

STEAMLOK ENGINEERING

SLAFT - 75

Ball Float Air Trap - 15NB, 20NB, 25NB



SLAFT-75 is an uniquely designed air trap in SG Iron construction with maintainable strainer and sight glass.

SIZE

15 NB, 20 NB, 25NB

PIPE CONNECTIONS

Screwed : BSP, BSPT, NPT

UNIQUE FEATURES

- Maintainable strainer design
- Sight glass as standard feature
- Unique valve & Seat design
- Functional Test - 100% on Air

INSTALLATION

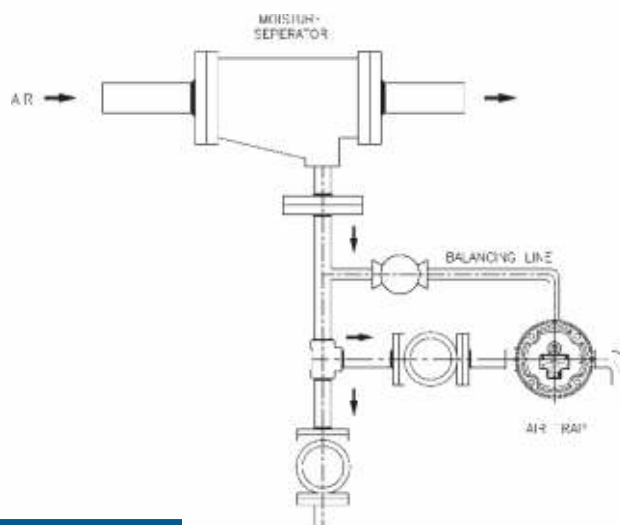
- Trap must be installed in horizontal direction with arrow direction on nameplate pointing down
- Inlet direction arrow in pipe end must be fitted at inlet of trap.
- Ensure proper flushing of line before installation of trap.
- Balancing line is must for air trap operation (Threaded connection on trap is 3/8" BSPT)

DESIGN CONDITIONS

- Max. Allowable Pressure (PMA) - 16 Bar (g) @ 100 °C
- Max. Allowable Temp (TMA) - 220 °C
- Max. Operating Pressure(PMO) - 10 Bar (g)

CERTIFICATION

En 10204 - 3.1



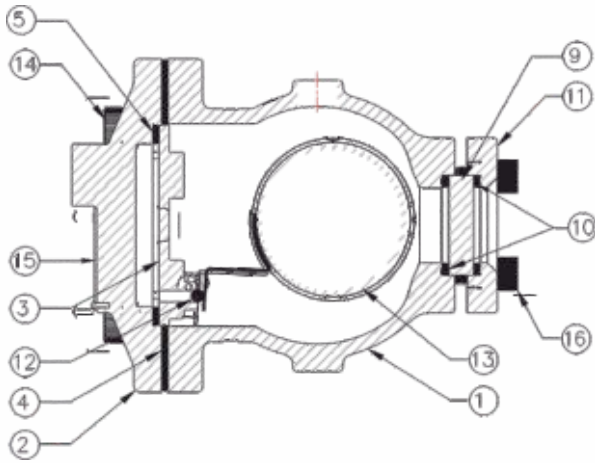
CONDENSATE DISCHARGE CAPACITY

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	8	8.5	9
SLAFT75-10	15NB, 20NB	130	185	227	264	296	325	351	378	401	424	445	466	486	505	524	541	560	576
SLAFT75-10	25NB	266	372	463	539	605	664	716	770	819	865	909	952	992	1031	1069	1105	1141	1176

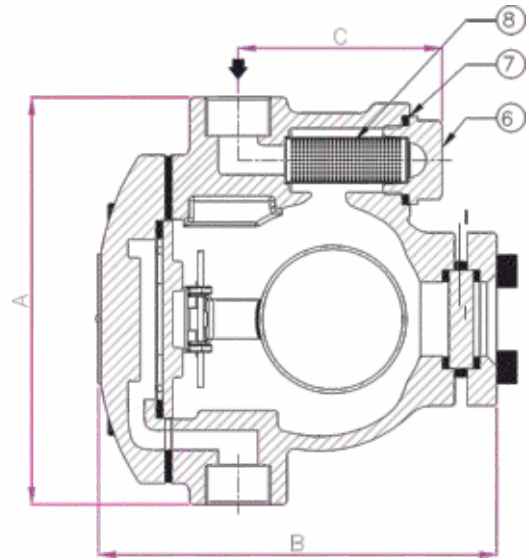


(SLAFT - 75) BALL FLOAT AIR TRAP

CONSTRUCTION



DIMENSIONS



PART LIST

NO.	DESCRIPTION	MATERIAL	QTY
1	BODY	IS 1865	1
2	COVER	SG 500/7	1
3	COVER MOUNTING PLATE	ASTM A351 GR.CF8	1
4	COVER GASKET	GRAPHITE WITH AISI 304	1
5	COVER MOUNTING PLATE GASKET	GRAPHITE WITH AISI 304	1
6	STRAINER CAP	ASTM A351 GR.CF8	1
7	STRAINER CAP GASKET	GRAPHITE WITH AISI 304	1
8	STRAINER SCREEN	AISI 304 (0.8 PERF.)	1
9	SIGHT GLASS	TOUGHENED BOROSILICATE GLASS	1
10	SIGHT GLASS GASKET	GRAPHITE WITH AISI 304	2
11	SIGHT GLASS COVER	ASTM A516 GR.70	1
12	BALL	AISI 440C	1
13	FLOAT ASSEMBLY	AISI 304	1
14	ALLEN BOLT	HIGH TENSILE 10.9	4
15	NAME PLATE	AISI 304	1
16	SIGHT GLASS COVER BOL	HIGH TENSILE 10.9	4

Screwed

SLAFT - 75	A	B	C	Wt.(Approx)
15, 20 NB	165	161	83	6.1 kg
25NB	175	176	87	6.8 kg

SPARE PARTS

- Float Assembly
- Strainer Screen (Set of 5)
- Cover Gasket (Set of 5)

HOW TO ORDER

Ex. SLAFT-75, Ball Float Air Trap in SG Iron.
15NB, Screwed BSPT, 10 bar (g), Non IBR.



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