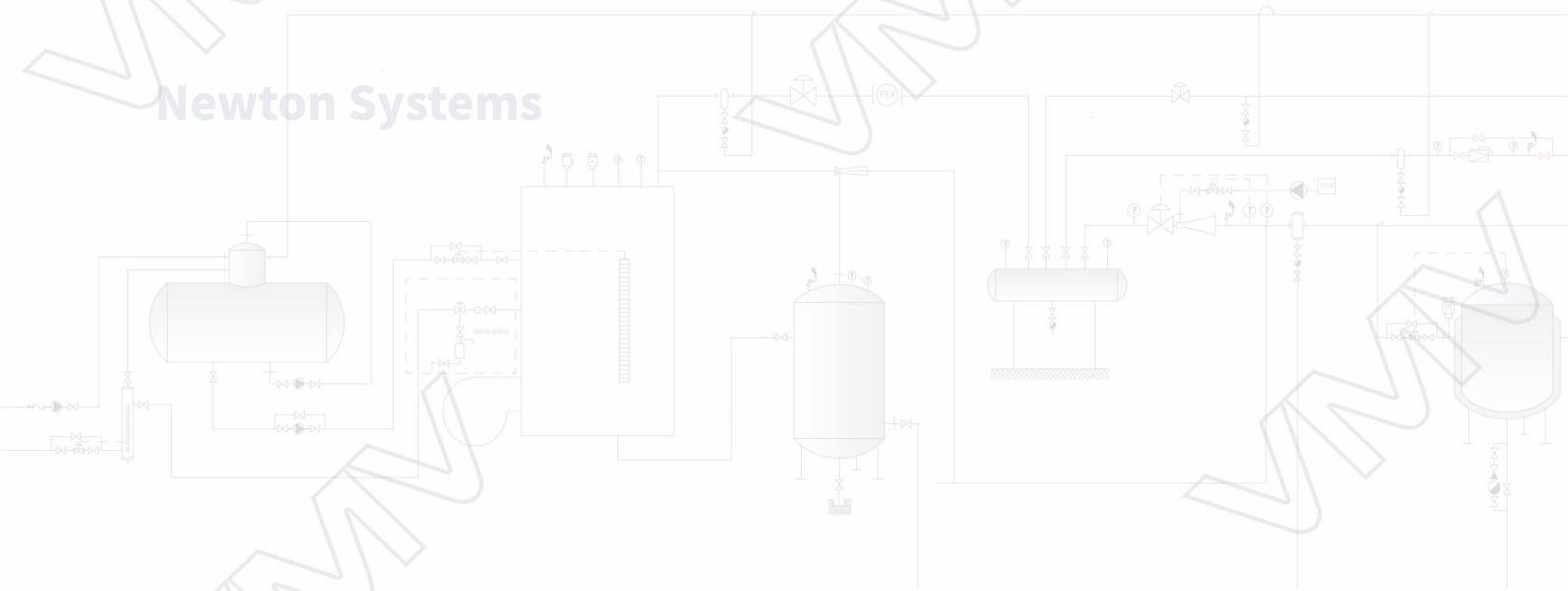


Newton Systems

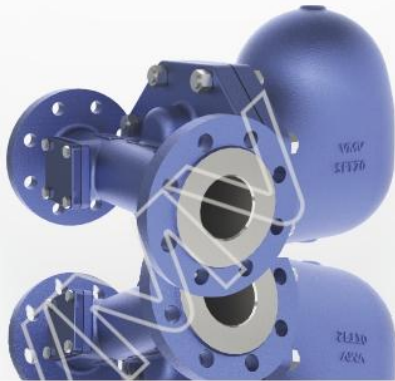


STEAM TRAP SERIES

Lever Ball Float Steam Trap
SFT70

Lever Ball Float Steam Trap

Lever Ball Float Steam Trap **SFT70**



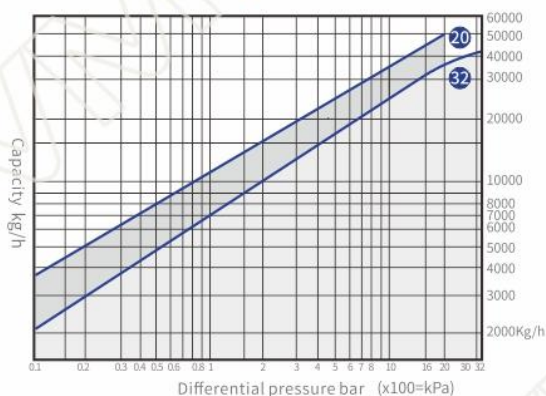
Technical Parameters

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

SFT70 Capacity Curve



Working Principle

- Based on the differential density of steam and liquid.

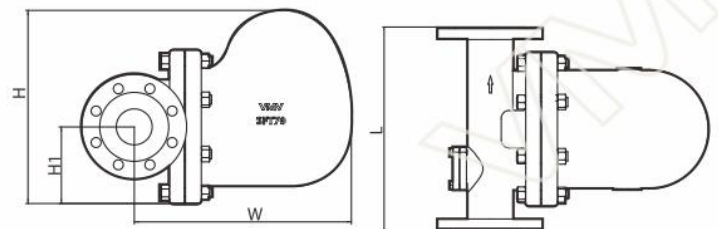
Features

- 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.
- Built-in filter makes the steam trap work in a clean environment.
- 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
SFT70	DN50	380	345	135	385	53 kg
	DN65	380	345	135	385	54kg
	DN80	380	345	135	385	56 kg



VMV Newton Systems®

ZHEJIANG NEWTON FLUID CONTROL CO.,LTD.

Headquarters (Wenzhou)

Zhiyi road, Lingxia industrial zone, Wuniu, Wenzhou,
Zhejiang, China.

Tel: 86-577-67978269

Fax: 86-577-67376711

E-mail: vmv@vmv-valve.com

Shanghai R&D Center

Jiading District, Shanghai
Building 12A, Chengbei Road
Tel: 86-18057752663

E-mail: vmv8@vmv-valve.com



www.vmvvalve.com



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