

Newton Systems

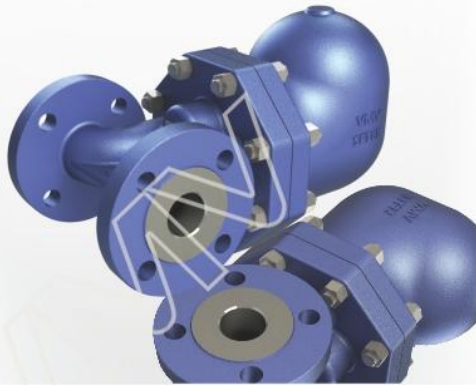


STEAM TRAP SERIES

Lever Ball Float Steam Trap
SFT66

Lever Ball Float Steam Trap

SFT66 Lever Ball Float Steam Trap



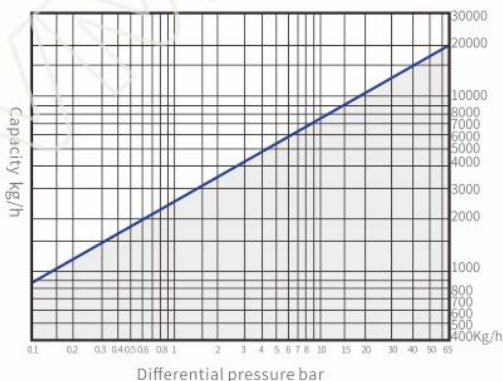
Technical Parameters

Nominal pressure	PN100
Max. allowable pressure (Shell)	9.8Mpa/200°C
Max. allowable temperature (Shell)	450°C/7.29MPa
Factory steam action test	>3 times/1.6MPa
Max. operating pressure	6.0MPa
Max. operating temperature	425°C
Factory cold test pressure	15.0MPa
Air test	2.0MPa

Material List

Bonnet: WC6	Disc: 420
Body: WC6	Other internal parts: 304
Seat: 420	

SFT66 Capacity Curve



Working Principle

- Based on the differential density of steam and liquid.

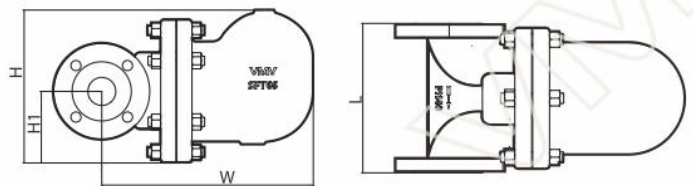
Features

- Valve body and bonnet are made of cast steel, forged steel.
- All internal parts are made of stainless steel, which improves the service life of the steam trap.
- Special flow channel design to achieve zero water hammer.
- Adopting double balanced valve seat, with an ultra long service life.
- Built-in air exhaust valve to prevent steam lock.
- Water seal design, no original steam leakage.
- Choose different capacity curves according to the differential pressure.
- Back pressure rate is as high as 95%.

Technical Standard

- GB/T12250-2005 Steam Trap Terminology Marking Structure Length
- GB/T22654-2008 Technical Conditions for Steam Trap
- GB/T12251-2005 Test Methods for Steam Trap
- ISO 6948 Automatic Steam Trap Production and Performance Characteristic Tests

Structure Diagram



Dimension Table

Unit(mm)						
Model	Size	L	H	H1	W	Weight
SFT66	DN50	330	267	114	378	41kg
	DN65	350	267	114	378	42kg
	DN80	350	267	114	378	45kg



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