

JONES®

a MUELLER brand

J6000 SERIES BREAK CHECK Product Specification

GENERAL CLASSIFICATION – JONES J6000 SERIES BREAK CHECK

- ▶ Suitable for general waterworks service
- ▶ Use with wet barrel hydrants and closes with inlet pressure when hydrants are struck
- ▶ Replaceable Traffic Flange
- ▶ Manufactured with ANSI/NSF 61/372 compliant components

SELECTIVE SPECIFICATIONS (TO BE SELECTED BY CUSTOMER)

- ▶ **Break Check Flange** – Number of Bolts, Bolt Circle and holes size
 - ▶ **6 Bolt Inlet Connections:**
 - ▶ 9.38" (9-3/8") Bolt Circle, 0.75" (3/4") Dia.
 - ▶ 9.5" (9-1/2") Bolt Circle. 0.875" (7/8") Dia.
 - ▶ **8 Bolt Inlet Connections:**
 - ▶ 9.5" (9-1/2") Bolt Circle 0.875" (7/8") Dia.
- ▶ **Traffic Flange** – Number of Bolts, Bolt Circle and holes size
 - ▶ **6 Bolt Inlet Connections:**
 - ▶ 9.38" (9-3/8") Bolt Circle, 0.75" (3/4") Dia.
 - ▶ 9.5" (9-1/2") Bolt Circle. 0.875" (7/8") Dia.
 - ▶ **8 Bolt Inlet Connections:**
 - ▶ 9.5" (9-1/2") Bolt Circle 0.875" (7/8") Dia.

WORKING AND TEST PRESSURES

- ▶ Standard working pressure is 350 psi
- ▶ Production testing is at twice rated pressure (700 psi)

DESIGN FEATURES

- ▶ **Overall Height** – 3.75" (3-3/4")
- ▶ **Light Weight** – Less than 30 lbs., ergonomically friendly

- ▶ **Heavy Duty Construction** – Ductile Iron and Stainless Steel structural components
- ▶ **Corrosion Resistant** – Ductile Iron Body is E-Coated for long life, C550 compliant epoxy coating inside
- ▶ **Reduced Water Loss** – Uses less water than other designs
- ▶ **Tell-Tale Design** – Mist of water clearly visible when hydrant is struck
- ▶ **Safer Design** – Mist less likely to cause property damage and reduces safety concerns over water column designs
- ▶ **Traffic flange** – breaks cleanly upon impact, yet strong enough for normal handling, shipping, and use. Permits full 360-degree rotation of hydrant to position nozzles in any desired direction
- ▶ **Self-Resetting** – Gravity drops Lever Arm back into place once water flow is stopped
- ▶ **Low Pressure Loss** – < 2.5 psi at 1,000 gpm
- ▶ **Easy to Install** – Installs in minutes with common tools
- ▶ **Low Maintenance** – Few moving parts and robust design
- ▶ **Operation** – Does not affect normal hydrant use
- ▶ **Minimizes Water Hammer** – reduces impact on infrastructure
- ▶ **Flexible Design** – works with hydrants with an inside diameter of 6.625" (6-5/8") or less

MATERIAL SPECIFICATIONS

- ▶ **Housing Body** – Ductile Iron, ASTM A-536
- ▶ **Traffic Flange** – Cast Iron ASTM A-126 Class B
- ▶ **Disc and Arm** – 304 Stainless Steel
- ▶ **Guide Rod** – 303 Stainless Steel
- ▶ **Gasket** – EPDM
- ▶ **Position Block** – 304 Stainless Steel

For more information about Jones water products, please visit joneswaterproducts.com or call Jones customer service at 1.800.423.1323.

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