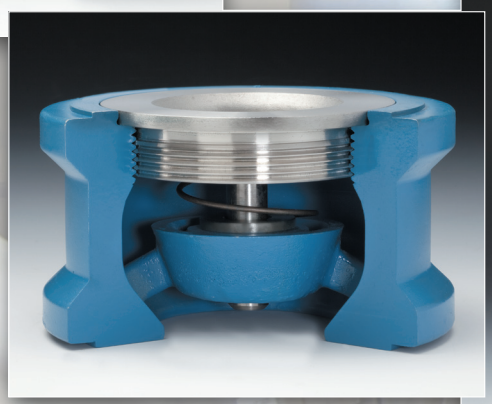
DFT®

DFT's family of In-Line Check Valves are available in a variety of designs:

- Basic-Check®
- Restrictor Check
- SCV®
- SCR-R®
- Vacuum Breaker
- DLC®
- Excalibur®
- GLC®
- GLC®-Cast Iron
- PDC®
- DSV®
- ALC®
- FBC®
- WLC®
- WLC®-Cast Iron





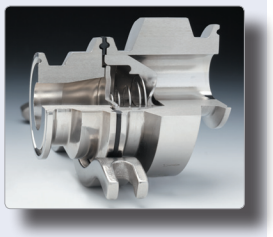


Non-Slam Check Valves

CE

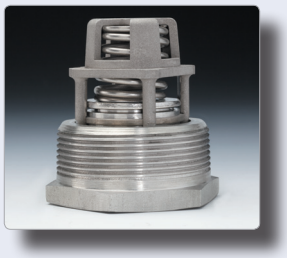
DFT® Model DSV Sanitary Check Valve

- Spring-assisted silent closing
- Horizontal or vertical installation
- Sizes 1/2" thru 4"
- 150 CWP, 108 ANSI Pressure Class
- 316L body and seat
- 316 disc, spring and guide assembly
- 25 Ra Internal Surface Finish
- Edge-guided disc: 1/2" thru 2"
- Edge/center-guided disc: 2 1/2", 3", 4"
- Lapped "metal" seat and disc
- Springs:
  - Low cracking pressures
  - .16 psig to .66 psig
  - Conical design
  - Electropolished finish
- CIP (Clean in Place)
- Clamped ends
- Seat leakage per MSS SP-61
- Meets 3A Standard 58-00



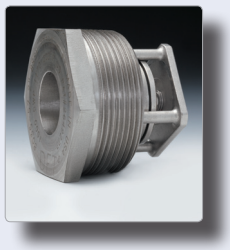
DFT® Restrictor Check Valve

- Higher cracking pressures (2 to 40 psi)
- 1/4" to 2 1/2" Line size
- 450 to 2500 CWP
- Threaded ends
- Stainless steel construction
- Spring-assisted silent closing
- Horizontal or vertical installation
- Tight shutoff - lapped disc & seat
- Easy maintenance
- Versatile



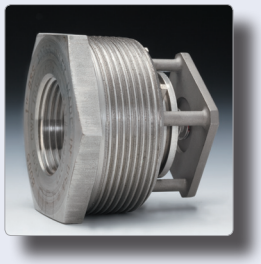
DFT® Vacuum Breakers

- 1" to 4" size (Outside diameter)
- 450 to 6000 CWP
- Threaded O.D. (MNPT)
- Unthreaded inlet bore
- Stainless steel construction
- Spring-assisted silent closing
- Horizontal or vertical installation
- Tight shutoff - lapped disc & seat
- Easy maintenance
- Versatile



DFT® Basic-Check Valve

- 1/4" to 2 1/2" Line size
- 450 to 6000 CWP
- Threaded ends
- Stainless steel construction
- Spring-assisted silent closing
- Horizontal or vertical installation
- Tight shutoff - lapped disc & seat
- Easy maintenance
- Versatile



DFT® Model SCV-R Check Valve

- For higher cracking pressures
- 1/2" to 2" Line size
- 750 CWP
- NPT & SW ends
- Stainless steel construction
- Inconel® X-750 spring
- Spring-assisted silent closing, non-slam
- Cracking Pressures: 0.8 to 40.8 psig
- Zelon® "O" ring body seal
- Horizontal or vertical installation
- Body guided disc
- Tight shutoff lapped disc & seat
- Easy maintenance
- Versatile



DFT® Model SCV Check Valve

- 1/2" to 3" Line size
- 750 & 3600 CWP
- NPT & SW ends
- Stainless steel construction
- Inconel® X-750 spring
- Spring-assisted silent closing, non-slam
- Zelon® "O" ring body seal
- Horizontal or vertical installation
- Body-guided disc
- Tight shutoff lapped disc & seat
- Simplified 5-part construction
- Easy maintenance
- Versatile



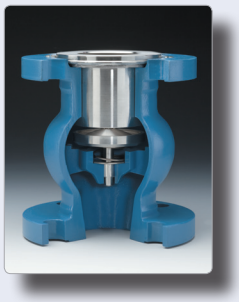
DFT® Excalibur Silent Check Valve



- ASME B16.10 Face-to-Face dimensions
- Spring-assisted silent closing, non-slam
- 2" to 24" Line size
- ASME 150 to 1500 (See chart)
- Stainless steel trim
- Center-guided
- Dual-guided stem
- Horizontal or vertical installation
- Tight shutoff
- Two-piece body
- Protected spring
- Easy maintenance
- Versatile
- Axial flow
- Nozzle style

* Consult DFT for larger sizes.

