



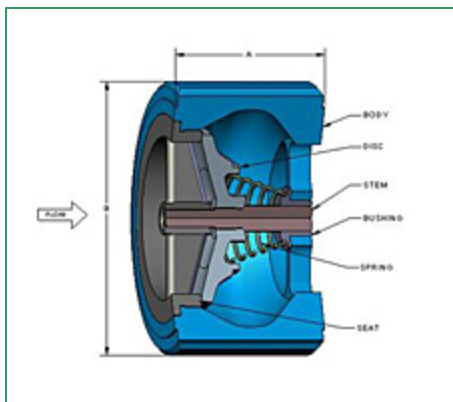
DFT® Inc
 140 Sheree Blvd. PO Box 566
 Exton, PA 19341-0566
Phone: 800.206.4013
Fax: 847.540.1422
Email: dft@dft-valves.com
Website: www.dft-valves.com

Prod. # 905H1B4A3, A351 CF8M 2" 316 SS Dual Rated ANSI Class 150 & 300 RF WLC® Wafer Check Valve

The DFT® Model WLC Wafer style Silent Check Valve is a lightweight, spring-assisted, in-line check valve that provides reliable, low maintenance service for a wide range of fluids and pressure/temperature combinations. The joint between the seat ring and body is sealed by the flange gasket upon installation preventing any leakage through the joint when the valve is in service.

Size/Class

- 1", 1 1/2" - 150/300
- 2" to 8" - 150/300
- 10" - 150



[OLD NPT #](#) | [Specifications](#) | [Materials of Construction](#) | [Available Soft Seat Materials](#) | [Codes and Standards](#) | [Features](#) | [Options](#) | [Application](#)

OLD NPT #

OLD PART #

9004

Specifications

Series	WLC®
ASME CLASS	150 300
Size	2.00 in
Dimension A	2.63 in
Dimension B	4.38 in
Weight	4.0 lb
Cracking Pressure CP	0.24 psig
Cracking Pressure CP Tolerance	±10%
ENDS	Wafer (RF)
Cv	57

Materials of Construction

Body	A351 CF8M
Body Material	Stainless Steel
Disc/Stem Assembly	A351 CF8M/A479 316
Seat	A351 CF8M
Spring	A313 316
Bushing	A479 316
Trim	CF8M/316 SS

Available Soft Seat Materials

Available Soft Seat Materials

Buna-N (-70 to 250°F)
EPDM (-75 to 300°F)
TFE®-Viton (-40 to 400°F)
Viton® (-40 to 400°F)
Zelon® (37 to 400°F)

Codes and Standards

ANSI

B1.1
B16.25
B16.34
B16.5

MSS¹

SP-125
SP-126
SP-25
SP-6
SP-61

ASTM

A126 CLASS B
A216GR WCB
A351GR CF8M

Features

- Wafer design
- Lightweight
- Spring-assisted silent closing
- Edge guided (1" & 1 1/2"-ASME 600 to 2500)
- Center guided/Dual guided stem
 - 1" to 10" ASME 150/300
 - 2" to 10" ASME 600 to 2500
- Horizontal or vertical installation
- Protected spring
- ASME 150 to 2500
 - 1" to 10" Line Size
 - WCB & SS bodies
 - SS trim
 - Ends:
 - Wafer RF
 - Wafer RTJ
 - MSS-SP 61 seat leakage
 - API 594 Face-to-Face dimension:
 - Class 600 RF
 - Class 900/1500 RF
- Axial flow
- Nozzle style

Options

Options²

Alloy 20
 Custom Sizing
 Hastelloy®
 Inconel® X-750
 NACE
 Soft Seat
 Stellited Trim
 X-750 Spring

- Inconel® X-750 - CP Standard (X)
- Inconel® X-750 - CP 0.1 psi (XC001)
- Inconel® X-750 - CP 0.2 psi (XC002)
- Soft Seat
- Custom Sizing- low flow
- Body Materials:
 - Alloy 20, Hastelloy, Inconel® 625, Titanium
- Stellite trim (600°F+)
- Weld Neck Flanges to meet B16.10
- Face-to-Face dimensions
- NACE

Application

Autoclaves
 Boiler Feed & Discharge
 Chemical Lines
 Condensate Lines
 Cookers
 Cooling Towers
 Crude & Refined Product Lines
 Cryogenics
 Digester
 Evaporators
 Fly Ash System
 Generator Inlet & Discharge
 Hydraulic Lines
 Metering Pumps
 Mine Dewatering
 Process Lines
 Pump Discharge
 Refrigeration
 Steam Lines
 Vacuum Breaker
 Water Lines
 Water Treatment

SP-61: Class 125 and 250 Cast Iron valves are leak tested in accordance with AWWA.

SP-125: Cast Iron Valves only. TFE-Viton® - Teflon Encapsulated Viton.

SP-126: Except Cast Iron Valves.

² **NACE** - Contact DFT for NACE