

# BEECO/MIFAB FDC

## SIZE

1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10"

## DESCRIPTION

This is a double check assembly. Production began in 2010. The 1/2"-2" size is available in a leaded and unleaded bronze body. There is a single access cover on the top. The checks are an inline modular design and therefore the springs are contained when the cover is removed. The checks are a plastic construction and utilizes silicone rubber discs. The 2 1/2"-10" utilizes a fused epoxy coated ductile iron body. There is a single access cover attached with a groove coupling. The checks are modular and held into the body with a separate retainer ring for each check.

## BASIC REPAIR KIT

Repair kit contains discs and O'rings

<u>SIZE</u>	<u>KIT NO</u>
1/2"-3/4"	FDCRT050
1"	FDCRT100
1 1/4"-1 1/2"	FDCRT125
2"	FDCRT200
2 1/2"-4"	FDCRT250
6"	FDCRT600
8"-10"	FDCRT800

## IMPORTANT FEATURES

~Single Access cover

~Modular check design





# FDC

## 1/2" THRU 2" DOUBLE CHECK BACKFLOW ASSEMBLIES

**Specification:** The BEECO Friendly Double Check Backflow Preventer Valve is designed to stop the reverse flow of a liquid into a potable water system. The proper installation of a backflow preventer must be done by a certified expert under local codes and guidelines to assure the protection of the drinking water system. The Valve shall be certified to ASSE 1015, CSA B64.5 and IAPMO listed.

**Function:** The assembly shall consist of two repairable positive seating check modules with captured springs and rubber seat discs. Service of all internal components shall be through a single screwed in cover and designed for ease of access.

**Features:**

Single access cover for fast service, screwed on access cover for quick repairs, easily removable checks, modular design reducing number of spare parts, and self-contained check so there is no pressure on the lid.

**Ratings:**

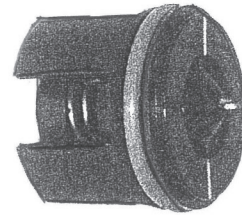
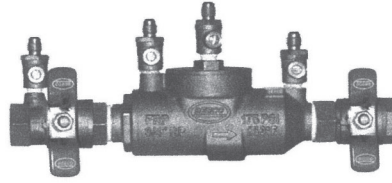
Maximum working water pressure 175 PSI,  
 Maximum working temperature 180° F  
 Hydrostatic test pressure 350 PSI, End connection NPT threaded to ANSI B 1.20.1.

**OPTIONAL VARIATIONS:**

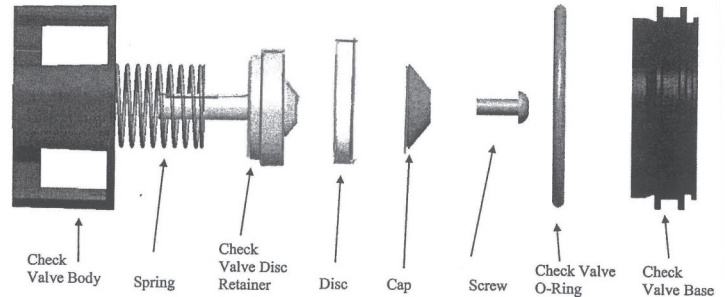
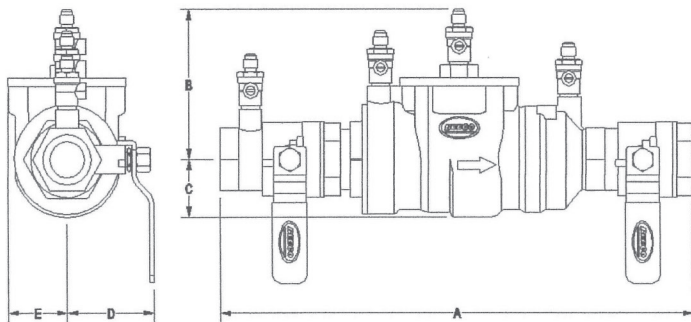
- Quarter Turn Ball Valve
- Stainless Handles
- Locking Handles
- Strainer Attached
- Less Ball Valves

