

STEAM TRAPS - PURGADORES TERMOSTÁTICOS

HST50



The HST50 is a simple and compact trap suitable for condensate drainage applications in pure steam systems. Operating on thermodynamic principles, the trap will discharge condensate close to steam saturation temperature. Due to the operating characteristics of the HST50, it is best suited to constant pressure applications where uncontaminated condensate is present. The HST50 can be installed in any orientation.



Pressure Rating

Maximum operating pressure (PMO) - 10 barg
Maximum allowable pressure (PMA) - 16 barg



Temperature Rating

Maximum allowable temperature (TMA) - 450°C



Connections

1/2" - 1" ASME BPE clamp
1/2" ASME BPE tube weld



Flow Capacity

Pressure (bar)	1.0	2.0	3.0	4.0	5.0	6.0
Flow (kg/h)	45	58	65	70	76	80



Surface Finish

Wetted surfaces - 0.8 micron Ra
Wetted surfaces - As cast



Options

DIN and ISO clamp connections
Enhanced surface finishes



Available Certification

CofC

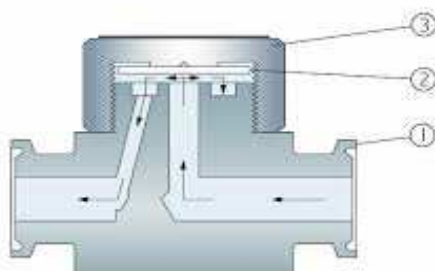
Certificate of Conformity

MTR's

Material Certification

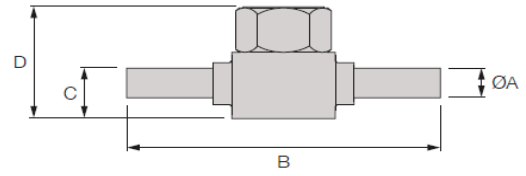
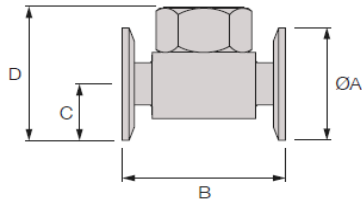
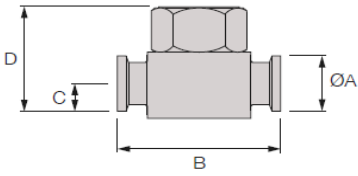
ADI




Certified 'Animal Derived Ingredient' free



Part	Description
1 Body	316L stainless steel
2 Disc	316L stainless steel
7 Cap	316L stainless steel

HST50



	Size			Dimensions (mm)				Weight (kg)
	1/2"	3/4"	1"	ØA	B	C	D	
	✓	✓		25	65	20	35	0.55
			✓	50.5	65	20	35	0.6
	✓			12.7	123	20	35	0.5



Packaging

Individually capped, bagged and boxed



Service Parts

Disc part 2



Specification

See product selector sheet for specification and ordering detail