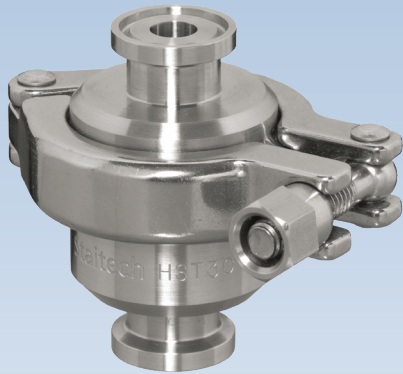


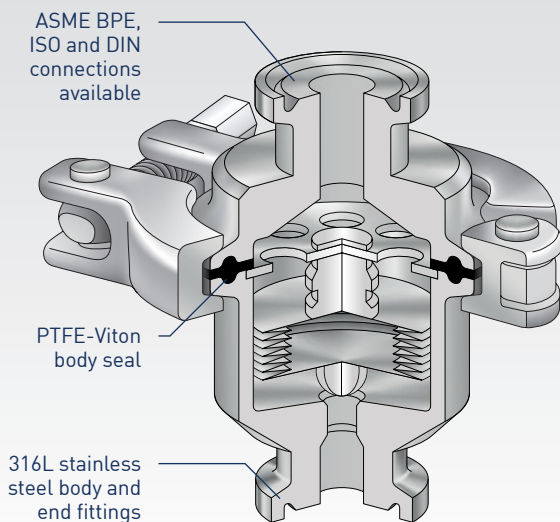
HST30TC STEAM TRAP



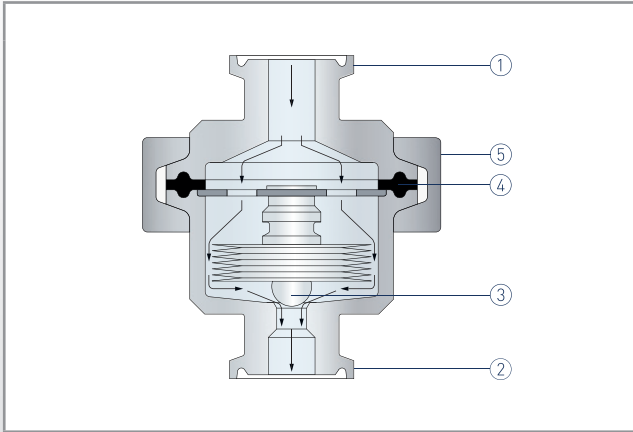
HST30TC

The HST30TC range of steam traps are designed to remove condensate from high purity steam systems. A thermostatic element is used to detect the difference between the temperature of the cooling condensate and the system operating temperature. When this temperature differential exceeds 3-5°C the element contracts to allow the cooling condensate to exhaust. Being a temperature sensitive device, the HST30TC also ensures that air is purged from a steam system together with waste condensate. Typical applications for the HST30TC are steam main drainage, Steam-in Place(SIP) applications and when inverted, as a steam system air vent. Where a bolted body joint is preferred over clamped configuration the HST30 model is available.

