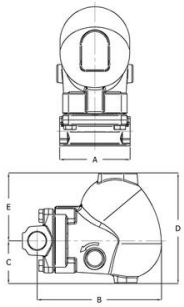
ADCA Ball float steam trap Type: 5134E Series: FLT steel maximum pressure difference 21 bar internal thread

ADCA float steam traps are universally applicable in all steam systems. The float mechanism guarantees a direct discharge of condensate at steam temperature. There is no stalling or subcooling in front of the steam trap, enabling a maximum heat transfer to take place in your heat exchanger. Due to the integrated bi-metal vent, the ADCA float steam traps will quickly discharge the air and other non-condensable gases during the start-up, which significantly reduces the start-up time. Due to the modulating action of the float, the ADCA float steam traps are insensitive to sudden changes in capacity or pressure. Another considerable advantage is that you can adjust the flow direction yourself; both from left to right and vice versa, as to vertical.



Characteristics

Series: FLT
Type: 5134E
Connection: Internal thread
Standard connection: ISO 7/1 Rp
Maximum pressure difference: 21 bar
PMA - maximum allowable pressure: 37.1 bar
TMA - maximum allowable temperature: 300 °C
PMO - maximum operating pressure: 32 bar
TMO - maximum operating temperature: 250 °C
Housing material: Steel
Material bonnet: Steel
Seat material: Stainless steel 303 (1.4305)
With automatic de-aerator: Yes
With built-in filter: No
Approvals: PED 2014/68/EU fluid group 2

Application

- Universally applicable for directly discharging of large quantities of condensate in among others: Heat exchangers.
- Air heaters.
- Counter current devices.

Technical Information

- CE marking - Group 2 (PED - European Directive): Normal capacity version: Category SEP.
- High capacity version: Category 1 (CE marked).

Options

- Steam Lock Release (SLR).
- Vent valve (HVV).
- Drain valve (BDV).
- Anti Freezing Unit (AFZ).
- Float lever (FLL).
- Vacuum breaker (VB21M).

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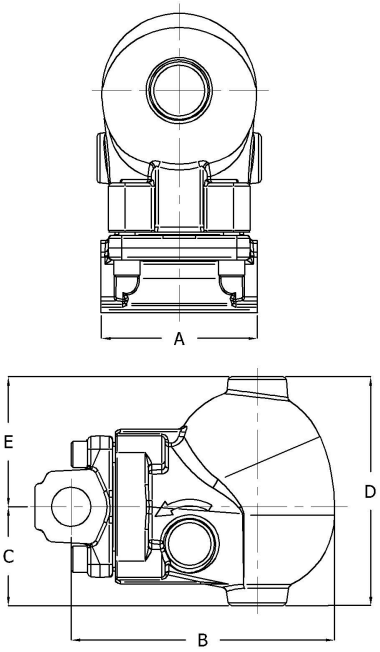

Size table:

DN	Capacity	A	B	D	C	E	Weight
		mm	mm	mm	mm	mm	kg/s
1/2" [15]	SC	95	160	139	60	79	4.9
1" [25]	HC	120	212	189	73	116	8.9
1" [25]	SC	95	160	139	60	79	4.9
3/4" [20]	SC	95	160	139	60	79	4.9

Capacity table in kg/h												
Capacity	Size	Pressure difference (bar)										
		0.5	1	1.5	2	4.5	7	10	12	14	16	21
SC	1/2" - 1"	148	205	228	255	353	418	485	530	560	595	635
HC	1"	255	335	380	410	555	680	745	790	815	895	920

Connection size	Nominal inner diameter	Pressure rating	Capacity type	Material quality body	Material quality	Mounting direction	Flow direction	PED classification	Article
1/2" BSP	DN15	PN40	SC	1.0460	ASTM A216 WCB/1.0619	Horizontal	right → left	PED-SEP	14257596
1" BSP	DN25	PN40	HC	1.0460	ASTM A216 WCB/1.0619	Horizontal	right → left	PED cat. I	14257599
1" BSP	DN25	PN40	SC	1.0460	ASTM A216 WCB/1.0619	Horizontal	right → left	PED-SEP	14257598
3/4" BSP	DN20	PN40	SC	1.0460	ASTM A216 WCB/1.0619	Horizontal	right → left	PED-SEP	14257597

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