

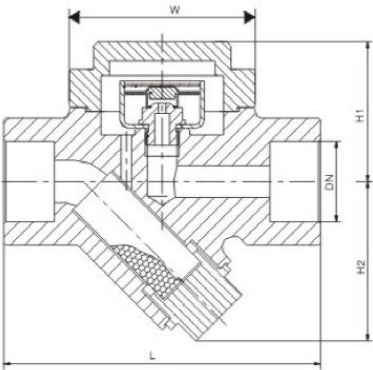
DST-16S, 16F Bellows type thermostatic steam trap

Thermostatic steam traps, also known as constant temperature steam traps, rely on the temperature difference between steam and condensate to drive the thermal expansion and contraction of a temperature sensing element, automatically draining condensate. They are widely used in main steam pipelines for heating, heat tracing pipelines, dryers, and small industrial heating steam equipment systems..



DST-16S

Dimension drawing



Features

- Excellent air venting capacity, resistant to superheated steam and water hammer.
- It has a fixed subcooling cycle operation within the pressure range.
- Capable of combination of multiple bellows, suitable for large discharge.
- The temperature sensing element is highly corrosion-resistant, ensuring a long service life.
- Available in carbon steel and stainless steel body; compact and lightweight. Ideal for vertical installation, but can also be installed at any angle.

Specifications

Type		DST-16S	DST-16F
Applicable pressure		16kgf/cm ² below	
Applicable temperature		250℃ below	
End connection		PT SCREW	PN16 RF
Materials	Body / Cover	WCB / Stainless Steel	
	bellows	STS	
	Seat	STS	
	Filter screen	STS	
Hydraulic test pressure		1.5 times of applicable pressure	

Dimensions （The dimensions in parenthesis are for DST-16F）

Size	L	H1	H2	W	Weight(kg)
DN15	100(150)	58	55	70	
DN20	100(150)	58	55	70	
DN25	120(160)	58	55	70	
DN32	150(230)	68(85)	68(60)	90(120)	
DN40	150(230)	68(85)	68(60)	90(120)	
DN50	160(230)	68(85)	68(60)	90(120)	

Flow curve

