



High Temperature Screwed Check valve in 316 St St

- Compact check Valve
- Suitable for Steam, Air & Water
- 3/8" - 2" BSP
- Low pressure drop
- Simple and compact design
- 316 Stainless steel
- Max Pressure 25 Bar

> Description

High Temperature Non Return Valve
The CV4676 (RT25) all stainless steel disc check valve has a compact design and is specially designed for use with steam and hot condensate. Connections are female screwed (socket weld on request) and for use with Saturated steam water and condensate.
USE : Saturated steam water and condensate
SIZES : 3/8" to 2"
CONNECTIONS : Female screwed ISO 7/1 (BS21)
INSTALLATION : Horizontal or vertical installation See IMI, installation and maintenance instructions

> On request

Soft seats: EPDM, PTFE and Viton



Description

The high temperature spring check valve is manufactured in stainless steel. Specially designed for use with steam and hot condensate
Connections are female screwed
Used for saturated steam Water and condensate.



Beschreibung

Das Hochtemperatur-Federrückschlagventil ist aus Edelstahl gefertigt. Speziell entwickelt für den Einsatz mit Dampf und heißem Kondensat
Anschlüsse sind weiblich verschraubt
Verwendet für Sattedampf Wasser und Kondensat.



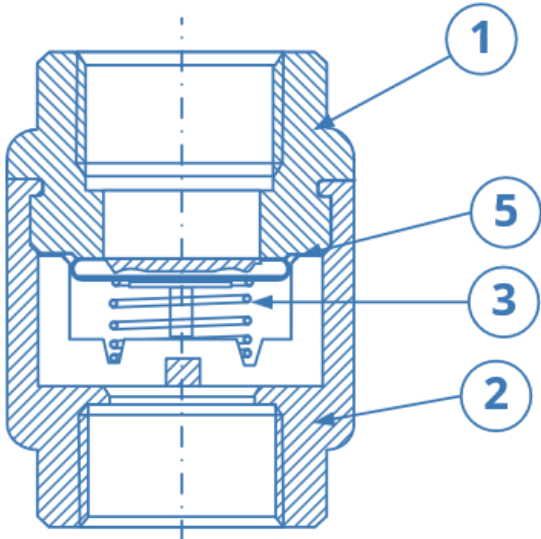
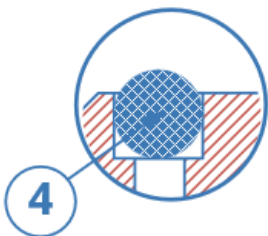
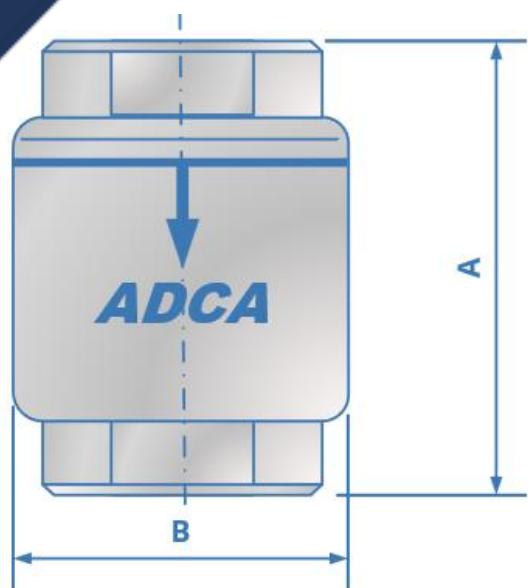
Descripción

La válvula de retención de resorte de alta temperatura está fabricada en acero inoxidable. Especialmente diseñado para su uso con vapor y condensado caliente
Las conexiones son roscadas hembra.
Utilizado para vapor saturado Agua y condensado.



Description

Le clapet anti-retour à ressort haute température est fabriqué en acier inoxydable. Spécialement conçu pour une utilisation avec de la vapeur et des condensats chauds
Les connexions sont vissées femelles
Utilisé pour la vapeur saturée Eau et condensat.



DIMENSIONS

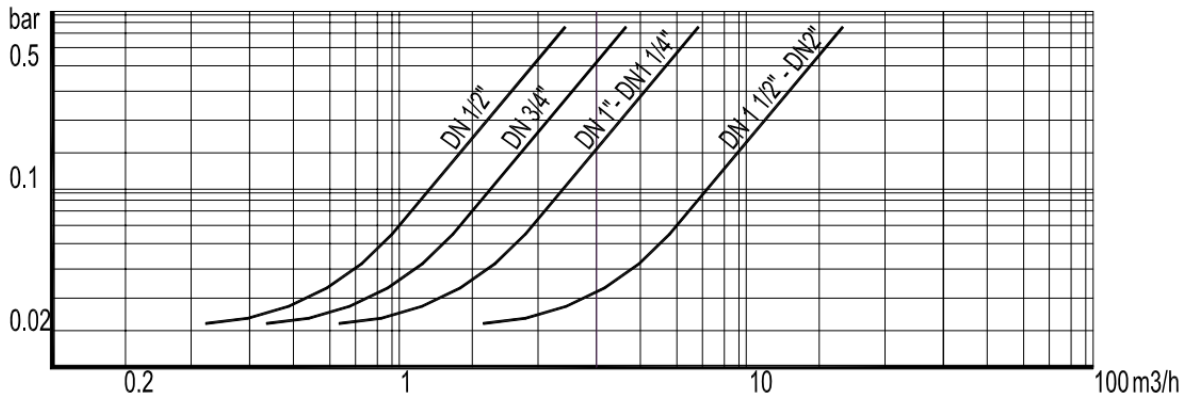
DN	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
A	55	55	60	70	61	72	72
B	40	40	45	50	65	80	80
SW	27	27	32	41	50	55	70
Kg	0.3	0.3	0.38	0.45	0.68	0.96	1.13

MATERIALS

1	Valve Body	AISI 316 / 1.4401
2	Cover	AISI 316 / 1.4401
3	Spring	AISI 302 / 1.4300
4	Seal	Metal to Metal (Standard)
		Viton (On request)
		EPDM (On request)
		PTFE (On request)
5	Valve Disc	AISI 316 / 1.4401

> Steam Version with Metal to Metal Seat

Pressure drop, horizontal flow, standard spring (water - 20°)



To determine the pressure drop of other mediums the equivalent water flow volume has to be calculated: $V_w = \sqrt{\frac{Q}{1000}} \times V$

V_w = Equivalent water flow volume in m³/h ; Q = Density in Kg/m³ ; V = Flow volume in m³/h

Spring cracking pressure = 0.2BAR



- PMA : Max. Allowable pressure 32 bar
- TMA : Max. Allowable temperature 250°C
- PMO : Max. Operating pressure 21 bar
- TMO : Max. Operating temperature 220°C
- Minimum operating pressure 0,01 bar

