainless Steel
7*	Gasket	Stainless Steel
8	Cover	Steel A105-A182 F22
9	Hex nut + stud	Steel A193 B7-A193 B16
10*	Gasket	Stainless Steel
11	Cap	Steel

* Spare parts