

spirax

Authorised Dealer:
 PUSHKARNA SALES PVT LTD.
 4772, Hauz Qazi, Delhi-110006.
 Telefax : 011-23217239/23216378.
 Emails : pspl@airtelmail.in,
sales@pushkarnasales.com
 Site : www.pushkarnasales.com

BT6 Balanced Pressure Steam Trap

Description

The Spirax BT6 balanced pressure steam trap is suitable for use on steam systems up to 6 bar g. It operates close to steam saturation temperature with little back up of condensate. The trap is manufactured in stainless steel and all parts in contact with condensate are 316L with minimal crevices for specific use in hygienic systems.

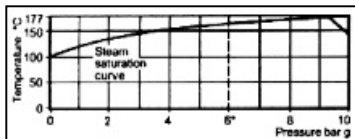
Sizes and pipe connections

1/2", 3/4", 1" in tube ends as per ASME BPE 2005

Limiting conditions (ISO 6552)

Body design conditions _____ PN10
 PMA - Maximum allowable pressure _____ 10 bar g
 TMA - Maximum allowable temperature _____ 177°C
 Cold hydraulic test pressure _____ 15 bar g

Operating Range



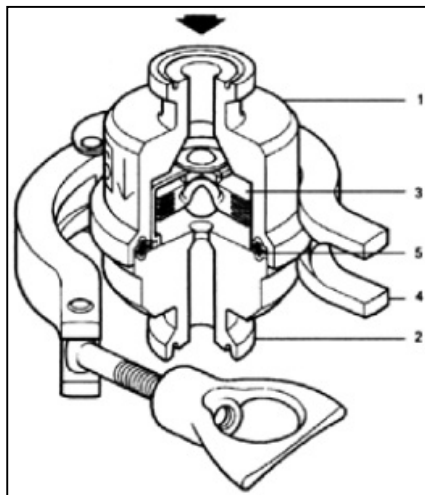
████ The product must not be used in this region.

* PMO - Max. Operating pressure (recommended)

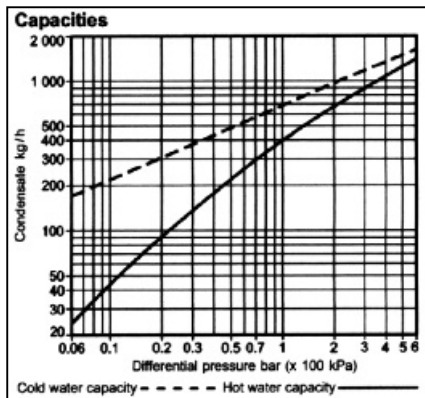
Materials:

No. Part	Material	Standard
1. Body	Stainless steel	ASTM A 276-87 Gr. 316L
2. Seat end	Stainless steel	ASTM A 276-87 Gr. 316L
3. Element	Stainless steel	AISI316L
4. Clamp	Stainless steel	AISI 304L
5. Seal	PTFE jacketed viton	IS 2712

Note: PTFE complies with FDA CFR title 21, paragraph 177. section 1550. All wetted parts of this trap are constructed from PDA approved materials.



6.1



Surface finish

All internal wetted surfaces have a surface finish of 0.4 mm micron Ra (equivalent to 180 grit)
External surfaces have a maximum surface finish of 1.2 micron Ra (equivalent to 150 grit).

Available material certification

Product available with material certification to EN 10204 3.1.8 If specified at time of order

Dimensions (approximate) in millimetres

Size	A	B	C	D	E	Weight
1/2"	65	54	53	35	83	0.85 kg
3/4"	65	54	53	35	83	0.85 kg
1"	65	54	53	35	83	1.0 kg

Installation

The trap is designed to be fitted in vertical lines with the flow downwards so that it can be completely self-draining. Check flow arrow for correct orientation. Fittings clamps and gaskets for pipe end connections are not supplied.

Do not over expose the element to superheat conditions since over expansion may result.

Note: The body and element must be handled carefully to ensure that the machined surfaces are not damaged.

Spl.version with Horizontal orientation also available

Maintenance

Before undertaking any maintenance on the trap it must be isolated from the supply line and return line and any pressure allowed to normalize to atmosphere. The trap assembly should then be allowed to cool.

Disposal

This product is recyclable. No ecological hazard is anticipated with the disposal of this product, provided due care is taken.

How to order

1/2" Spirax BT6 steam trap with Tri-clover compatible connections.

Spare parts

The spare parts are shown in heavy outline. Parts drawn in broken line are not supplied as spares.

Available spare

Element assembly _____ 3
Seal _____ 5
Seat end connection _____ 2

How to order spares

Always order spares by using the description given in the column headed Available spare and stating the size and type of trap.

Example: 1 -Element assembly for Spirax W BT6 steam trap

