



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 Warranty

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

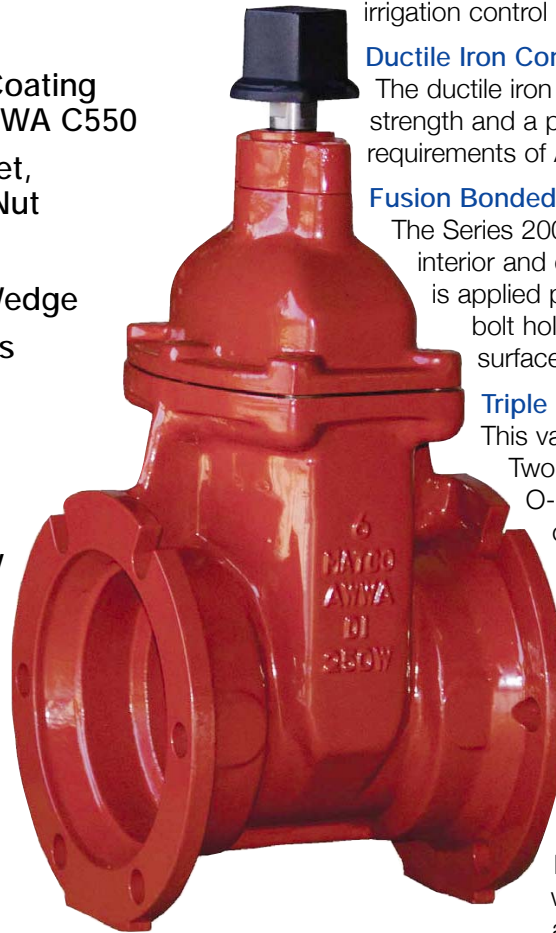
The Series 200D valve is fully epoxy coated both interior and exterior. The fusion bonded coating is applied prior to assembly so that even the bolt holes and body-to-bonnet flange surfaces are fully epoxy coated.

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.

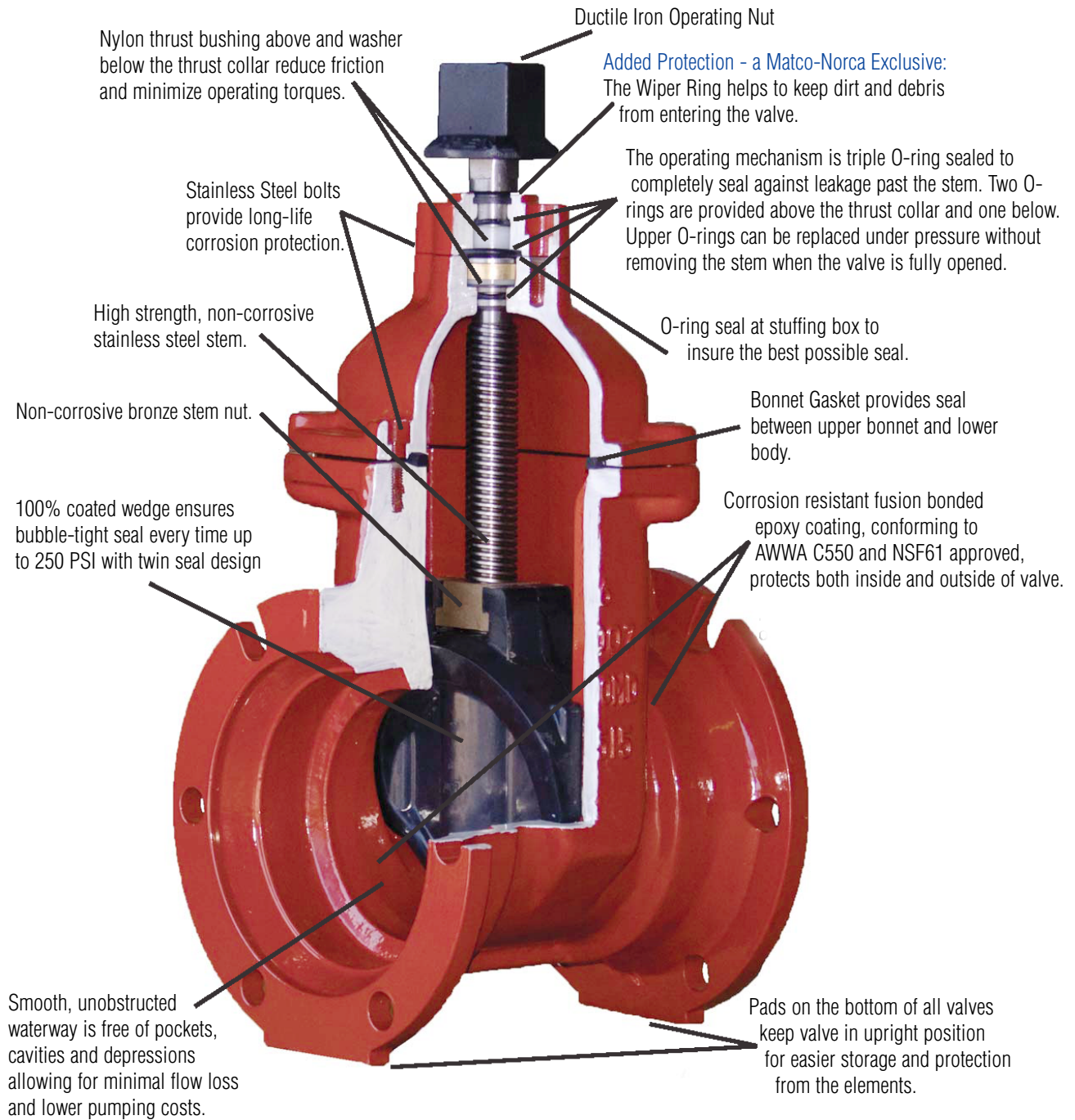
Stem shall be sealed by three O-rings. The top two O-rings shall be replaceable with the valve fully open and while subject to full rated working pressure.

