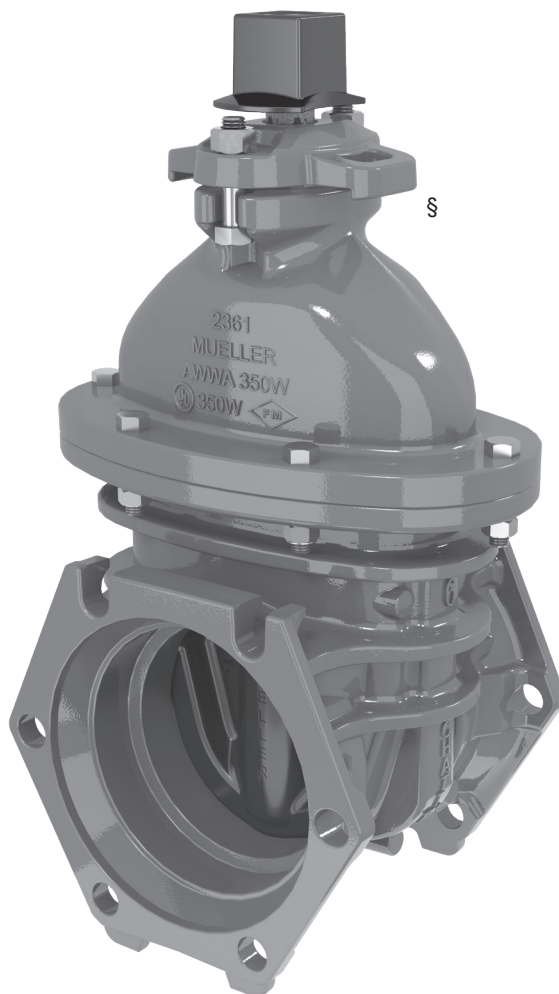


### Mueller 2300 Series Resilient Wedge Gate Valves

Mueller Resilient Wedge Gate Valves have features to make them easier to operate, preserve sealing capability, and interior coating integrity for many years of reliable service. In addition to popular end connection options, Mueller brand RW valves can be ordered with Mueller's exclusive AquaGrip® System that incorporates an o-ring sealed compression connection and integral pipe restraint in one "ready to use" easy and quick to install package.

### Mueller 2"-12" 2300 Series Resilient Wedge Gate Valve Features



6" shown

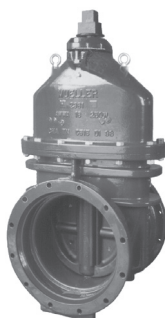
- ❑ **350 PSIG (2400 kPa/24 barg) Maximum Working Pressure** – Hydrostatically tested at 700 psig (4800 kPa/48 barg).
- ❑ **Dual-Purpose Lifting Lugs** – new dual-purpose lifting lugs provide stability for the valve box. Accommodates strap or hooks; provides valve box alignment, eliminating need for valve box adapter.+
- ❑ **American Made Quality** – factory in Chattanooga, TN with ISO 9001 certification. Certified to ANSI/NSF 61 & 372. Manufactured and tested in compliance with ANSI/AWWA Standard C515 or C509. UL 262 Listed and FM 1120/1130 Approved.
- ❑ **Ductile Iron Construction** - Valve body, bonnet, disc, stuffing box, & op nut.
- ❑ **T-Head Bolt Retention** – improved T-head bolt retention feature eliminates need for anti-rotation bolts.
- ❑ **Triple O-ring Seals** – two above thrust collar and one below, retain lubricant in this critical area. Top two are replaceable with valve fully open and under pressure. Fourth O-ring serves as dirt seal.
- ❑ **Two-Anti-Friction Washers With Lubrication** – made of polymer, one above and one below the thrust collar, reduce operating torque to open or close valve.
- ❑ **STEM** – forged manganese bronze bar stock is upset, then machined to form a thrust collar for superior strength in this critical area.
- ❑ **Guide Cap Bearings** – made of polymer and snapped over rubber covered wedge guides, provide bearing surfaces that protect both wedge and interior body coating from wear and aid in easy operation – even the largest valves installed horizontally. Rollers, tracks and scrapers are not needed.
- ❑ **Smooth, Oversized Water Way** – full, round, unobstructed flow way accommodates full size cutters, provides superior flow characteristics and reduces pumping costs.\*\*
- ❑ **Mueller Pro-Guard® Fusion Bonded Epoxy Coating** – 10 mils\* thick protects all inside and outside iron surfaces, and complies with AWWA C550.
- ❑ **316 Stainless Steel Fasteners**
- ❑ **Integral Legs** – stands upright for easier handling and storage.
- ❑ **10-Year Limited Warranty** – assured reliability (see separate Mueller Warranty document for terms).
- ❑ **Designed For Potable Water Applications**

\*Nominal

\*\*16" valve requires 1/2" undersized cutter, 54" valve requires 48" cutter

### Mueller 14" – 54" 2361 Series Resilient Wedge Gate Valve Features

In addition to all the features of the smaller 2361 series valves, large size Mueller 2361 series RW valves offer these features:



- ❑ **Stem** – 18"-54" manganese bronze casting with integral thrust collar.