**SUFFIX**

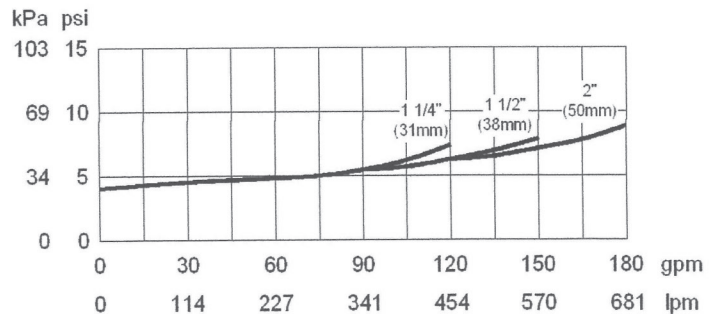
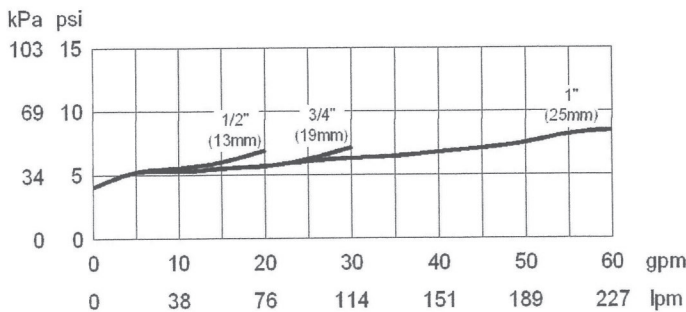
- QT
- SH
- LH
- S
- LF



BEECO CHECK VALVE (1/2" - 2")



Model No.	Size	A	B	C	D	E	Weight
FDC.50-QT	1/2" (13)	10 1/4" (260)	3 3/8" (86)	1 1/8" (29)	2" (51)	1 1/4" (32)	4 (1.8)
FDC.75-QT	3/4" (19)	10 1/2" (266)	3 3/8" (86)	1 1/8" (29)	2 1/2" (64)	1 1/4" (32)	4.5 (2)
FDC1.00-QT	1" (25)	12 1/2" (317)	3 1/2" (89)	1 3/8" (35)	2 1/2" (64)	1 1/2" (38)	6.4 (2.9)
FDC1.25-QT	1 1/4" (32)	14 1/4" (262)	4 3/8" (111)	1 3/4" (44)	2 3/4" (70)	1 3/4" (44)	10 (4.5)
FDC1.50-QT	1 1/2" (40)	14 3/4" (375)	4 3/8" (111)	1 3/4" (44)	3 3/8" (86)	1 3/4" (44)	12 (5.4)
FDC2.00-QT	2" (51)	17 1/4" (438)	4 7/8" (124)	2" (51)	3 3/4" (86)	2 1/4" (57)	19 (8.5)



BEECO reserves the right to make changes in material and design without formal notice and obligation.

USA: 1-800-387-3880 www.beecobackflow.com CAN: 1-416-679-0380

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**Function:** The assembly shall consist of two repairable positive seating check modules with captured springs and rubber seat discs. Service of all internal components shall be through a single easily removable cover and designed for ease of access.