P Pressure Rating	Maximum operating pressure (PMO) - 6 barg Maximum allowable pressure (PMA) - 8 barg																					
T Temperature Rating	Maximum allowable temperature (TMA) - 170°C																					
I Connections	1/4" - 1-1/2" ASME BPE clamp or weld end DN8, 10, 15, 20, 25 ISO and DIN clamp or weld end																					
Wetted Parts	316L stainless steel																					
Seal Material	PTFE-Viton																					
Flow Capacity	<table border="1"> <tr> <td>Pressure (bar)</td> <td>1.0</td> <td>2.0</td> <td>3.0</td> <td>4.0</td> <td>5.0</td> <td>6.0</td> </tr> <tr> <td>Flow (kg/h)</td> <td>200</td> <td>350</td> <td>400</td> <td>650</td> <td>800</td> <td>950</td> </tr> <tr> <td>Cold flow (kg/h)</td> <td>700</td> <td>900</td> <td>1000</td> <td>1200</td> <td>1500</td> <td>1600</td> </tr> </table>	Pressure (bar)	1.0	2.0	3.0	4.0	5.0	6.0	Flow (kg/h)	200	350	400	650	800	950	Cold flow (kg/h)	700	900	1000	1200	1500	1600
Pressure (bar)	1.0	2.0	3.0	4.0	5.0	6.0																
Flow (kg/h)	200	350	400	650	800	950																
Cold flow (kg/h)	700	900	1000	1200	1500	1600																
Surface Finish	Wetted surfaces - 0.5 microns Ra (SF1) External surfaces - 0.8 microns Ra																					
Options	Body clamp with wing nut Horizontal inlet connection Bolted body joint - HST30 Low ferrite stainless steel (WN1.4435) Fixed bleed Electropolished finish (SF4)																					
Certification	Certificate of conformity Material certification FDA Elastomer compliance certificates USP Elastomer compliance certificates Certified 'Animal derived ingredient' free																					
Features	<ul style="list-style-type: none"> Clamped body - allows easy disassembly for cleaning and servicing Wide range of connection types and sizes Optional finishes available - SF1 and SF4 Simple to maintain Industry standard face-face dimension 																					

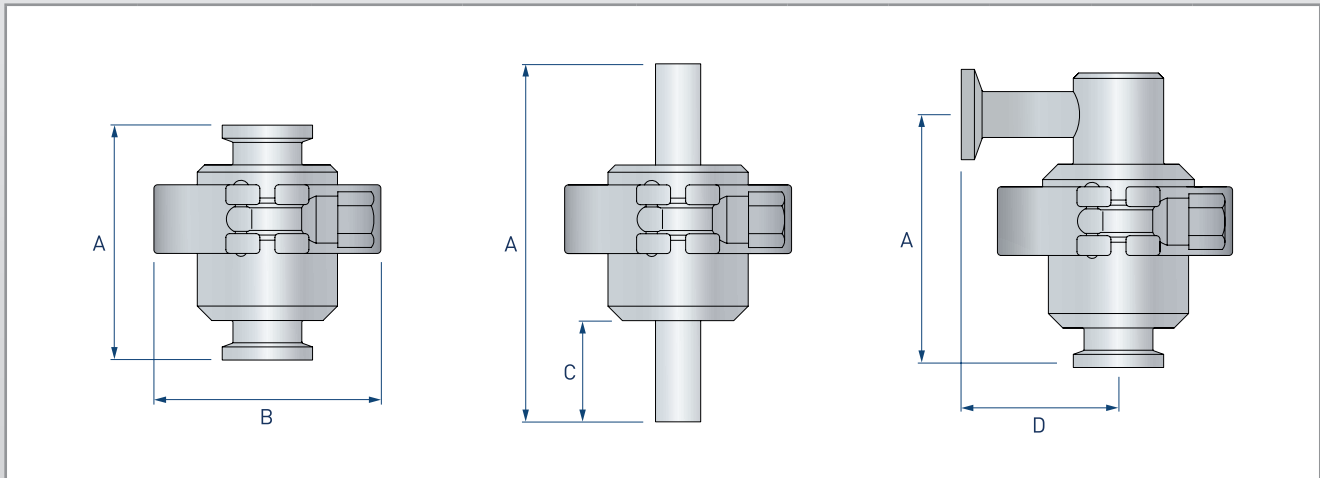


HST30TC STEAM TRAP



Part	Description	
1	Inlet connection	316L stainless steel
2	Outlet connection	316L stainless steel
3	Element assembly	316/316L stainless steel
4	Seal*	PTFE-Viton envelope
5	Body clamp	Stainless steel

*Body seal is FDA and USP (121°C) compliant.



ASME BPE ISO DIN	1/2"	3/4"	1"	1-1/2"	Dimensions (mm)				Weight (kg)
	DN8 and DN10 DN8 and DN10*	DN15* DN15*	DN20 DN20* and DN25	DN25 DN32	A	B	C	D	
	✓	✓	✓	✓	65	60	-	-	0.5
	✓	✓	✓		98	60	28	-	0.5
	✓	✓			70	60	-	43	0.5
			✓		77	60	-	50	0.6

*ISO DN15, DIN DN8 - DN20 available with 25mm or 34mm clamp connections. ISO DN15 available with 34mm or 50.5mm clamp connections

Service Parts - Element assembly (3) and body seal (4)

ASME BPE part number ordering key						
Product		Size		Connections		Options
	-				-	
Vertical connections		1/2" ASME BPE	050	Clamp	C	Electropolishing EP
HST30TC		3/4" ASME BPE	075	Weld	W	
		1" ASME BPE	100			
		1-1/2" ASME BPE	150			
Horizontal inlet		1/2" ASME BPE	050			
HST30TCH		3/4" ASME BPE	075			
		1" ASME BPE	100			
Example						
HST30TC	-	050C		-	EP	
Specification text						
Staitech HST30TC steam trap manufactured from 316L stainless steel with PTFE-Viton FDA and USP Class VI compliant body seal. 1/2" ASME BPE clamp connections. Wetted surfaces finished to 0.5 microns Ra and electropolished. External surfaces finished to 0.8 microns Ra. (HST30TC-050C). For electropolished finish add suffix '-EP' (HST30TC-050C-EP).						

DIN part number ordering key						
Product		Connections		Size		Options
	-		-		-	
Vertical connections		Clamp	C	DIN DN8	34.0-8.0	Electropolishing EP
HST30TC					25.0-8.0	
Horizontal inlet				DIN DN10	34.0-10.0	
HST30TCH					25.0-10.0	
				DIN DN15	34.0-15.0	
					25.0-15.0	
				DIN DN15	34.0-16.0	
					25.0-16.0	
				DIN DN20	34.0-20.0	
					50.5-20.0	
				DIN DN25	50.5-25.0	
Vertical connections		Weld	W	DIN DN8	10.0-8.0	
HST30TC					12.0-10.0	
Horizontal inlet				DIN DN10	13.0-10.0	
HST30TCH					18.0-15.0	
				DIN DN15	18.0-16.0	
					23.0-20.0	
				DIN DN20	28.0-25.0	
					29.0-26.0	
				DIN DN25		
Example						
HST30TC	-	C	-	34.0-8.0		EP
Specification text						
Staitech HST30TC steam trap manufactured from 316L stainless steel with PTFE-Viton FDA and USP Class VI compliant body seal. DIN DN8 34mm clamp connections. Wetted surfaces finished to 0.5 microns Ra and electropolished. External surfaces finished to 0.8 microns Ra. (HST30TC-C-34.0-8.0). For electropolished finish add suffix '-EP' (HST30TC-C-34.0-8.0-EP).						

ISO part number ordering key						
Product		Connection		Size		
	-		-		-	
Vertical connections		Clamp	C	ISO DN8	25.0-10.3	Electropolishing
HST30TC				ISO DN10	25.0-14.0	EP
Horizontal inlet				ISO DN15	25.0-18.1	
HST30TCH				ISO DN15	34.0-18.1	
				ISO DN20	50.5-23.7	
Vertical connections		Weld	W	ISO DN8	13.5-10.3	
HST30TC				ISO DN10	17.2-14.0	
Horizontal inlet				ISO DN15	21.3-18.1	
HST30TCH				ISO DN20	26.9-23.7	
Example						
HST30TC	-	C	-	25.0-10.3	-	EP
Specification text						
<p>Staitech HST30TC steam trap manufactured from 316L stainless steel with PTFE-Viton FDA and USP Class VI compliant body seal. ISO DN8 25mm clamp connections. Wetted surfaces finished to 0.5 microns Ra and electropolished. External surfaces finished to 0.8 microns Ra. (HST30TC-C-25.0-10.3). For electropolished finish add suffix '-EP' (HST30TC-C-25.0-10.3-EP).</p>						