

# FLOAT STEAM TRAP SCREW END / FLANGED ADCA FLT 17

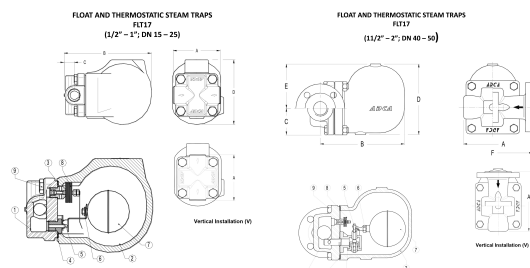
Материал nodular Iron EN-JL1030

Налягане PN 16

Размер 1/2" - 2"

## GENERAL DESCRIPTIONS

The ball float mechanism guarantees the direct discharge of condensate. The automatic air vent ensures the discharge of non-condensing gases. The ball float steam trap is designed for horizontal installation. A version for vertical stallation is available upon request. The ball float steam trap is designed for a maximum differential pressure of 4,5 bar. To drain the condensate from steam lines



## OPERATION

The (nodular) cast iron float steam traps with a special float mechanism guarantee a direct discharge of large quantities of condensate. The automatic air vent ensures the discharge of non-condensable gases.

## MEDIA

Steam.

## OPTIONS

SLR (Steam Lock Release) version

Adjustable needle valve

Internal strainer screen

Horizontal installation with the flow from left to right

Vertical installation with the flow from top to bottom

N°	Position	Materials	Specification	
			Standard	DIN
1	Body	nodular iron GJS-400-15 / 0.7040	Standard	DIN
2	Cover	nodular iron GJS-400-15 / 0.7040	Connection standard	threaded BSPP / flanged EN1092-2, ANSI 150
3	Cover sealing	stainless steel / graphite	Cap connection	bolted
4.1	Seat DN15 - DN25	stainless steel AISI 410 / 1.4006	Construction	straight
4.2	Seat DN40 - DN50	stainless steel CF8 / 1.4308	Actuation	automatic
5.1	Disk	stainless steel AISI 440C / 1.4125	Air release	automatic
5.2	Disk	stainless steel AISI 420C / 1.4021	Max. differential pressure	4.5 ; 10 ; 14 Bar
6	Rod	stainless steel AISI 304 / 1.4301	Mounting	horisontal / vertical
7	Float	stainless steel AISI 304 / 1.4301		
8	Thermostatic air release	stainless steel (bimetal)		
9	Bolt	steel 8.8		

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Flow capacity (kg/h)																	
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)															
	DN	0,1	0,3	0,5	0,7	1	1,5	2	3	4,5	6	7	8	9	10	12	14
FLT17-4,5	15 - 25	165	205	230	280	330	400	440	535	630	-	-	-	-	-	-	-
FLT17-10	15 - 25	110	130	150	170	200	250	280	340	400	460	495	520	550	595	-	-
FLT17-14	15 - 25	80	100	120	140	150	190	220	260	320	380	400	425	440	480	510	550
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)															
	DN	0,1	0,3	0,5	0,7	1	1,5	2		4,5		7			10	12	14
FLT17-4,5	40 - 50	1050	1750	2400	2700	3400	3900	4500		7300		-			-	-	-
FLT17-10	40 - 50	650	1100	1500	1700	2000	2600	3000		4000		5400			6200	-	-
FLT17-14	40 - 50	430	720	950	1100	1300	1600	1800		2600		3250			3900	4210	4950

Max working pressure (bar) / °c	-10/100 °c	150 °c	200 °c	250 °c	[°c]
PN16	16	15,5	14,7	13,9	[bar]
PMO - max. working pressure				14	[bar]
TMO - max. workign temperature				198 °C	[°C]
max. differential pressure				4,5	[bar]