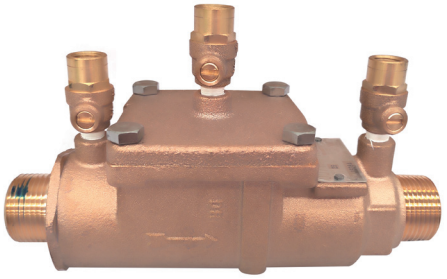
Series LF007

Lead Free Double Check Backflow Preventer

Size: DN15-DN50

Series LF007 Double Check Valve Backflow Preventer are designed to protect drinking water supplies from dangerous cross-connections in accordance with national plumbing codes and water authority requirements for non-potable service applications such as irrigation, fireline, or industrial processing. Only those cross-connections identified by local inspection authorities as non-health hazard shall be allowed the use of an approved double check valve assembly. Check with local authority having jurisdiction regarding vertical orientation, frequency of testing or other installation requirements.



Features

- Compact, space saving design
- Lead free large body, passages provides low pressure drop
- Top entry single access cover and modular check construction for ease of maintenance
- No special tools required for servicing
- Captured springs for safe maintenance
- Replaceable seats for economical repair
- Ball valve test cocks-screwdriver slotted

Pressure - Temperature

- Temperature Range: 0.5°C – 90°C
- Maximum Working Pressure: 1400kPa (14bar)

Material

Component	Material
Body/Cover(15-50mm)	Lead free DR Bronze
Test Cock	DR Brass
Checks	Polymer
Check Seats (Replaceable)	Silicone Rubber Disc
Cover Bolts	Stainless Steel

Models

- **LF007:** Lead Free Backflow Device only, DN15 to DN50

Installation Dimensions

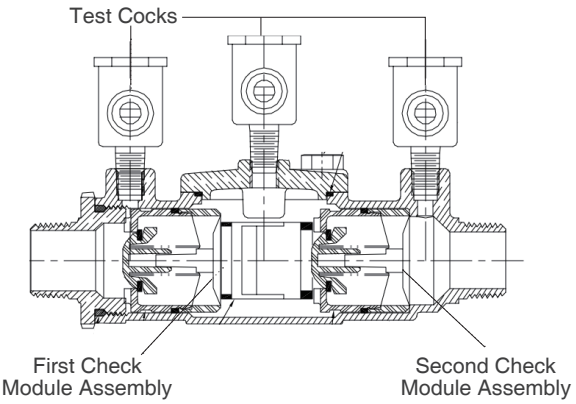
SIZE	DIMENSIONS			
	A	B	C	L
mm	mm	mm	mm	mm
15	52	117	62	137
20	39	102	79	167
25	43	130	102	205
32	68	127	84	248
40	68	124	89	248
50	68	159	102	294

Specification

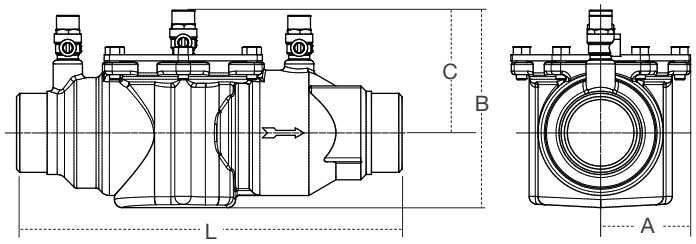
- Design Standard: AS/NZS 2845.1
- Connection Standard: DN15-DN50: MxM BSP
- Working Medium: Non corrosive liquids

Approval

WMKA1335



The 007 Series features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load.

