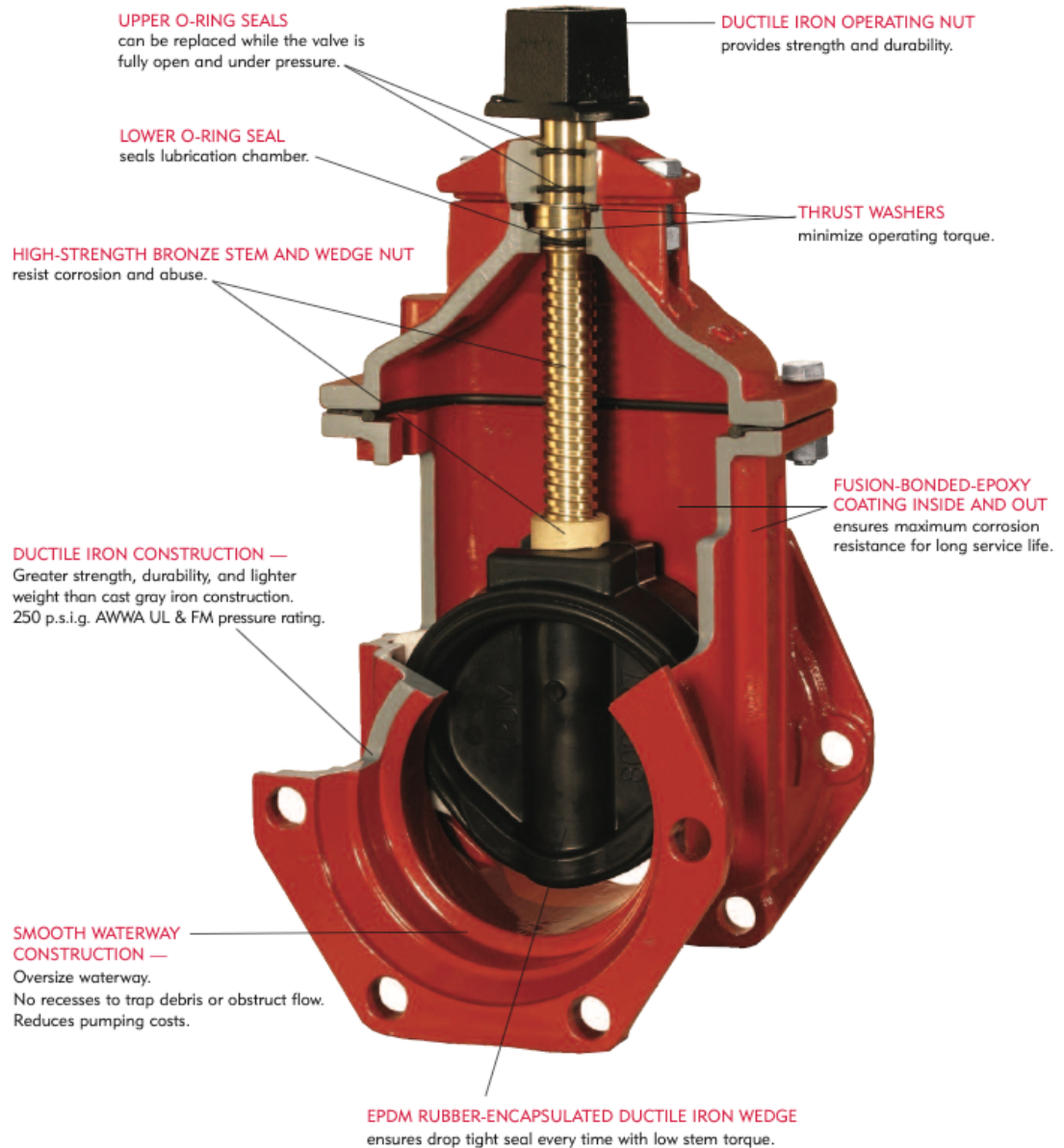


## **IFT-BoreLoc® Provided 6” – 8”AWWA C515 Insertion Gate Valves**

### **Suggested Specifications**

1. BoreLoc® provided Ductile Iron - Resilient Wedge Gate Valves shall meet or exceed all pertinent requirements of ANSI/AWWA C515 gate valve standards and shall surpass ANSI/NSF 61 or drinking water components.
2. Valves shall be Factory Assembled and Tested not allowing disassembly or reassembly in the field prior to customer use. Assembly of a valve in the field after factory testing is not allowed. A valve requiring cutting the pipeline through the valves body prior to final assembly is not allowed. Boreloc® provided C515 4"-12" valves provide a Factory Seat Test of 500 PSI & Factory shell tested to 500 PSI and installed into the pipeline without disassembling after testing has been factory performed. UL/FM approved for 250 psi. rating.
3. Valve stems shall be made of bronze ASTM B584 C86700– Optional: Stainless steel ASTM A276 Type SS 304 / Stainless Steel ASTM A276 Type SS316. Brass ASTM B16 C36000. Stem Nut- Bronze ASTM B584 C86700
4. Valve stems shall have “anti-friction” Delrin / Nylatron thrust washers to reduce operating torque.
5. Valves are available in NRS (Non-Rising Stem) with a 2” square operating nut or hand wheel, either Left hand open or Right hand open. Also available are OS&Y (Open Stem & Yoke) configurations.
6. The operating mechanism is triple O-ring sealed to completely seal against leakage past the stem. Two O-rings are provided above the thrust collar and one below. Upper O-rings can be replaced under pressure without removing the stem when the valve is fully opened.
7. The valve disc is composed of ASTM A536 ductile iron and the 100% EPDM fully encapsulated wedge ensures bubble-tight seal every time up to 250 psi with twin seal design.
8. Valves shall have internal and external surface coating with fusion bonded epoxy coating conforming to AWWA C515 and NSF61 certified protects both inside and outside of valve.
9. Smooth, unobstructed full-size waterway free of pockets, cavities or raised steps. The smooth level waterway provides minimal flow loss and cannot collect corrosion causing debris.
10. Valves shall have Type 316 stainless steel bolts and nuts for long-life corrosion protection.
11. Valves shall be cast, machined, assembled, with Final testing in the USA Factory. Valves shall be warranted by the manufacturer against defects in materials or workmanship for a period of ten (10) years from the date of manufacture.

**AWWA valves shall be provided by Certified IFT-Boreloc®.**



Kennedy® is a Trademark of Kennedy Valve Co.  
AMERICAN® (AFC) is a Trademark of American Cast Iron Pipe Company



IFT-Boreloc® family member of International Flow® Technologies, Inc  
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**AWWAInsertValves.com**