

SLFT - 76 Ball Float Steam Trap 15 NB, 20 NB, 25 NB



SLFT-76 is an uniquely designed float trap in stainless steel (CF8) construction with maintainable strainer and sight glass

SIZE

15 NB, 20 NB, 25 NB

PIPE CONNECTIONS

Screwed : BSP, BSPT, NPT, Socket Weld

Flanged : ASA 150, ASA300 Weld on

UNIQUE FEATURES

- Maintainable strainer design
- Sight glass as standard feature
- Functional test - 100% on steam

DISCHARGE CAPACITY (Kg/hr)

BALL FLOAT TRAP DISCHARGE CAPACITY Kg/hr

DESIGN CONDITIONS

- Max. allowable pressure (PMA) - 41 bar (g) @100°C
- Max. allowable temp (TMA) - 538°C
- Max. operating pressure (PMO) - 32 bar (g) at 265°C
- Max. operating temperature (TMO) - 28 bar (g) at 425°C
- Max. differential pressure - Δ Pmax

SLFT 76 - 4.5 - 4.5 bar(g)

SLFT 76 - 10 - 10 bar(g)

SLFT 76 - 13 - 13 bar (g)

SLFT 76 - 21- 21 bar (g)

SLFT 76 - 32 - 32 bar (g)

CERTIFICATION

IBR approval / En 10204 3.1

CONDENSATE DISCHARGE CAPACITY

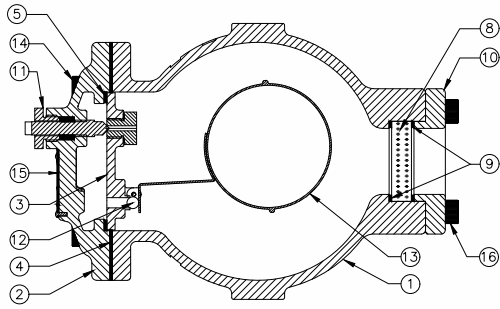
Model	Size	Differential Pressure (bar)														
		0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
SLFT76-4.5	15NB, 20NB, 25NB	540	700	755	885	949	1012	1106	1200	1315	-	-	-	-	-	-
SLFT76-10	15NB, 20NB, 25NB	240	325	380	430	470	510	540	570	598	628	652	675	690	705	725
SLFT76-13	15NB, 20NB, 25NB	130	165	190	225	245	265	283	300	315	330	347	363	374	385	394
SLFT76-21/32	15NB, 20NB, 25NB	122	155	172	190	207	225	241	258	270	287	298	308	328	350	364

Model	Size	Differential Pressure (bar)															
		8	8.5	9	9.5	10	10.5	11	11.5	12	12.5	13	17	21	25	29	32
SLFT76-4.5	15NB, 20NB, 25NB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SLFT76-10	15NB, 20NB, 25NB	745	768	790	800	810	-	-	-	-	-	-	-	-	-	-	-
SLFT76-13	15NB, 20NB, 25NB	403	417	430	442	455	463	471	480	488	496	505	-	-	-	-	-
SLFT76-21/32	15NB, 20NB, 25NB	378	387	395	403	410	417	425	431	437	442	447	461	473	481	487	491

(SLFT - 76)

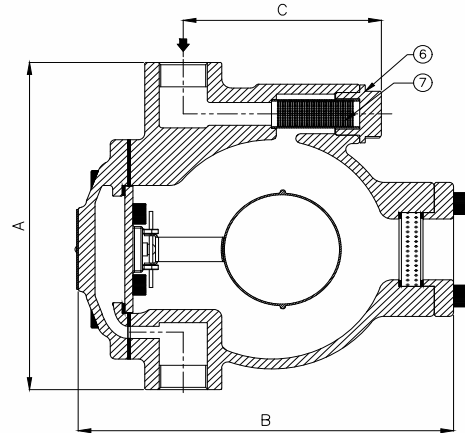
BALL FLOAT STEAM TRAP : 15 NB, 20 NB, 25 NB

CONSTRUCTION



DIMENSIONS

Screwed Connection



PART LIST

No.	Part Name	Material	Qty
1	Body	ASTM A351 Gr. CF8	1
2	Cover		1
3	Cover Mounting Plate		1
4	Cover Gasket	Graphite	1
5	Cover Mounting Plate Gasket	Graphite	1
6	Strainer Cap	ASTM A 351 Gr. CF8	1
7	Strainer Screen	AISI 304 (0.8 Perf)	1
8	Sight Glass	Toughened glass	1
9	Sight Glass Gasket	Graphite	2
10	Sight Glass Cover	AISI 304	1
11	SLR Unit	AISI 304	1
12	Ball	AISI 440C	1
13	Float Assembly	AISI 304	1
14	Allen Bolt	SS	4
15	Name Plate	AISI 304	1
16	Sight Glass Cover Bolt	AISI 304	4

SLFT - 76	A			B	C	Wt. Kg. (Approx)		
	SCR/SW	#150	#300			SCR/SW	#150	#300
15NB	215	295	305	234	124	10.5	10.9	11.2
20NB	215	300	309	234	124	10.3	11.2	11.5
25NB	215	305	317	234	124	10.1	11.4	11.8

SPARE PARTS

- Float Assembly (4.5 bar, 10 bar, 13 bar)
- Strainer screen (set of 5)
- Cover gasket (Set of 5)
- Air Vent assembly
- SLR assembly

INSTALLATION

- Trap must be installed in horizontal direction with arrow direction on nameplate pointing down (In optional case, can be installed in vertical line by opening 4-bolts & changing body orientation).
- Inlet direction arrow on pipe end must be fitted at inlet of trap.
- Slow opening of isolation valve is recommended to avoid system shock.
- Ensure proper flushing of line before installation of trap.



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