



High Temperature Non Return Valve  
The RT 25 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 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

## High Temperature Screwed Check valve in 316 St St

- 3/8" - 2" BSP
- Low pressure drop
- Simple and compact design
- 316 Stainless steel
- Max Pressure 25 Bar



### 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

Die Hochtemperatur- Feder Rückschlagventil ist in Edelstahl gefertigt. Speziell für den Einsatz mit Dampf und Heißkondensat ausgelegt  
Die Anschlüsse sind mit Innengewinde  
Verwenden Sie für Sattedampf und Kondensat



### Descripción

La válvula de retención de resorte de alta temperatura está fabricado en acero inoxidable. Especialmente diseñado para su uso con vapor y condensado caliente  
Las conexiones se atornillan femenina  
El uso para saturada de agua de vapor y condensado



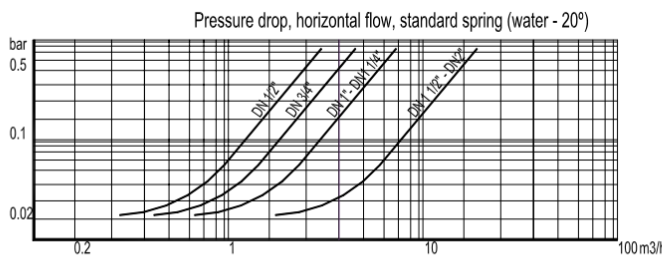
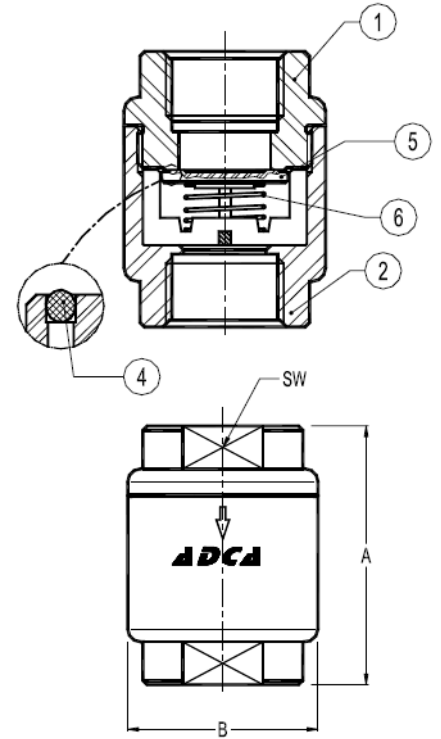
### Description

Le clapet à ressort à haute température est fabriqué en acier inoxydable . Spécialement conçu pour une utilisation avec la vapeur et le condensat chaud  
Les connexions sont femelle vissés  
Utilisez pour l'eau saturée de vapeur et de condensat

[View Product Online](#)

Click  
Here

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



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

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

Spring cracking pressure = 0.2BAR

Materials		
No.	Designation	Material
1	Body	AISI 316 / 1.4401
2	Cover	AISI 316 / 1.4401
4	Soft Seal	Metal to metal - standard VITON - On Request EPDM - On Request PTFE - On Request
5	*Valve Disc	AISI 316 / 1.4401
6	*Spring	AISI 302 / 1.4300

Dimensions				
Size	A	B	SW	Weight Kg
3/8"	55	40	27	0.3
1/2"	55	40	27	0.3
3/4"	60	45	32	0.38
1"	70	50	41	0.54
1 1/4"	61	65	50	0.68
1 1/2"	72	80	55	0.96
2"	72	80	70	1.13