COMPRESSED AIR BALL FLOAT TRAPS
FA16SS (Stainless steel)

DESCRIPTION

FA16SS is a fully automatic ball float trap extremely compact in dimension and light in weight, specially designed for draining water from compressed air lines.
Applications on after coolers, 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 valve.

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

AVAILABLE MODELS: FA16SS

SIZES: DN 1/2" and ¾".

CONNECTIONS: Inlet ½" or ¾" vertical (top to bottom)
Outlet ½" 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/dm3
Maximum working dif. pressure	14 bar

BODY LIMITING CONDITIONS	
Threaded PN16 ALLOW. PRES.	RELATED TEMP.
16 bar	100 ºC
14,5 bar	150 ºC
13,4 bar	200 ºC
12,7 bar	250 ºC

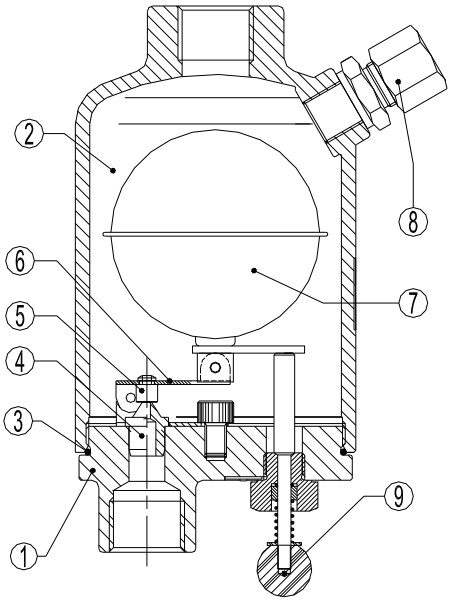
PMO - Max. operating pressure 14 bar
TMO - Max. operating temperature 180 ºC

FLOW RATE CAPACITY IN Kg / h														
MODEL	*SIZE*	*DIFFERENTIAL PRESSURE (bar)*												
		0,5	*1*	*1,5*	*2*	*3*	*4*	*6*	*7*	*8*	*9*	*10*	*12*	*14*
FA 16SS	**1/2"-3/4"**	120	145	180	190	230	250	300	330	340	360	380	400	430

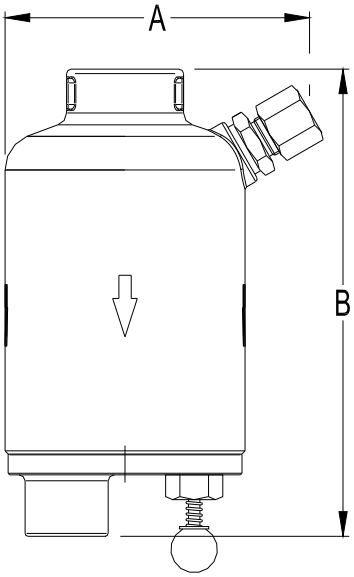
We reserve the right to change the design and material of this product without notice.

MATERIALS		
POS.Nr.	***DESIGNATION***	***MATERIAL***
1	Body	CF8M / 1.4408 ; AISI316 / 1.4401
2	Cover	CF8M / 1.4408 ; AISI316 / 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 a)	Compression fitting	Fe / Zn 12 - ISO 2081
9 b)	Hand purging valve	AISI 304 / 1.4301

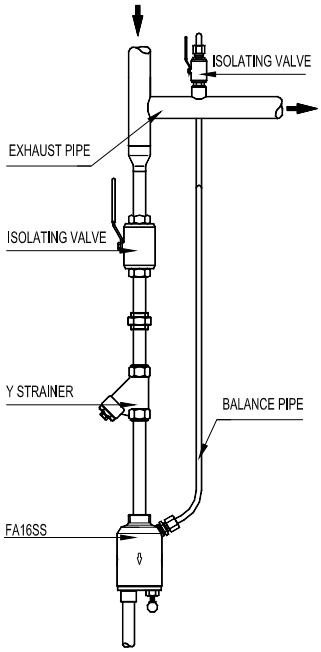
*Available spare parts.
a) 1/4" x 8 mm compression fitting
b) Hand purging valve

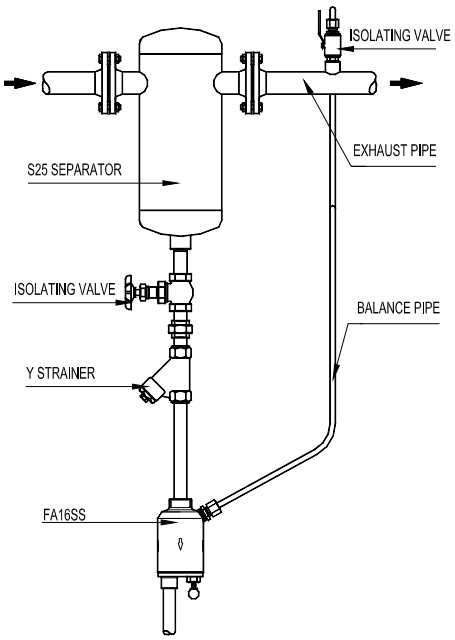


DIMENSIONS (mm)			
SIZE DN	***A***	***B***	***WGT. Kgs***
1/2"	110	152	1,6
3/4"	110	152	1,6



Typical Installation





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