

## COMPRESSED AIR BALL FLOAT TRAPS FA 21 SS ( Stainless Steel )

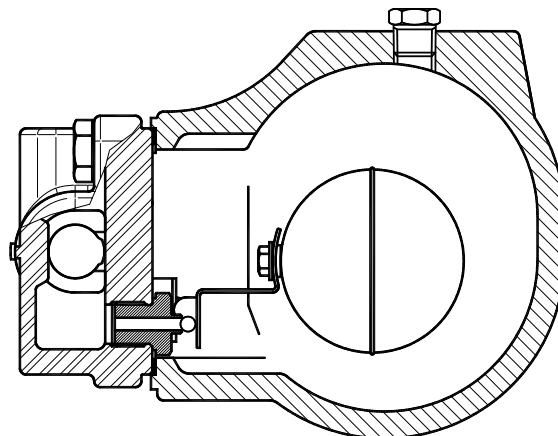
### DESCRIPTION

FA21SS series compressed air float traps are specially design for draining water from high pressure compressed air and gas lines.

Applications on aftercoolers, separators and compressed air and gas mains.

An air balance pipe must be fitted allowing the air trapped in the trap body to escape, avoiding obstructing of condensate flow.

Connections are flange or female screwed.



### MAIN FEATURES

Modulating discharge.

Unaffected by sudden or wide load and pressure changes .

**OPTIONS:** Internal strainer (only on horizontal models).  
Equalizing and drain plug on body.  
Lifting lever.

**USE:** Compressed air and non corrosive gas compatible with the construction.

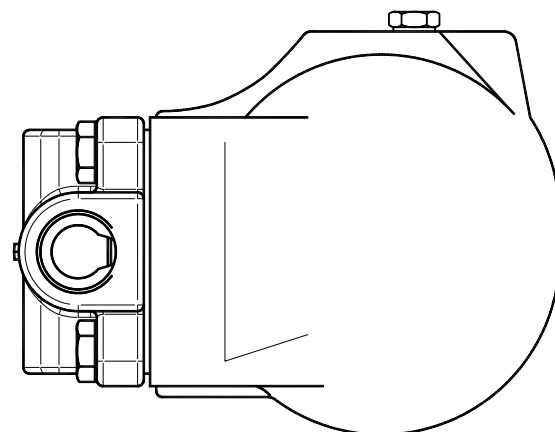
### AVAILABLE MODELS:

FA 21SS-21.

**SIZES:** DN 1/2" - 1" , DN 15 - DN 25.

**CONNECTIONS:** Female screwed ISO 7/1Rp(BS21)  
Flanged EN 1092-1 PN40. Special flanges upon request.

**INSTALLATION** Horizontal or vertical installation .

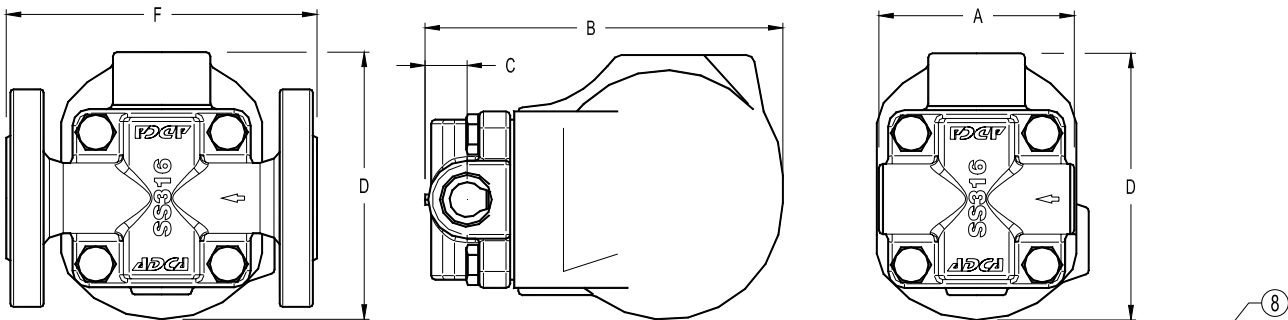
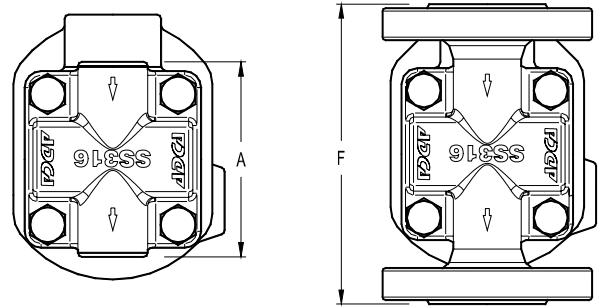


PMA – Max.allowable pressure	25 bar
TMA – Max.allowable temperature	300 °C
PMO – Max.operating pressure	21 bar
TMO – Max.operating temperature	200 °C

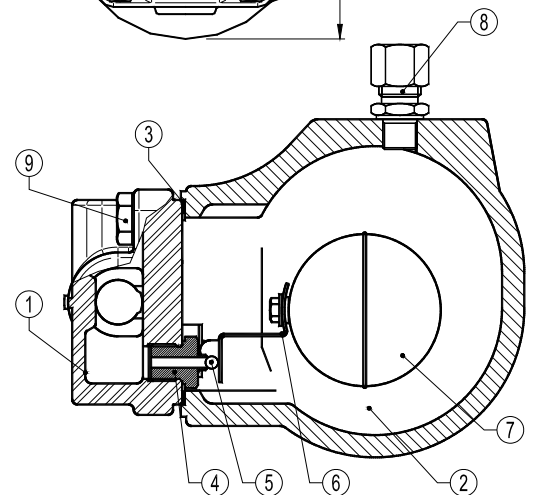
APPLICATION LIMITS	
Min.Liquid specific weight	0,75 Kg/dm <sup>3</sup>
Maximum working dif.pressure-FA21-21	21 bar

FLOW RATE CAPACITY IN Kgs/h																
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)														
		0,5	1	1,5	2	3	4,5	6	7	8	9	10	12	14	16	21
FA21SS	15 - 25	75	100	125	155	180	220	255	275	290	305	320	345	375	420	480

DIMENSIONS (mm)-Screwed					EN 1092-1 Flanges		
SIZE DN	A	B	C	D	WGT. Kgs	F	WGT. Kgs
15	95	178	23	128	5,2	150	6,7
20	95	178	23	128	5,2	150	7,2
25	95	178	23	128	5,2	160	7,7



MATERIALS		
POS.Nr.	DESIGNATION	MATERIAL
1	Body	CF8M / 1.4408
2	Cover	CF8M / 1.4408
3	*Gasket	Stainless st./Graphite
4	*Seat	AISI 410 / 1.4006
5	*Valve	AISI 410 / 1.4006
6	*Lever	AISI 304 / 1.4301
7	*Float	AISI 304 / 1.4301
8	**Compression fitting	St. Steel or Steel Fe / Zn
9	Bolts	St. Steel A2-70



\*Available spare parts. \*\*Optional

### Typical Installation

