

Vtek

Controls

SERIES VSC

Spring Check Valve



● **Design Specifications**

- * Available in stainless steel
- * Body & end cap investment casting
- * Low cracking pressure
- * Suitable for Chemicals and Steam.
- * 100% air pressure test under water at 80 psi
- * Pressure Ranges:
 - 1/2" to 2", 800 psi
 - 2-1/2" to 3", 600 psi

● **Features**

- * ANSI B1.20.1
- * ISO 9001

Design:

FEATURES

Body & End Cap

Investment casting CF8M

Alloy materials are available

* 1/4" to 2", 800 psi

* 2-1/2" & 3", 600 psi

Spring

Low cracking pressure
Inconel spring & different
cracking pressure are
available

Slide Pin

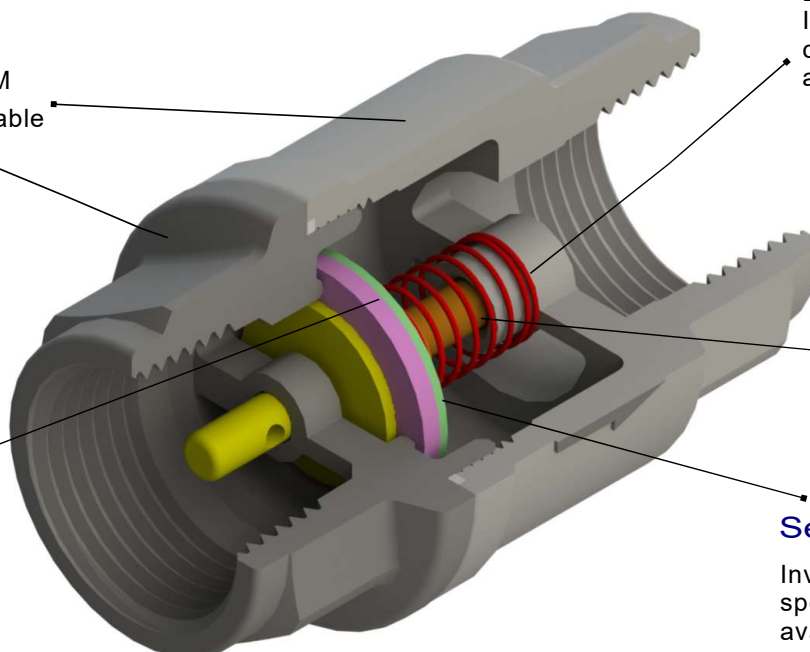
Investment casting,
special alloys are
available

Seat

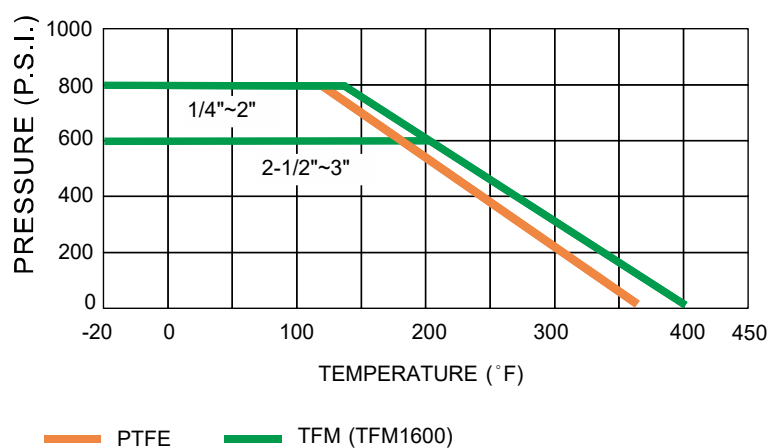
PTFE is standard
material, options are
available as required

