

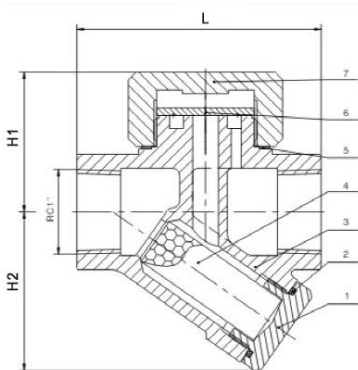
DDT-42 Thermodynamic Disc Steam Trap

Application

Thermodynamics steam trap works by moving valve block ups and downs. When the valve block is jacked up, the condensation water will be drained out. And when the steam gets into it, the valve block will close tightly.



Dimension drawing



Features

- Equipped with a steam or air insulation device, it is not affected by ambient humidity, reduces operating frequency, and extends service life.
- Equipped with a strainer and drain valve.
- This valve operates sensitively and reliably, with a large drainage capacity.

Specifications

Model		DDT-42
Applicable pressure		42kgf/cm ²
Applicable temperature		350℃ below
End connection		PT Screw, SW, PN40 RF
Materials	Body	WCB
	Disc	STS420
	Screen & Cap	SUS304
Hydraulic test pressure		1.5 times of applicable pressure

Maximum operating pressure difference

Size	Max. pressure difference (kgf/cm ²)
DN15~DN50	42
DN65~DN100 (RF)	16

Dimensions

SIZE	H1	H2	L	Weight(kg)
DN15	55	50	80 (150)	1.6
DN20	55	58	90 (150)	2.0
DN25	58	62	95 (160)	2.3
DN32	71	80	130 (210)	3.3
DN40	75	90	130 (230)	4.3
DN50	85	105	150 (230)	4.8

*Data in parentheses refer to the flange type.

Flow curve

