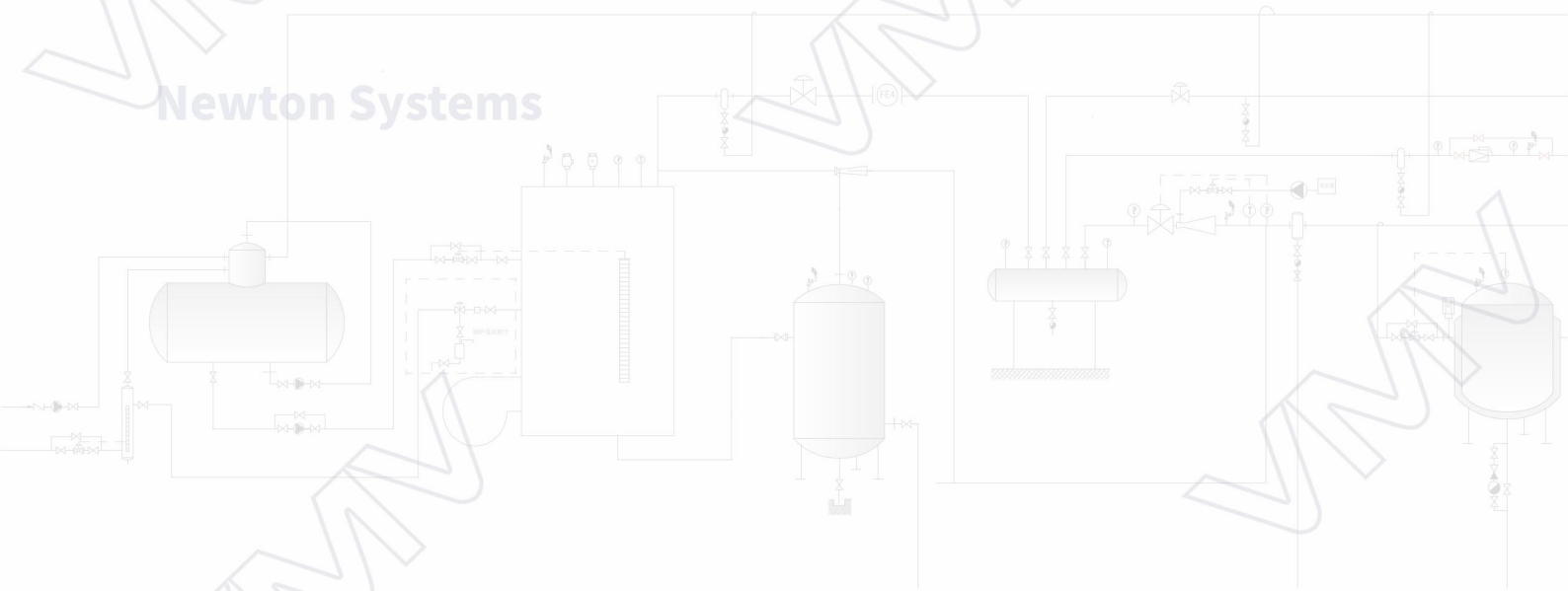


Newton Systems



STEAM TRAP SERIES

Lever Ball Float Steam Trap
SFT20A

Lever Ball Float Steam Trap

Lever Ball Float Steam Trap **SFT20A**

Working Principle

- Based on the density of vapor and liquid.

Features

- The valve body and bonnet are made of cast steel/forged steel.
- All internal parts are made of stainless steel, and the wear allowance has been fully considered in the design of movable parts, which improves the service life of the trap.
- Special flow channel design to achieve zero water hammer.
- Patented flexible closing system and micron-level precision closing system double guarantee no steam leakage and long service life.
- Built-in air exhaust valve to prevent steam lock.
- The independent filter makes the trap work in a clean environment.
- Choose different displacement curves according to the pressure.
- The back pressure rate is as high as 95%
- The drain plug is designed at the bottom of the trap to ensure that the internal water is removed after stopping, to prevented floating ball from freezing in cold weather.

Technical Standard

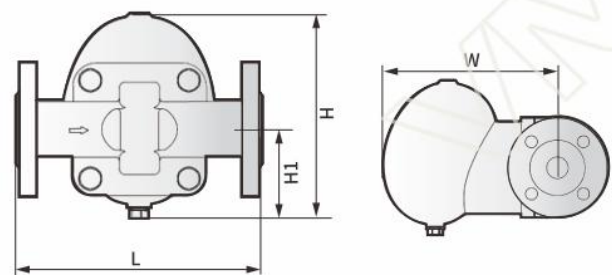
- GB/T12250-2005 Steam Trap Terminology Marking

Structure Length

- GB/T22654-2008 Technical Conditions for Steam Traps
- GB/T12251-2005 Test Method for Steam Traps
- ISO 6948 Automatic steam traps

Production and performance characteristic tests

Structure Diagram



Dimension Table

Dimension Table

						Unit(mm)
Model	Size	L	H	H1	W	Weight
SFT20AT	DN15-25	150	180	75	183	8.5 kg
SFT20AW	DN15-25	150	180	75	183	8.5 kg
SFT20AF	DN15-25	210	180	75	183	11 kg



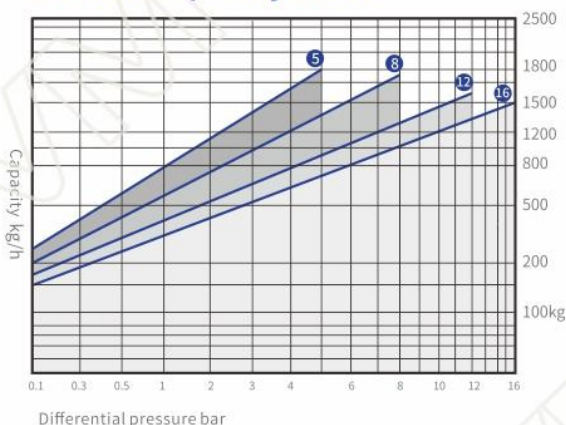
Technical Parameters

Nominal pressure	PN25
Max. allowable pressure (Shell)	2.45MPa/200°C
Max. allowable temperature (Shell)	450°C/1.03MPa
Factory steam action test	>3times/1.6MPa
Max. operating pressure	1.6MPa
Max. operating temperature	350°C
Factory cold test pressure	3.8MPa
Air test	2.0MPa

Material List

Bonnet: A105/F304/F316 Disc: 440C
 Body: WCB/CF8/CF8M Other internal parts: 304
 Seat: 420

SFT20A Capacity Curve





VMV Newton Systems®

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