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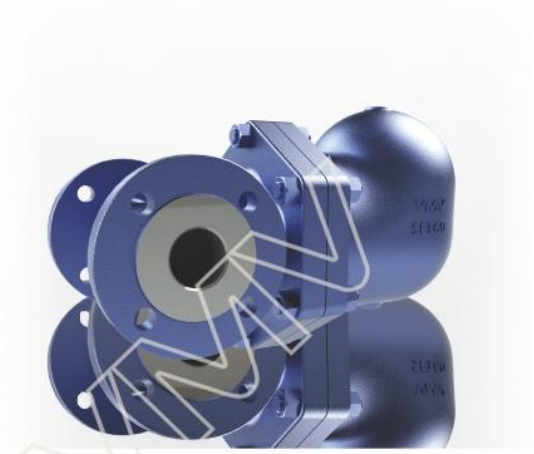
Newton Systems

STEAM TRAP SERIES

Lever Ball Float Steam Trap
SFT60

Lever Ball Float Steam Trap

Lever Ball Float Steam Trap **SFT60**



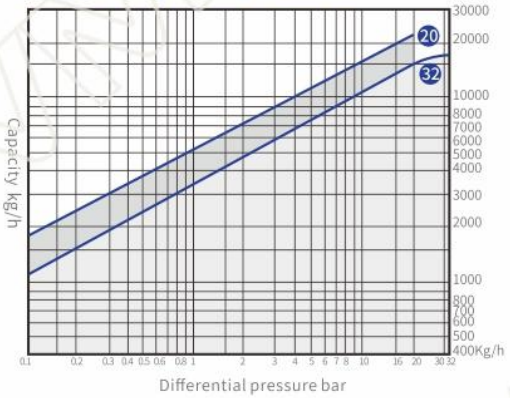
Technical Parameters

Nominal pressure	PN40
Max. allowable pressure (Shell)	3.92MPa/200°C
Max. allowable temperature (Shell)	450°C/1.66MPa
Factory steam action test	>3 times/1.6MPa
Max. operating pressure	3.2MPa
Max. operating temperature	350°C
Factory cold test pressure	6.0MPa
Air test	2.0MPa

Material List

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

SFT60 Capacity Curve



Working Principle

- Based on the differential density of steam and liquid.

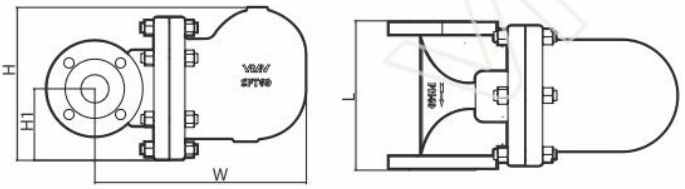
Features

- 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.
- 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%.
- Drain plug is designed at the bottom of the steam trap to ensure that the internal water will be drained, to prevent floating ball from freezing damage in cold weather.

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
SFT60	DN32	230	266	125	360	31 kg
	DN40	230	266	125	360	32kg
	DN50	230	266	125	360	33 kg

VMV Newton Systems®

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