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



All valves are rated at 250 PSI for AWWA service.

All valves are hydrostatically tested to 500 PSI.

Matco Norca Technical Data Sheets

200MD DUCTILE IRON GATE VALVE

• Ductile Iron Body • Resilient Wedge • Mechanical Joint Ends
• Fusion Bonded Epoxy Coating • Non Rising Stem • Stainless Steel Stem
250 PSI CWP
Applications: Potable Water, Water Distribution Service & Feed Lines, Sewage Disposal, Irrigation, Turf, Golf Course

**AWWA C515
MJ Ends Per ANSI/AWWA C111/A21.11**

DIMENSIONS & WEIGHTS

Size	L	OD	DR	D	G	H	W	Wt.	Wt. (incl. handle)
2"	8.3	6.30	3.5	7.60	3.8	9.85	4.88	7.75	26
3"	8.5	7.62	4.5	8.00	3.8	10.86	6.29	8.75	48
4"	9.0	8.42	4.8	8.80	4.0	11.35	7.30	8.88	69
6"	9.5	10.06	6.3	7.80	4.5	16.57	9.50	8.88	109
8"	10.5	11.33	8.5	9.46	4.6	20.75	8.75	8.88	200
10"	13.67	12.3	11.0	7.90	4.8	26.80	8.88	8.88	278
12"	16.00	14.8	13.31	7.75	4.8	31.25	8.75	8.88	421

MATERIAL SPECIFICATIONS

NO. PART	Material	ASTM Designation
1 Body	Ductile Iron	ASTM A536
2 Stem	D1 Rubber	ASTM A534/545/52
3 Stem Nut	Inconel	ASTM A276
4 Stem	Stainless Steel	A276 304
5 Bonnet Nut	Stainless Steel	CR 304
6 Bonnet Gasket	BRN.H	Commerical
7 Bonnet	Ductile Iron	ASTM A534/545/52
8 Spig Nut	Stainless Steel	A276 304
9 Stem Washer	Stainless Steel	CR 304
10 Pickling Box Nut	Stainless Steel	CR 304
11 Pickling Box Gasket	BRN.H	Commerical
12 O-Ring	BRN.H	Commerical
13 Pickling Box	Ductile Iron	ASTM A534/545/52
14 Operating Nut	Ductile Iron	ASTM A534/545/52
15 Spig Nut	Stainless Steel	CR 304
16 Washer	Stainless Steel	CR 304
17 Upper Ring	BRN.H	Commerical

Product Spec Sheet

Brewster, NY TEL: 800-431-2082 FAX: 800-640-2252
Houston, TX TEL: 800-935-5456 FAX: 800-683-4247
La Palma, CA TEL: 866-532-8306 FAX: 866-532-8307
Americus, GA TEL: 800-433-7526 FAX: 800-533-5134

200MD Mechanical Joint Gate Valve

200TVD DUCTILE IRON TAPPING VALVE

MJ x Flange with Alignment Lip Conforms to MSS 5P-60
• EPDM Resilient Wedge • Non Rising Stem
• NSF Approved Fusion Bonded Epoxy • Stainless Steel Stem
250 PSI CWP
Applications: Waterworks, For Use When Tapping Pressurized Lines

