

# THERMODYNAMIC STEAM TRAP SCREW ENDS / FLANGED ADCA DT 40/2

Материал stainless steel CF8 / 1.4308

Налягане PN 16-40

Размер 3/8" - 1" / DN 10 - 25

## TECHNICAL DESCRIPTION

The thermodynamic DT 40/2 steam traps are compact and lightweight, easy to install traps, excellent for use in high pressure systems. The insulation coating provides constant work and makes it particularly suitable for applications where climatic conditions, such as rain and wind, can affect normal operation.

Basic function is to drain (remove) condensate from the steam installation.

## WORKING FLUID / MEDIA

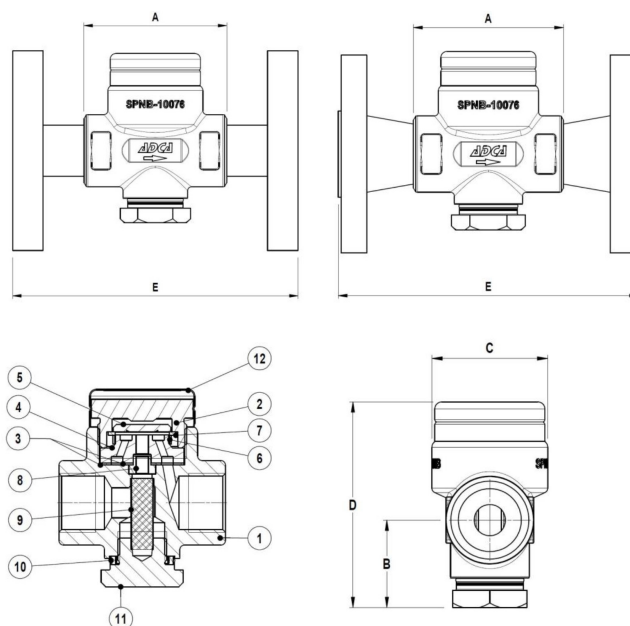
Saturated and superheated steam.

## CONSTRUCTION

- Standard IOL cap
- Adjusting needle valve
- Working with overheated steam
- Ability to easily replace the saddle and disk without dismantling the condensate pot from the line
- It is not affected by vibrations and water impacts
- Easy cleaning of the filter element

## OPTIONS

- Threaded 3/8" ÷ 1"
- Flanged DN 10 ÷ DN 25
- For welding (on request)



No.	Part	Material
1	Body	CA-40 / 1.4729
2	Cover	AISI 304 / 1.4301; AISI 303 / 1.4305
3	Disc	AISI 420 / 1.4021
4	Strainer screen	AISI 304 / 1.4301
5	Gasket	StainlessSt./Graphite
6	Strainer cap	AISI 304 / 1.4301

Specifications	
Building standards:	DIN

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Specifications	
Connection:	Female screwed BSP
Bonnet connection:	Screw bonnet
Execution:	Straight
Operation:	Automatic
Air release:	With automatic air release
Mounting:	Preffered horisontal, can be installed in any position

Max. working pressure (bar) at °c	
PMO - maximum operating pressure	40 [bar]
PMA - maximum allowable pressure	63 [bar]
TMA - maximum allowable temperature	400 [°C]
TMO - maximum operating temperature	350 [°C]
Maximum back pressure	inlet presure 0.8 Bar

Flow rate capacity in kg/h														
MODEL	SIZE/DN	DIFFERENTIAL PRESSURE (bar)												
		0.5	1	3	6	9	12	15	18	21	24	30	35	40
DT 40S	3/8"-15	80	85	115	150	190	210	250	300	310	350	420	490	510
DT 40S	1/2"-20	140	170	250	330	400	490	500	580	605	690	720	800	820
DT 40S	3/4"-25	190	225	345	480	590	700	750	810	900	990	1100	1300	1390
DT 40S	1"-25	290	350	500	700	830	995	1200	1290	1320	1500	1750	1800	1995

Size dn	A	B	C	D	E	Wgt.kg
3/8"	70	35	40	73.5	39	0.58
1/2"	70	35	40	73.5	39	0.61
3/4"	75	35	40	77.5	46	0.9
1"	90	35	50	90	52.5	1.3