

Series 225

Ductile Iron Resilient
Wedge Gate Valve



MATCO-NORCA

Global sourcing. National compliance. Local service.

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The Matco-Norca 225 series valve is a 300 PSI resilient wedge gate valve designed for use as a fire main gate valve. It is also suitable as a potable water, sewer force main and irrigation control valve. The ductile iron body, bonnet and encapsulated wedge provide a 300 PSI valve through 12" sizes, while exceeding all the requirements for minimum thickness as required by AWWA C515-15. The flanges and MJ bells are full thickness and exceed all requirements for both C509-15 and C515-15.

This valve is UL listed and FM approved. 100% of Series 225 valves are hydrostatically tested prior to shipment. The test laboratory is certified to ISO 17025 standard and accredited to participate in the UL Witness Test Data Program. The valve can be fitted with a post indicator plate so that both vertical and wall mount post indicators can be attached. The NSF 61 and NSF 372 certifications are provided through UL Water.

The 20 mil thick fusion bonded epoxy is AWWA C550 compliant and covers the full interior and exterior of the valve. Every valve in this series comes standard with a "born on date" for traceability. Each valve has lift lugs, valve box centering guides and a full flow waterway. Each valve is backed with a ten-year factory warranty. All of these features combined with 5 USA stocking locations allows Matco-Norca to provide a competitively priced valve in a fast and efficient manner.



Models & Sizes

225M – MJ X MJ.....	3" – 24"
225W – FL X FL.....	3" – 24"
225FJ – FL x MJ.....	3" – 12"
225RT – PO X PO.....	3" – 12"
225FP – FL X PO.....	3" – 12"
2" FL X FL and– MJ X MJ also available	

Features

- AWWA C515-15 Compliant
- AWWA C509/C515 Flange and MJ Bell Thickness
- AWWA C550 Fusion Bonded Epoxy Coating
- NSF-61/NSF-372 Certified
- UL/FM Fire Main Gate Valve
- 300 PSI 2"-12", 250PSI 14"-16", 200PSI 18"-24"
- Unique "3 UP" valve stem O-ring configuration
- Full Flow Unobstructed Waterway
- Fully Isolated SS Bonnet Bolts
- 10 Year Warranty

Valve Testing Procedures

The 225 series valves have the following tests performed on them:

- Stem torque test of twice the minimum required force for each stem diameter
- All Stem diameters per AWWA C515-15
- Ductile iron material has a minimum yield strength of 76,000 PSI and a minimum elongation factor of 13.5%
- Full flow waterways to the AWWA C515-15 standard
- Hydrostatic Gate Test per AWWA C515-15 to twice the PSI rating in each direction
- Minimum number of turns to open per the AWWA C515-15 standard



Ductile Iron Handwheel

304 Stainless Steel Stem

Unique "3 UP" valve stem
O-ring configuration

Stem Nut and Thrust Collar are made
from ASTM B138 UNS C67500 alloy

Fully Isolated wax covered
304SS bonnet bolts

AWWA C550 Epoxy coating
to a 20 mil thickness

Stem Nut and Thrust Collar are made
from ASTM B138 UNS C67500 alloy

Ductile Iron Encapsulated
EPDM wedge

AWWA C509-15/C515-15
compliant flange and
MJ bell thickness

Smooth Full Flow Waterway





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CALIFORNIA

5595 Fresca Dr., La Palma CA 90623

TEXAS

1150 Silber Rd., Houston TX 77055

ILLINOIS

278 Windy Point Dr., Glendale Heights, IL 60139

GEORGIA

113 Industrial Blvd., Americus, GA 31709

NEW YORK

PO Box 27, R.22, Brewster NY 10509

WEB: www.matco-norca.com

• Toll Free: 866-532-8306 • Fax: 866-532-8307

• Toll Free: 800-935-5456 • Fax: 713-680-2999

• Toll Free: 844-412-5068 • Fax: 800-640-2252

• Toll Free: 800-433-7526 • Fax: 800-533-5134

• Toll Free: 800-431-2082 • Fax: 845-278-9056

EMAIL: mail@matco-norca.com