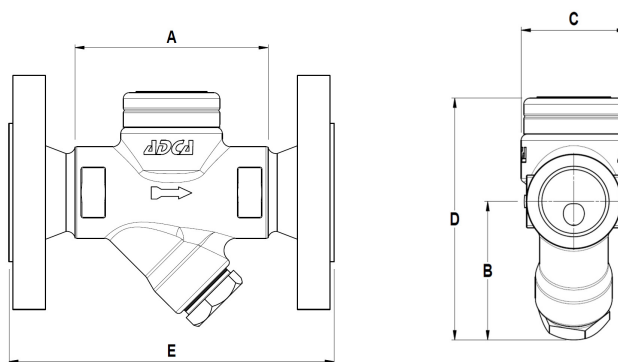


THERMODYNAMIC STEAM TRAP SCREW ENDS / FLANGED ADCA DT 46

Материал cast steel 1.0460
 Налягане PN 100
 Размер 1/2" - 1" / DN 15 - 25

TECHNICAL DESCRIPTION

ADCA DT 46 thermodynamic steam traps are compact and easy to install and are excellent for embedding in high-pressure systems, including "Stream tracing" applications. The insulating coating provides consistent work and makes them practical for those applications where climatic conditions such as rain and wind affect their normal operation. The steam traps of this type have only one movable element and are used in a wide range of working pressure without additional adjustment. Connection could be thread or flange.



OPERATION

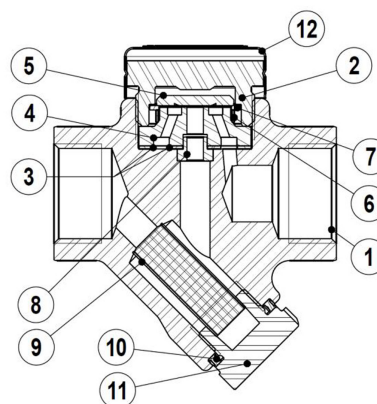
Discharge with interruption. Standard insulating coating. Saturated and superheated steam. The seat and valve have the option of replacing them without removing the condensate separator. It is not affected by hydraulic shocks and vibrations in the system. Built-in filter is easy to service.

WORKING FLUIDS / MEDIA

- Steam - saturated and superheated.

OPTIONS:

- Purge valve.



No.	Position	Materials	Specification	
			Standard	DIN
1	Body	P250GH / 1.0460	Standard	DIN
2	Cover	AISI 304 / 1.4301; AISI 303 / 1.4305	Connection	threaded BSP / flanged
3	Gasket	stainless steel / graphite	Cover connection	threaded
4	Seat	hardened stainless steel	Construction	straight
5	Valve	hardened stainless steel	Operation	automatic
8	Bush	AISI 304 / 1.4301	Air release	automatic
9	Strainer screen	AISI 304 / 1.4301	Mounting	horizontal
10	Gasket	stainless steel / graphite		
11	Plug	A105 / 1.0432		
12	Insulating coating	AISI 304 / 1.4301		

THERMODYNAMIC STEAM TRAP SCREW ENDS / FLANGED ADCA DT 46

Материал cast steel 1.0460
Налягане PN 100
Размер 1/2" - 1" / DN 15 - 25

Max working parameters					
Max. working pressure / bars					τ max. [°C]
Flanged pn 40 / ansi 300	Flanged ansi #150	Flanged pn 63	Flanged pn 100	Flanged ansi #600	
40 bar	19,3 bar	63 bar	100 bar	90,5 bar	50 °C
37,1 bar	17,7 bar	58,5 bar	92,8 bar	80,2 bar	100 °C
33,3 bar	14 bar	52,5 bar	83,3 bar	72 bar	200 °C
27,6 bar	10,2 bar	43,5 bar	69 bar	59,7 bar	300 °C
23,8 bar	6,5 bar	37,5 bar	59,5 bar	51,4 bar	400 °C

Flow rate (kg/h)															
МОДЕЛ	DN	DIFFERENTIAL PRESSURE (bar)													
		1,5	3	5	7	9	12	15	18	21	24	30	35	42	46
DT 46 (hot)	DN 15 - DN 25	70	100	130	175	190	200	225	240	250	270	290	300	310	320
	1/2" - 1"	70	100	130	175	190	200	225	240	250	270	290	300	310	320
DT 46 (cold)	DN 15 - DN 25"	170	230	300	335	390	435	485	520	575	600	645	695	740	800
	1/2" - 1"	170	230	300	335	390	435	485	520	575	600	645	695	740	800

Threaded or butt welded						Flanged en pn 16 / pn 40		Flanged en pn 63		Flanged ansi 150		Flanged ansi 300	
DN	A	B	C	D	kg	E	kg	E	kg	E	kg	E	kg
15 - 1/2"	95	60	50	109	1,3	150	2,8	150	3,7	150	3,9	150	4,9
20 - 3/4"	95	60	50	109	1,2	150	3,3	150	5,2	150	4,8	150	7
25 - 1"	95	66	50	115	1,5	160	4,1	160	6,7	160	6,5	160	8,5