Seat Hold

Investment casting,
special alloys are
available

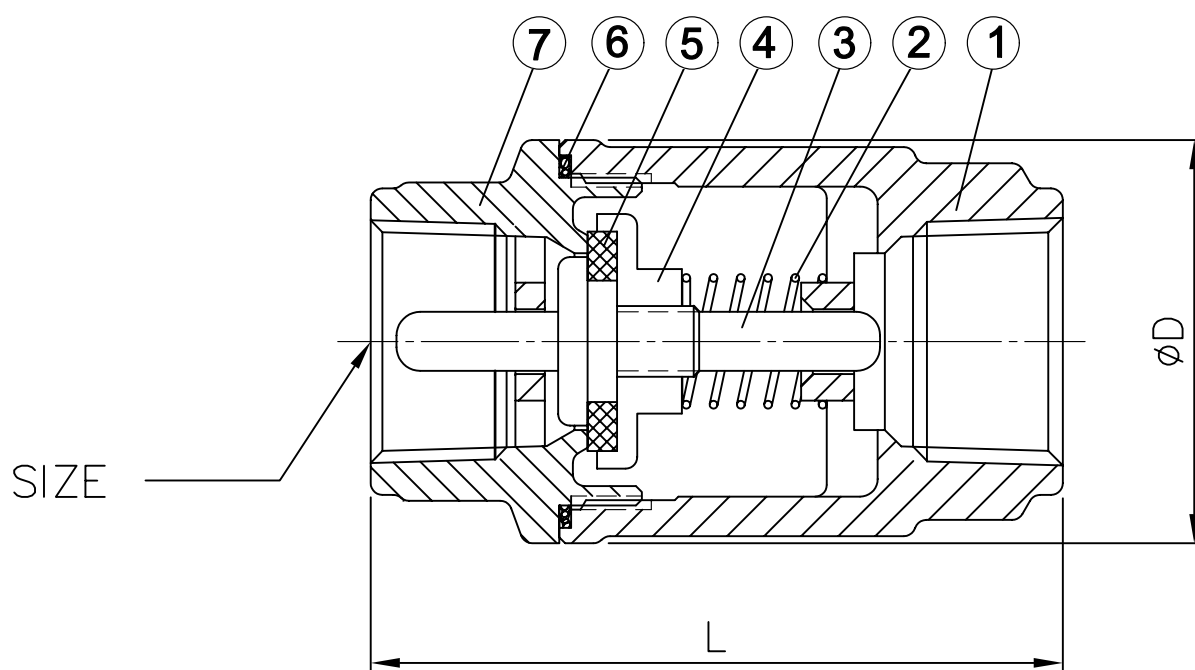


Pressure / Temperature:



Dimensions:

NO.	PART NAME	MATERIAL	QTY
1	BODY	CF8M	1
2	SPRING	SS 316 (* Inconel)	1
3	SLIDE PIN	SS 316	1
4	SEAT HOLDER	CF8M	1
5	SEAT	PTFE	1
6	GASKET	PTFE	1
7	END CAP	CF8M	1



Size	D	L	Wt. Lbs.
1/2"	34.2	59 (2.31")	.42
3/4"	46.1	73 (2.87")	.84
1"	54.1	89 (3.50")	1.32
1-1/2"	73.2	125 (4.93")	3.39
2"	90.5	152.5 (6.00")	6.01

Ordering:

Series	Port	Body Material	Disc	Stem	End Connection	Size
VSC	RP- Reduced Port	S - Stainless Steel L - 316L St. Steel	S - 316 SS L - 316 L	S - 316 SS L - 316 L	TN - FNPT	0050 - 1/2" 0075 - 3/4" 0100 - 1 0150 - 1-1/2" 0200 - 2" 0300 - 3"

Seats	Packing	Body Seal	Operator	Options	Stem O-ring
R - PTFE T - TFM™-1600 M - Metal	X - N/A	P - PTFE	Blank - Bare Stem	Blank - No Options I - Inconel Spring	Blank - No Option



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Vtek Controls, LLC
420-H Wards Corner Rd
Loveland, OH 45140
Ph 513-928-3630
www.vtekcontrols.com