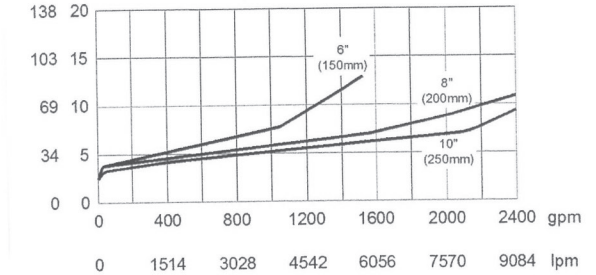
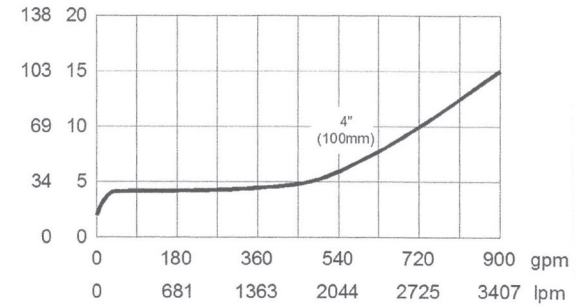
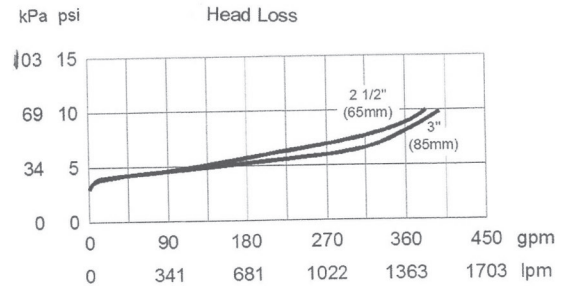
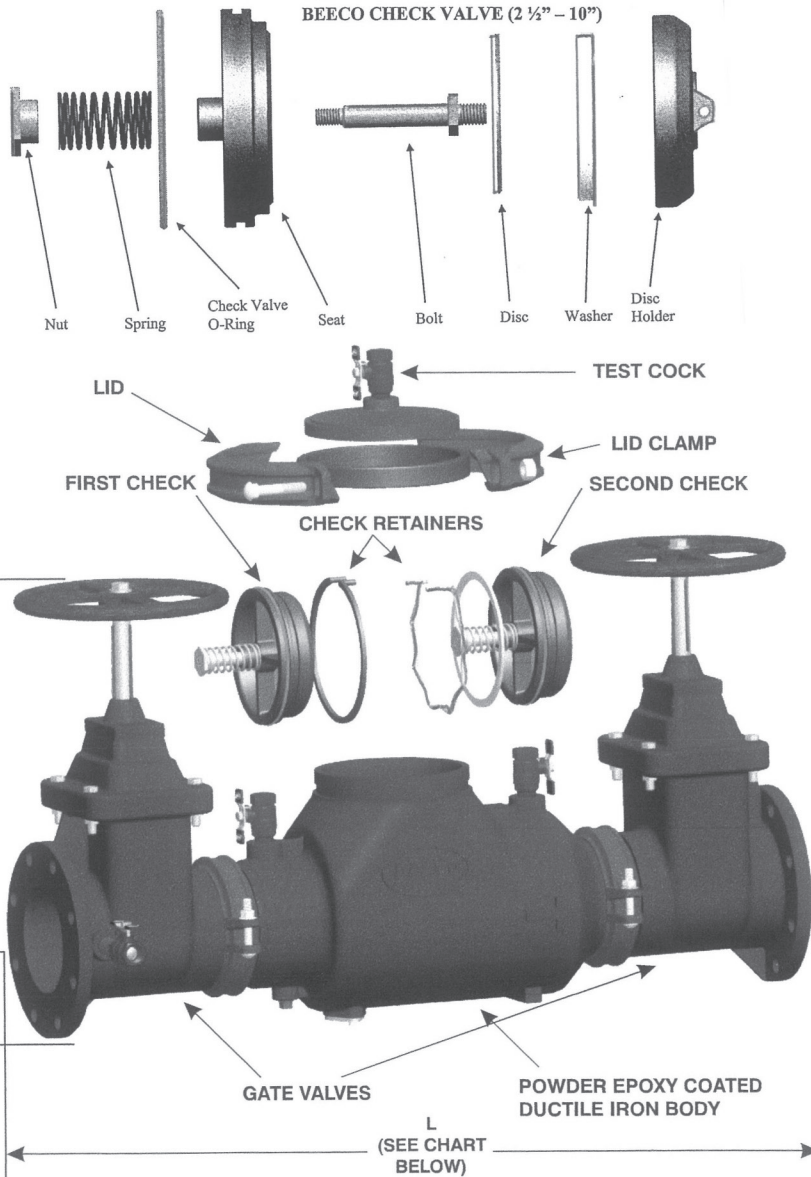
**Features:**

Single access cover for fast service, Swing away clamp for ease of removing checks, Modular design reducing number of spare parts, Self contained check so there is no pressure to relieve when changing the seats.

**Ratings:**

Maximum working water pressure 175 PSI, Maximum working temperature 140° F, Hydrostatic test pressure 350 PSI, Flanged end connection meet ANSI B16.1 and all grooved dimensions comply with AWWA C606.

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Model No.	Size	L	H OSY Open	H NRS	D
FDC2.50	2 1/2"	33.5	18.88	16.38	7
FDC3.00	3"	34.5	21.88	18.88	7.5
FDC4.00	4"	40.8	25.63	21.63	9
FDC6.00	6"	43.8	35.13	29.13	11
FDC8.00	8"	56.5	44.63	36.63	13.5
FDC10.00	10"	59.5	54.5	44.5	16