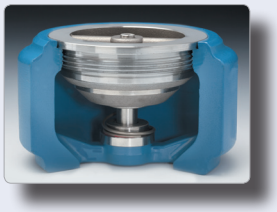
DFT® Model GLC Silent Check Valve



- "Short" Face-to-Face dimensions
- API 6FD Fire Test
  - ASME 150 and 300, 2" to 24"
- One-piece body
- Spring-assisted silent closing, non-slam
- Center-guided
- Dual-guided stem
- Horizontal or vertical installation
- Protected spring
- Easy maintenance
- Versatile
- ASME 150 To 2500
  - 1" to 24" Line size
  - 316 SS trim
  - RF Flanged ends
  - MSS-SP61 seat leakage
- Axial flow
- Nozzle style

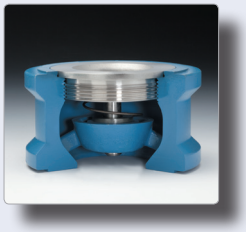
* Consult DFT for larger sizes.

DFT® Model WLC Wafer Style Check Valve



- Wafer design
- Center-guided/Dual-guided stem
  - 1" to 10" ASME 150/300 (10" is ASME 150 only)
  - 2" to 10" ASME 600 to 2500
- Lightweight
- Spring-assisted silent closing
- Edge-guided (1" & 1-1/2"-ASME 600 to 2500)
- Horizontal or vertical installation
- Protected spring
- ASME 150 to 1500
- Axial flow
- Nozzle style

DFT® Model ALC Wafer Style Check Valve



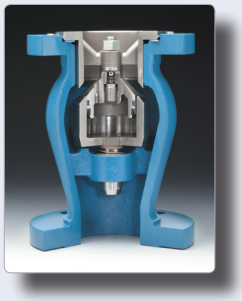
- API 594 Face-to-Face dimensions
- RF Wafer ends
- Spring-assisted silent closing
- Sizes 2" thru 24"
- Horizontal or vertical installation
- ASME Class 150 and 300
- Stainless steel seat, disc & bushing
- Nitronic® 60 stem
- Inconel® X-750 Spring
- 0.5 psi cracking pressure spring
- Seat Leakage per MSS SP-61
- Tapped holes in body for lifting lugs (10" size and larger)
- Axial flow
- Nozzle style

DFT® Model DLC Check Valve



- ANSI B16.10 Face-to-Face dimensions
- Spring-assisted silent closing, non-slam
- 1/2" to 3" Line size
- ASME 150 and 300
- Stainless steel construction
- Raised face flanged ends
- Inconel® X-750 spring
- Electron beam welded body
- Meets ASME B16.34 - 2004
- Horizontal or vertical installation
- Body-guided disc
- Tight shutoff - lapped disc & seat
- Simplified construction - 3 parts
- Versatile

DFT® Model PDC Check Valve



- Pulse-damped design
- Modulating "air" or "gas" applications:
  - Discharge of reciprocating air/gas compressors
  - Self sizing
- Meets API 6D
- ASME B16.10 Face-to-Face dimensions
- One-piece body
- Spring-assisted silent closing
- 2" to 20" Line size
- ASME Class 150 to 1500
- Center guided trim
- Horizontal or vertical installation
- Tight shutoff
- Protected spring
- Easy maintenance
- Versatile
- Axial flow
- Nozzle style

* Consult DFT for larger sizes.

Tel: 610-363-8903 **Toll-Free: 800-206-4013** **Email: dft@dft-valves.com**

DFT® Model FBC Compact Insert Check Valve

- Spring-assisted silent closing
- Horizontal or vertical installations
- Sizes 1" through 4"
- ASME/ANSI Class 150 and 300
- Stainless steel seat, disc, guard, retaining ring & spring
- Cracking pressure: 0.6 to 0.15 psi
- Temperatures to 450°F for standard valves
- Extended tag for easy identification of the installed valve
- Use in Schedule 40 pipe, consult factory for Schedule 80
- Meets ASME B16.34-2004 & MSS SP-126
- Flange finish per MSS SP-6
- Seat leakage per MSS SP-61



DFT® Model GLC-Cast Iron Silent Check Valve

- "Short" Face-to-Face dimensions
- One-piece body
- Spring-assisted silent closing
- Center-guided
- Dual-guided stem
- Horizontal or vertical installation
- Easy maintenance
- Versatile
- ASME 125 & 250
  - 2 1/2" to 24" Line size (Cl.125)
  - 2 1/2" to 8" Line size (Cl.250)
  - Cast Iron Body(3)
  - Bronze or 316 SS trim
  - Ends:
- FF Flanged
  - AWWA seat leakage
- Axial flow
- Nozzle style



DFT® Model WLC-Cast Iron Wafer Style Check Valve

- Wafer design
- Lightweight
- Spring-assisted silent closing
- Center-guided with dual-guided stem
- Horizontal or vertical installation
- Protected spring
- ASME 125 & 250
  - 2" to 10" line size
  - Cast iron body
  - Bronze or 316 SS trim
  - Ends: Wafer FF
  - AWWA seat leakage
- Axial flow
- Nozzle style



DFT Inc. specializes in preventing check valve problems and failures caused by water hammer and reverse flow. The in-line, spring-assisted check valves are designed to meet customer requirements for horizontal and vertical installations in liquids, gas or steam.

Carbon steel, stainless steel and alloy check valves from DFT meet the MSS SP-126 standard for In-Line Spring-Assisted Center Guided Check Valves.

DFT valves serve the broad process industries:

- **Chemical**
- **Food & Beverage**
- **General Industry**
- **Mining**
- **Oil and Gas**
- **Petrochemical**
- **Pharmaceutical**
- **Power Generation**
- **Pulp and Paper**
- **Steel**
- **Textile**
- **Ultra-pure Water**

DFT®

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