

SPRING CHECK VALVE

Check Valves are widely used for both sanitary and industrial applications to prevent backflow of product.

Spring Check Valves are designed to prevent fluid from flowing back and to create a positive shutoff. They are commonly used with liquid products and installed in the vertical position.



ORDERING SPECIFICATIONS....

SPRING CHECK VALVE SPECIFICATIONS....

Size:	.5" through 4" sizes available
Materials:	T316L
Finish:	32 Ra μ -in. ID/OD
Connections:	Clamp, Butt weld, other connections available upon request
Seats / Seals:	EPDM and Viton® are standard. Metal detectable, silicone and Kalrez®, are available as a special option.
Pressure:	Maximum product pressure 145 psi
Temperature Rating:	0° - 200° F

Specify:

- Quantity
- Product Description or Part number
- Size

Important Features:

One piece stem with O-Ring construction. (easy seal replacement and positive shut off)

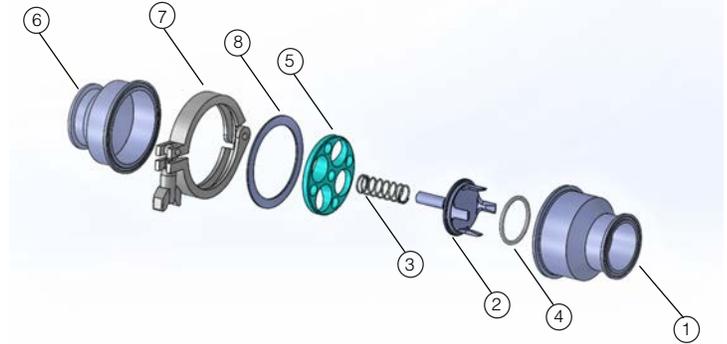
Conform to 3A Sanitary Standards for vacuum breakers and check valves. Standard number 58-02. Certificate authorization number 3573. Seats and seals are FDA approved.

Valves marked with heat numbers for full identification and traceability. MTR'S are available upon request

SPRING CHECK VALVE

PARTS BREAKDOWN

1. Lower body - (Body)
2. Stem - (2.0 thru 4.0 have guide fingers)
3. Spring - (3-5 psi) (Available upon request)
- 3L. Spring Light - (1-3 psi) Standard
4. O -Ring - standard Viton
5. Stem guide
6. Upper body - (Bonnet)
7. Body Clamp .5" and .75" = 13MHHM1.5 - H
Body Clamp 1.0" and 1.5" = 13MHHM2.5 - H
Body Clamp 2.0" = 13MHHM3.0 - H
Body Clamp 2.5" = 13MHHM4.0 - H
Body Clamp 3.0" = 13MHHM5.0 - H
Body Clamp 4.0" = 13MHP6.0
8. Clamp Gasket .5" and .75" = EG40V 1.5
Clamp Gasket 1.0" and 1.5" = EG40V 2.5
Clamp Gasket 2.0" = EG40V 3.0
Clamp Gasket 2.5" = EG40V 4.0
Clamp Gasket 3.0" = EG40V 5.0
Clamp Gasket 4.0" = EG40V 6.0



PART NUMBER SEQUENCE WHEN ORDERING COMPLETE VALVE:

45 (spring check) C (clamp) 6 (T316L) 2.0 (size) V (seat material) Example: 45C - 6 2.0 - V

When requesting O-Ring changes add the following to the end of part number

Note: V=Viton E=EDPM S=Silicone Metal detectable elastomer options are available. Please contact VNE for details

PART NUMBER SEQUENCE WHEN ORDERING REPLACEMENT PARTS:

45-SCV (item number) - (valve size)

Example: 45-SCV1C-1.5 = Lower body clamp for 1.5 valve

Valve Size	Overall Length		Approx Wt. Lbs.
	Standard Clamp	Weld and Other	
1/2	3.500	A.O.R.	2.20
3/4	3.500	A.O.R.	2.20
1	4.125	A.O.R.	3.50
1 1/2	4.562	A.O.R.	3.50
2	5.062	A.O.R.	5.40
2 1/2	5.375	A.O.R.	6.00
3	6.125	A.O.R.	6.25
4	8.125	A.O.R.	16.00

