

Newton Systems



STEAM TRAP SERIES

Lever Ball Float Steam Trap
SFT80

Lever Ball Float Steam Trap

SFT80 Lever Ball Float Steam Trap



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.
- Upper and lower flow channels ensure no steam lock.
- Water seal design, no original steam leakage.
- Back pressure rate is as high as 95%.

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

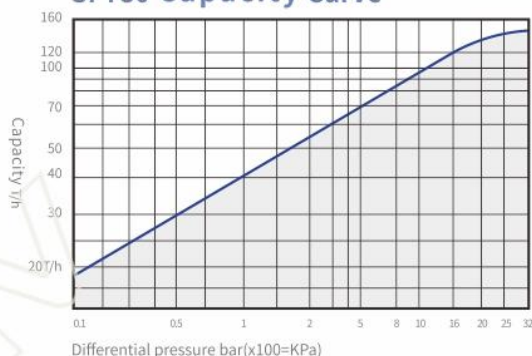
Material List

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

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

SFT80 Capacity Curve



Lever Ball Float Steam Trap

Lever Ball Float Steam Trap SFT80 **SFT80**



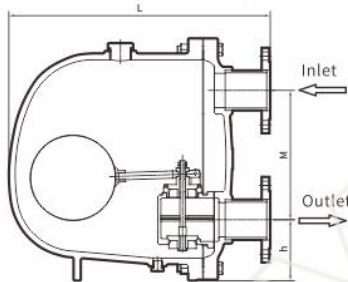
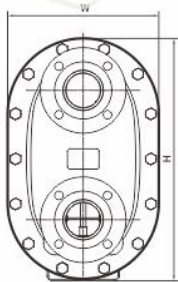
SFT80



SFT80A



SFT80B

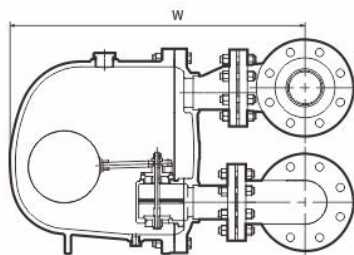
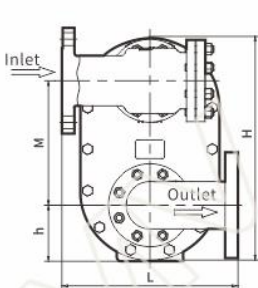


SFT80 Dimension Table

							Unit(mm)
Model	Size	L	H	W	h	M	Weight
SFT80	DN80	570	538	335	135	287	138kg
	DN100	590	538	335	135	287	145kg
	DN150	630	538	335	135	287	150kg

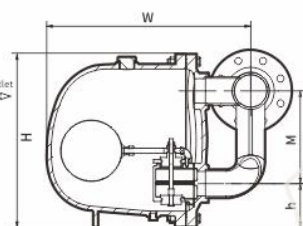
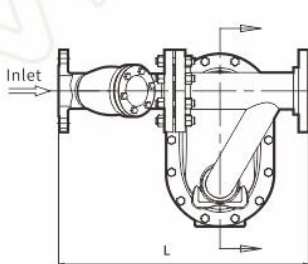
SFT80A Dimension Table

							Unit(mm)
Model	Size	L	H	W	h	M	Weight
SFT80A	DN80	310	538	620	135	287	160kg
	DN100	350	538	900	135	287	185kg
	DN150	420	538	960	135	287	200kg



SFT80B Dimension Table

							Unit(mm)
Model	Size	L	H	W	h	M	Weight
SFT80B	DN80	720	538	570	135	287	160kg
	DN100	775	538	570	135	287	190kg
	DN150	900	538	570	135	287	210kg





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