Conforms with AWWA C515, C550, C110, C111

Product Spec Sheet

MATERIAL SPECIFICATIONS

NO. PART	Material	ASTM Designation
1 Body	Ductile Iron	ASTM A534/545/52
2 Body Gasket	EPDM	ASTM B2
3 Stem Nut	Inconel	ASTM A276
4 Stem	Stainless Steel	A276 304
5 Bonnet Nut	Stainless Steel	CR 304
6 Bonnet Gasket	BRN.H	Commerical
7 Bonnet	Ductile Iron	ASTM A534/545/52
8 Spig Nut	Stainless Steel	A276 304
9 Stem Washer	Stainless Steel	CR 304
10 Pickling Box Nut	Stainless Steel	CR 304
11 Pickling Box Gasket	BRN.H	Commerical
12 O-Ring	BRN.H	Commerical
13 Pickling Box	Ductile Iron	ASTM A534/545/52
14 Operating Nut	Ductile Iron	ASTM A534/545/52
15 Spig Nut	Stainless Steel	CR 304
16 Washer	Stainless Steel	CR 304
17 Upper Ring	BRN.H	Commerical

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200TVD Tapping Gate Valve

200C9D DUCTILE IRON GATE VALVE

For Use On Ductile Iron Pipe & C900 Pipe
• EPDM Resilient Wedge • Non-Rising Stem • Push On Ends
• NSF Approved Fusion Bonded Epoxy • Stainless Steel Stem
250 PSI CWP
Applications: Waterworks, For Water Mains

Conforms with AWWA C515, C550, C110, C111

Product Spec Sheet

MATERIAL SPECIFICATIONS

NO. PART	Material	ASTM Designation
1 Body	Ductile Iron	ASTM A536
2 Stem	D1 Rubber	ASTM A534/545/52
3 Stem Nut	Inconel	ASTM A276
4 Stem	Stainless Steel	A276 304
5 Bonnet Nut	Stainless Steel	CR 304
6 Bonnet Gasket	BRN.H	Commerical
7 Bonnet	Ductile Iron	ASTM A534/545/52
8 Spig Nut	Stainless Steel	A276 304
9 Stem Washer	Stainless Steel	CR 304
10 Pickling Box Nut	Stainless Steel	CR 304
11 Pickling Box Gasket	BRN.H	Commerical
12 O-Ring	BRN.H	Commerical
13 Pickling Box	Ductile Iron	ASTM A534/545/52
14 Operating Nut	Ductile Iron	ASTM A534/545/52
15 Spig Nut	Stainless Steel	CR 304
16 Washer	Stainless Steel	CR 304
17 Upper Ring	BRN.H	Commerical

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200C9D Gate Valve For C900 Pipe

200RTD DUCTILE IRON GATE VALVE

• Ductile Iron Body • Resilient Wedge • Ring-Tite Ends
• Fusion Bonded Epoxy Coating • Non Rising Stem • Stainless Steel Stem
250 PSI CWP
Applications: Golf Course, Irrigation, Turf, Water Distribution Service & Feed Lines

Conforms with AWWA C515
Push On Ends for IPS PVC Pipe

Product Spec Sheet

MATERIAL SPECIFICATIONS

NO. PART	Material	ASTM Designation
1 Body	Ductile Iron	ASTM A534/545/52
2 Stem	D1 Rubber	ASTM A534/545/52
3 Stem Nut	Inconel	ASTM A276
4 Stem	Stainless Steel	A276 304
5 Bonnet Nut	Stainless Steel	CR 304
6 Bonnet Gasket	BRN.H	Commerical
7 Bonnet	Ductile Iron	ASTM A534/545/52
8 Spig Nut	Stainless Steel	A276 304
9 Stem Washer	Stainless Steel	CR 304
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14 Operating Nut	Ductile Iron	ASTM A534/545/52
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17 Upper Ring	BRN.H	Commerical

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200RTD Ring Tite Gate Valve

200WD DUCTILE IRON GATE VALVE

• Ductile Iron Body • Resilient Wedge • Flanged Ends
• Fusion Bonded Epoxy Coating • Non Rising Stem • Stainless Steel Stem
250 PSI NON-SHOCK CWP
Applications: Potable Water, Water Distribution Service & Feed Lines, Sewage Disposal, Irrigation, Turf, Golf Course

Conforms with AWWA C-515
Flanged Ends Per ANSI B1.6.1 Class 125

Product Spec Sheet

MATERIAL SPECIFICATIONS

NO. PART	Material	ASTM Designation
1 Body	Ductile Iron	ASTM A534/545/52
2 Stem	D1 Rubber	ASTM A534/545/52
3 Stem Nut	Inconel	ASTM A276
4 Stem	Stainless Steel	A276 304
5 Bonnet Nut	Stainless Steel	CR 304
6 Bonnet Gasket	BRN.H	Commerical
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9 Stem Washer	Stainless Steel	CR 304
10 Pickling Box Nut	Stainless Steel	CR 304
11 Pickling Box Gasket	BRN.H	Commerical
12 O-Ring	BRN.H	Commerical
13 Pickling Box	Ductile Iron	ASTM A534/545/52
14 Operating Nut	Ductile Iron	ASTM A534/545/52
15 Spig Nut	Stainless Steel	CR 304
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200WD Resilient Wedge Gate Valve