SANITARY CHECK VALVE
SRT10

DESCRIPTION

The SRT10 all stainless steel disc check valve has a compact design and are specially designed for use with clean steam, hot condensate and other process fluid applications.
They are particularly recommended for high purity applications.

MAIN FEATURES
Compact design.
Completely machined from barstock material, no castings or forgings are used on the standard version.

STANDARD SURFACE FINISH
Internal wetted parts: ≤ 0,51 micron Ra – SF1.
External : ≤ 0,76 micron Ra – SF3.
Other surface conditions see IS PV20.00-Technical information.
Ultrasonic cleaning.

OPTIONS:

USE:	Clean steam, water and other gases and liquids compatible with the construction.
AVAILABLE MODELS:	SRT10 – Vertical installation. SRTH10 – Horizontal installation.
SIZES:	1/2” to 4”.
CONNECTIONS:	Clamp ends or others on request.
PACKAGING:	Assembling and packaging in a clean room certified according to ISO 14644-1. The product is end capped and sealed with recyclable thermo-shrinkable plastic film to avoid contamination.
INSTALLATION:	Vertical or horizontal according to the selected reference and type of fluid.

CE MARKING - GROUP 2 (PED - European Directive)	
Sizes	**Category**
1/2" to 4"	SEP

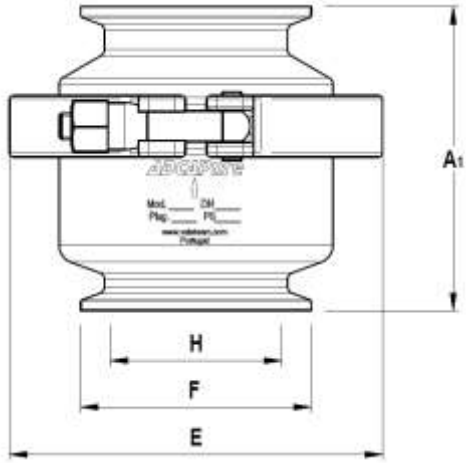
LIMITING CONDITIONS	
Valve model	**SRT10**
Body design conditions	PN 10
Maximum operating pressure	10 bar
Maximum op. Temperature - EPDM seals	150 °C
Maximum op. Temperature - FEP seals *	200 °C
Minimum operating temperature	- 10 °C

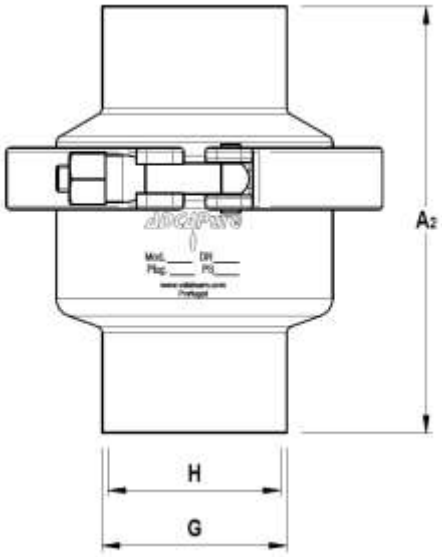
Higher and lower limits on request.
* FEP (PTFE coated silicone).

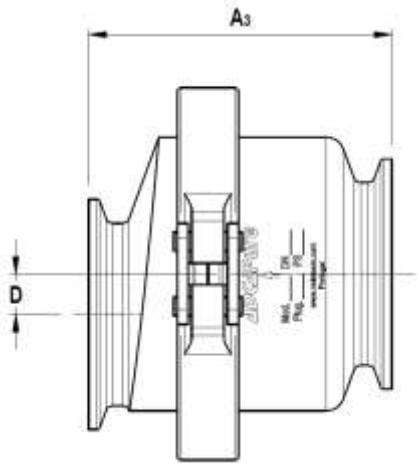
We reserve the right to change the design and material of this product without notice.

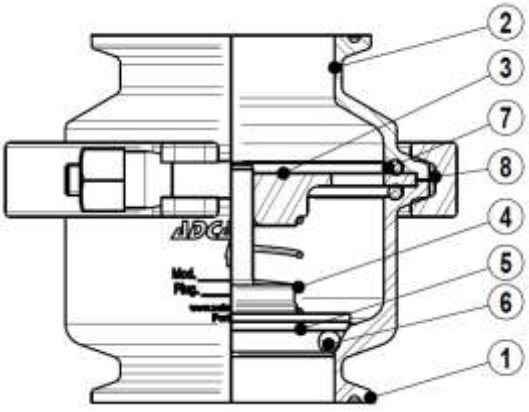
VALVE DIMENSIONS (mm) ASME BPE									
SIZE	A_1	A_2	A3	D	E	F	G	H	WGT. Kg
1/2"	50	95	50	11,8	61	25	12,7	9,4	0,4
3/4"	50	95	50	8,6	61	25	19,05	15,8	0,5
1"	60	98	60	5,5	61	50,5	25,4	22,1	0,6
11/2"	69	109	69	11,1	90	50,5	38,1	34,8	1,1
2"	84	78	122	11,3	104	64	50,8	47,5	1,4
21/2"	89	92	89	9,9	119	77,5	60,2	63,5	1,8
3"	98	133	98	11,1	134	91	72,9	79,2	2,6
4"	109	144	109	14,3	170	119	97,38	101,6	4,9

Face to face dimensions are not standardized. Diferent dimensions available on request.









MATERIALS		
POS.	*DESIGNATION*	*MATERIAL*
1	Valve inlet body	AISI 316L / 1.4406
2	Valve outlet body	AISI 316L / 1.4404
3	Guide plate	AISI 316L / 1.4404
4	Spring	AISI 316 / 1.4401 Electropolished
5	* Valve and stem	AISI 316L / 1.4404
6	* Valve seal	** EPDM
7	* Body seals	** EPDM
8	Safety clamp	AISI 316 / 1.4401

* Available spare parts.

** Available on request: FEP (PTFE coated silicone) and others.

Remarks: FDA/USP Class VI seals certificate on request

All products have a serial number. In case of non-standard valves this number must be supplied if spare parts are ordered.

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