SERIES 200D
REDUCED WALL DUCTILE IRON
RESILIENT WEDGE VALVE

AWWA C515
AWWA C550
SERIES 200D
REDUCED WALL DUCTILE IRON
RESILIENT WEDGE VALVE

Features
❖ Seat Tested 150 PSI
❖ Fusion Bonded Epoxy Coating Complies with ANSI/AWWA C550
❖ Ductile Iron Body, Bonnet, Wedge, and Operating Nut
❖ Shell Tested 500 PSI
❖ Rubber Encapsulated Wedge
❖ Triple O-Ring Stem Seals
❖ Smooth Unobstructed Waterway
❖ 100% Bubble-Tight Closure at 250 PSI
❖ Limited 10 Year Waranty

Models & Sizes
❖ Available in Sizes 2”-12”
❖ 200MD - MJ x MJ
❖ 200WD - FLG x FLG
❖ 200C9D - C900 Push-On
❖ 200RTD - IPS Push-On
❖ 200TVD - Tapping Valve

Description
The Series 200D Ductile Iron 250 PSI Resilient Wedge Gate Valve is designed for use in potable water, sewage, and irrigation control systems.

Ductile Iron Construction
The ductile iron body, bonnet, and wedge provides strength and a pressure rating that meets the requirements of AWWA C515.

Fusion Bonded Epoxy
The Series 200D valve is fully epoxy coated both interior and exterior. The fusion bonded coating is applied prior to assembly so that even the bolt holes and body-to-bonnet flange surfaces are fully epoxy coated.

Triple O-ring Stem Seals
This valve features triple O-ring stem seals. Two O-rings are located above and one O-ring is located below the thrust collar. The upper O-ring, along with the wiper ring, assures that sand, dirt, or grit cannot enter the valve to cause damage to the lower O-rings. This is especially important for buried and sewage service applications.

Thrust Washers
Two thrust washers are used. One is located above and one is located below the thrust collar. These thrust washers assure ease of operation at all times.

Technical Data
Valves shall be resilient wedge type. Valve body, bonnet and wedge shall be constructed of ductile iron. The exterior of the ductile iron wedge shall be encapsulated with rubber.

The wedge shall be symmetrical and seal equally with flow from either direction.

Operating nut shall have four flats at stem connection to assure even distribution of operating input torque to the stem and shall be ductile iron.

Stem shall be sealed by three O-rings. The top two O-rings shall be replaceable with the valve fully open and while subject to full rated working pressure.

Valve shall have thrust washers located above and below thrust collar to assure ease of operation.

All internal and external ferrous surfaces of the valve body and bonnet shall have a fusion bonded epoxy coating, complying with ANSI/AWWA C550, applied electrostatically prior to assembly.
SERIES 200D
REDUCED WALL DUCTILE IRON
RESILIENT WEDGE VALVE

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.

Added Protection - a Matco-Norca Exclusive:
The Wiper Ring helps to keep dirt and debris from entering the valve.

Nylon thrust bushing above and washer below the thrust collar reduce friction and minimize operating torques.

Stainless Steel bolts provide long-life corrosion protection.

High strength, non-corrosive stainless steel stem.

Non-corrosive bronze stem nut.

100% coated wedge ensures bubble-tight seal every time up to 250 PSI with twin seal design

O-ring seal at stuffing box to insure the best possible seal.

Bonnet Gasket provides seal between upper bonnet and lower body.

Corrosion resistant fusion bonded epoxy coating, conforming to AWWA C550 and NSF61 approved, protects both inside and outside of valve.

Pads on the bottom of all valves keep valve in upright position for easier storage and protection from the elements.

All valves are rated at 250 PSI for AWWA service.
All valves are hydrostatically tested to 500 PSI.