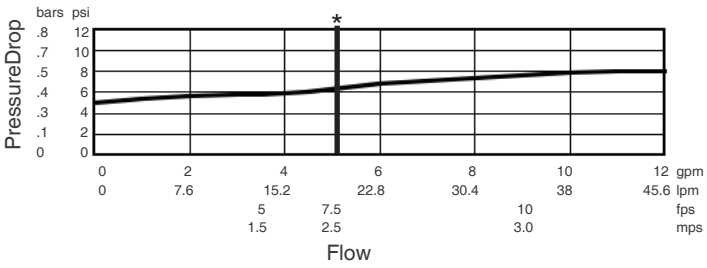


Characteristic Curves

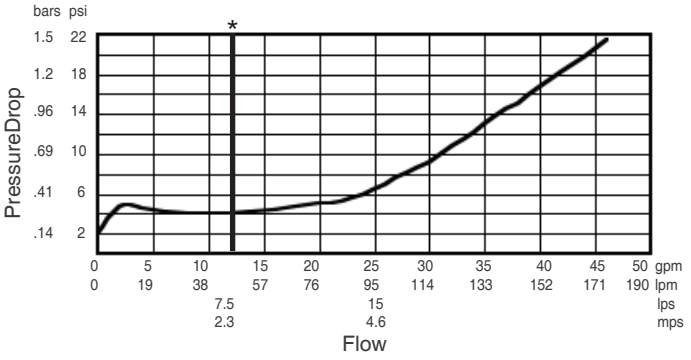
As complied from documented Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California lab tests.

*** Typical maximum system flow rate (2.3 m/s.)**

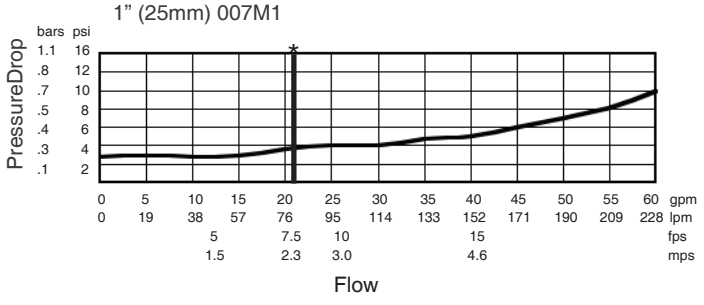
1/2" (15mm) 007



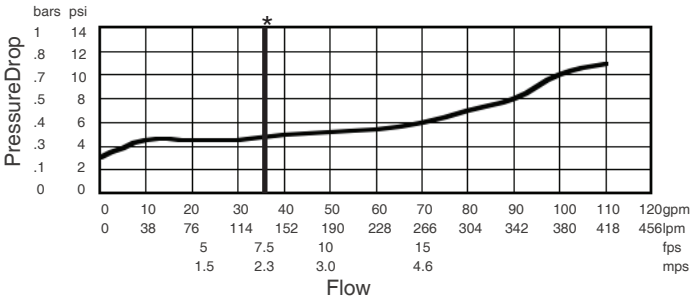
¾" (20mm) 007M3



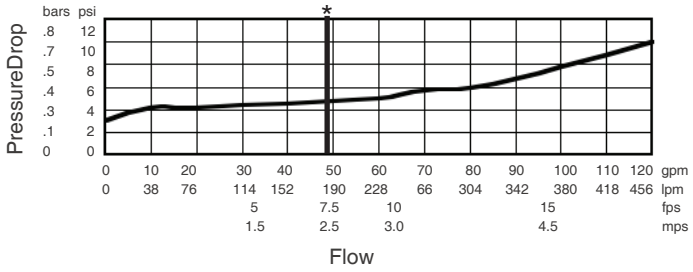
1" (25mm) 007M1



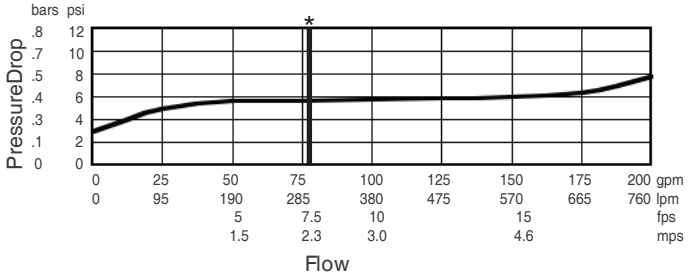
1 ¼" (32mm) 007M2



1 ½" (40mm) 007M2



2" (50mm) 007M1



Note: US gpm