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
**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
  - 0.16 psig to 0.66 psig
  - Conical design
  - Electropolished finish
- CIP (Clean in Place)
- Clamped ends
- Seat leakage per MSS SP-61
- Meets 3A Standard 58-00

**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® 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® 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® 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 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

---

[www.dft-valves.com](http://www.dft-valves.com)  
Fax: 610-524-9242
**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 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.

**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 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

* Consult DFT for larger sizes.

**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.
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

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 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.

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 (CI.125)
- 2 1/2” to 8” Line size (CI.250)
- Cast Iron Body(3)
- Bronze or 316 SS trim
- Ends:
  - FF Flanged
  - AWWA seat leakage
  - Axial flow
  - Nozzle style

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® 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

for more information

FACTORY
DFT, Inc.
140 Sheree Boulevard
P.O. Box 566
Exton, PA 19341-0566
610-363-8903
800-206-4013
FAX 610-524-9242

ONLINE
EMAIL dft@dft-valves.com
INTERNET www.dft-valves.com

REPRESENTED BY: