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| JOB NAME: | CONTRACTOR: |
| JOB LOCATION: | APPROVAL: |
| ENGINEER: | CONTRACTOR P.O.: |
| APPROVAL: | REPRESENTATIVE: |

S250

HIGH CAPACITY, IN-LINE SPRING LOADED, STAINLESS STEEL CHECK VALVE WITH NPT ENDS
1/2" TO 2"



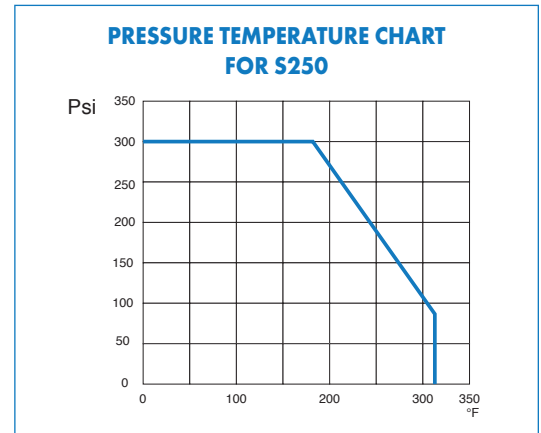
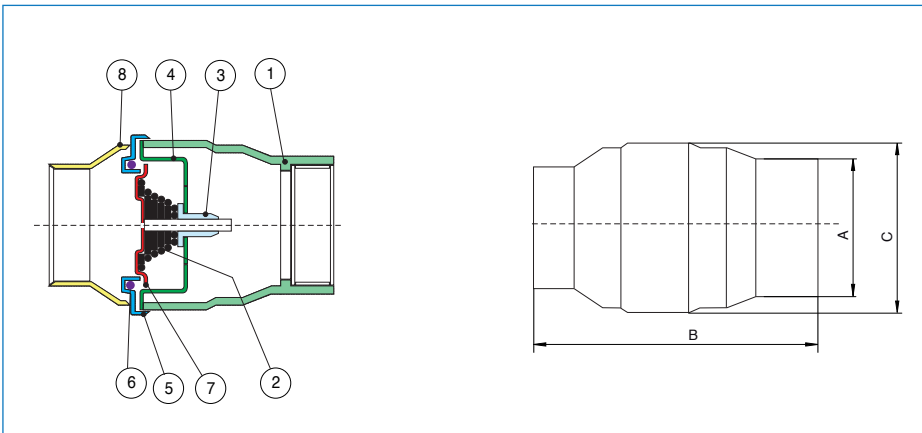
NSF 61
NSF 372

VALVE FEATURES

- Sizes 1/2" to 2"
- Pressure rating: size 1/2" to 2", 250 WOG
- FKM (Viton) seat for bubble tight shutoff, spring loaded for fast seating action
- Low cracking pressure at 1/2 psi
- Flow profile designed to minimize head loss
- Temperature range: -4°F to 302°F
- Corrosion resistant
- AISI 316 cold formed stainless steel
- ANSI B1.20.1 connections
- Certified to NSF standards

SPECIFICATIONS

The S250 series high capacity, NSF certified, AISI 316 stainless steel, unique cold formed inline check valve features an FKM Viton seat for very tight and leak free sealing. The S250 is ideal for multiple pump applications where flow is a critical factor. Because of its formed design, the S250 also offers the shortest end to end dimension for an inline style check valve, thus saving pipe space. Further and due to the formed design, there are zero leak paths except where it connects to the pipe. This series also features true ASME/ANSI B1.20.1 thread depths for extra valve to pipe sealing capabilities.



| N POS | PART NAME | MATERIAL | N PCS |
|-------|-------------------|-------------|-------|
| 1 | BODY | AISI 316 | 1 |
| 2 | SPRING | AISI 316 | 1 |
| 3 | GUIDE BUSH | P.T.F.E. | 1 |
| 4 | DISC GUIDE | AISI 316 | 1 |
| 5 | SEAL RING HOUSING | AISI 316 | 1 |
| 6 | GASKET | FKM (Viton) | 1 |
| 7 | FLOW CONTROL DISC | AISI 316 | 1 |
| 8 | END CAP | AISI 316 | 1 |

| SIZE | A | B | C | Cv | psi | Weight Lbs. |
|--------|------|------|------|-------|-----|-------------|
| 1/2" | 0.98 | 2.17 | 1.26 | 9.13 | 250 | 0.21 |
| 3/4" | 1.18 | 2.63 | 1.73 | 15.95 | 250 | 0.28 |
| 1" | 1.41 | 3.27 | 2.09 | 21.62 | 250 | 0.42 |
| 1-1/4" | 1.77 | 3.82 | 2.44 | 35.84 | 250 | 0.62 |
| 1-1/2" | 2.00 | 4.53 | 3.07 | 47.40 | 250 | 0.86 |
| 2" | 2.48 | 4.74 | 3.50 | 64.74 | 250 | 1.55 |