

COMPRESSED AIR BALL FLOAT TRAPS FA16SS (Stainless steel)

DESCRIPTION

The FA16SS series are fully automatic ball float traps, extremely compact in dimension and light in weight, specially designed for draining water from compressed air lines.

Usual applications include aftercoolers, separators and compressed air mains.

Connections are female screwed.

MAIN FEATURES

Corrosion resistant.

Replaceable internal parts.

Modulating discharge.

Unaffected by sudden or wide load and pressure changes.



OPTIONS: Compression fitting.
Hand purging knob.

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

AVAILABLE MODELS: FA16SS.

SIZES: 1/2" and 3/4".

CONNECTIONS: Inlet 1/2" or 3/4" vertical (top to bottom).
Outlet 1/2" vertical.
Female screwed ISO 7/1Rp (BS21).

INSTALLATION: Vertical installation. It must be installed absolutely vertically at the points in the plant where the condensate tends to collect. The drain should be piped to a safe position. See IMI – Installation and maintenance instructions.

APPLICATION LIMITS	
Min. liquid specific weight	0,75 kg/dm ³
Maximum working diff. pressure	14 bar

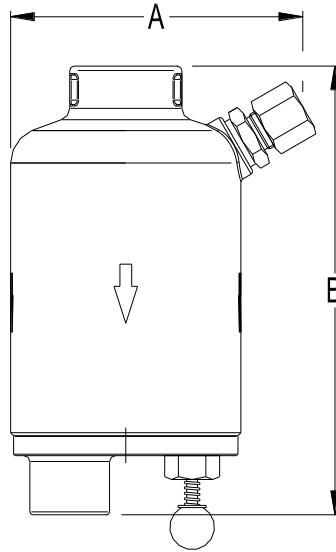
CE MARKING – GROUP 2 (PED – European Directive)	
PN16	Category
1 1/2" to 2" – DN 40 to 50	SEP

BODY LIMITING CONDITIONS	
THREADED PN16	RELATED TEMP.
ALLOW. PRESS.	
16 bar	100 °C
14,5 bar	150 °C
13,4 bar	200 °C
12,7 bar	250 °C

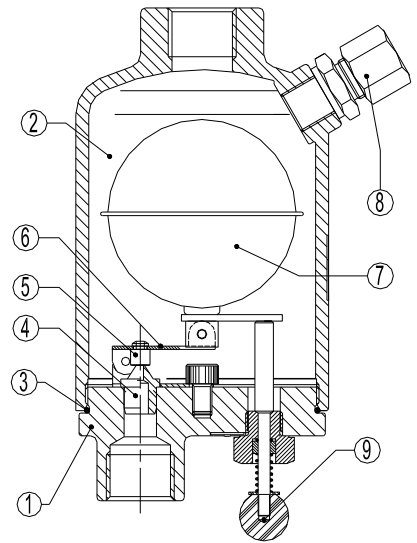
PMO – Max. operating press. 14 bar;
TMO – Max. operating temp. 180 °C;

FLOW RATE CAPACITY (kg/h)														
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)												
		0,5	1	1,5	2	3	4	6	7	8	9	10	12	14
FA16SS	1/2" to 3/4"	120	145	180	190	230	250	300	330	340	360	380	400	430

DIMENSIONS (mm)			
SIZE	A	B	WGT. (kg)
1/2"	110	152	1,6
3/4"	110	152	1,6



MATERIALS		
POS. N°	DESIGNATION	MATERIAL
1	Body	CF8M / 1.4408; AISI 316 / 1.4401
2	Cover	CF8M / 1.4408; AISI 316 / 1.4401
3	* O-ring	NBR
4	* Seat	AISI 316 / 1.4401
5	* Valve	Viton
6	* Lever	AISI 304 / 1.4301
7	* Float	AISI 304 / 1.4301
8	** Compression fitting a)	Fe/Zn 12 – ISO 2081
9	** Hand purging knob	AISI 304 / 1.4301



* Available spare parts.
** Optional.

TYPICAL INSTALLATION