SIZE	AWWA C515 WORKING PRESSURE	UL WORKING PRESSURE	FM WORKING PRESSURE
14"-16"	250	250	250
18"-24"	250	175 *	250
30"-54"	250	-	-

\* UL Listed without gearing  
- Certified to NSF 61 & 372

Rev. 5-18 Shaded area indicates changes

- ☐ Catalog number
  - A-2362-16** mechanical joint x flanged ends (with accessories unassembled)
  - A-2362-19** mechanical joint x flanged ends (less accessories)
- ☐ Sizes – 2", 3", 4", 6", 8", 10", 12"
- ☐ Meets or exceeds all applicable requirements of ANSI/AWWA C509, UL 262 Listed, FM 1120/1130 Approved, and certified to ANSI/NSF 61 & 372
- ☐ Flanged end drilling complies with ASME/ANSI B16.1 class 125 and B16.42 class 150
- ☐ Mechanical joint end complies with ANSI/AWWA C111 Standard
- ☐ Iron body with nominal 10 mils Pro-Guard® Fusion Bonded Epoxy Coated interior and exterior surface
- ☐ Epoxy coating meets or exceeds all applicable requirements of ANSI/AWWA C550 Standard
- ☐ Iron wedge, symmetrical and fully encapsulated with molded rubber; no exposed iron
- ☐ Non-rising stem (NRS)
- ☐ Triple O-ring seal (2 above the thrust collar and 1 below)
- ☐ 2" square wrench nut – open left or open right
- ☐ 350 psig (2400 kPa/24 barg) maximum working pressure; 700 psig (4800 kPa/48 barg) static test pressure
- ☐ UL Listed, FM Approved: 250 psig (1725 kPa/17 barg)
- ☐ Designed for potable water applications



**A-2362-16 shown**  
 M.J. accessories  
 shipped unassembled

## Options

See page 10.54 for more information on Resilient Wedge Gate Valve options

- ☐ Position indicators
- ☐ Low zinc, silicon bronze ASTM B98-C66100/H02 stem
- ☐ Stainless steel stem: Type 304, Type 316
- ☐ Handwheel
- ☐ EPDM Disc and O-rings

## Resilient wedge gate valve parts

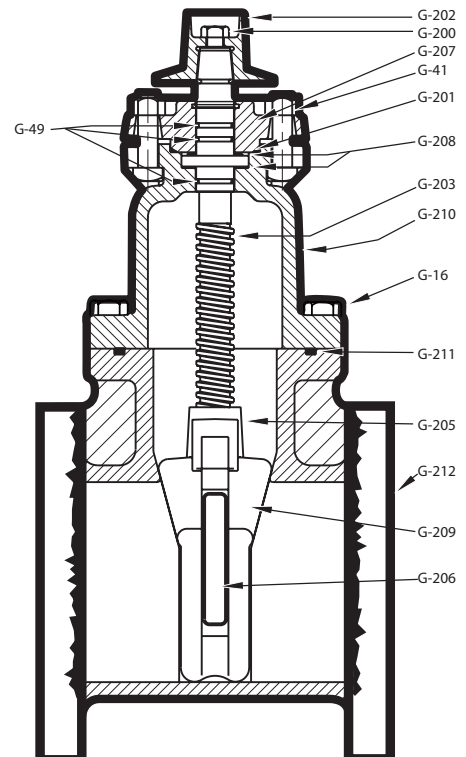
Catalog Part Number	Description	Material	Material Standard
G-16	Bonnet Bolts & Nuts	316 Stainless Steel	ASTM F593 (bolt) ASTM F594 (nut)
G-41	Stuffing Box Bolts & Nuts	316 Stainless Steel	ASTM F593 (bolt) ASTM F594 (nut)
G-49	Stem O-rings (3)	Nitrile	ASTM D2000
G-200	Wrench Nut Cap Screw	316 Stainless Steel	ASTM F593
G-201	Stuffing Box O-ring	Nitrile	ASTM D2000
G-202	Wrench Nut	Ductile Iron	ASTM A536 ▼
G-203	Stem	Bronze	ASTM B138
G-204	Hand Wheel (not shown)	Cast Iron +	ASTM A126 CL.B
G-205	Stem Nut	Bronze	ASTM B584
G-206	Guide Cap Bearings	Acetal	-
G-207	Stuffing Box with dirt seal	Ductile Iron Nitrile	ASTM A536 ▼ ASTM D2000
G-208	Anti-friction Washers (2)	Acetal	-
G-209	Wedge, Rubber Encapsulation	Ductile Iron* SBR	ASTM A536 ▼ ASTM D2000
G-210**	Bonnet	Ductile Iron	ASTM A536 ▼
G-211**	Bonnet O-ring ++	Nitrile	ASTM D2000
G-212**	Body	Ductile Iron	ASTM A536 ▼

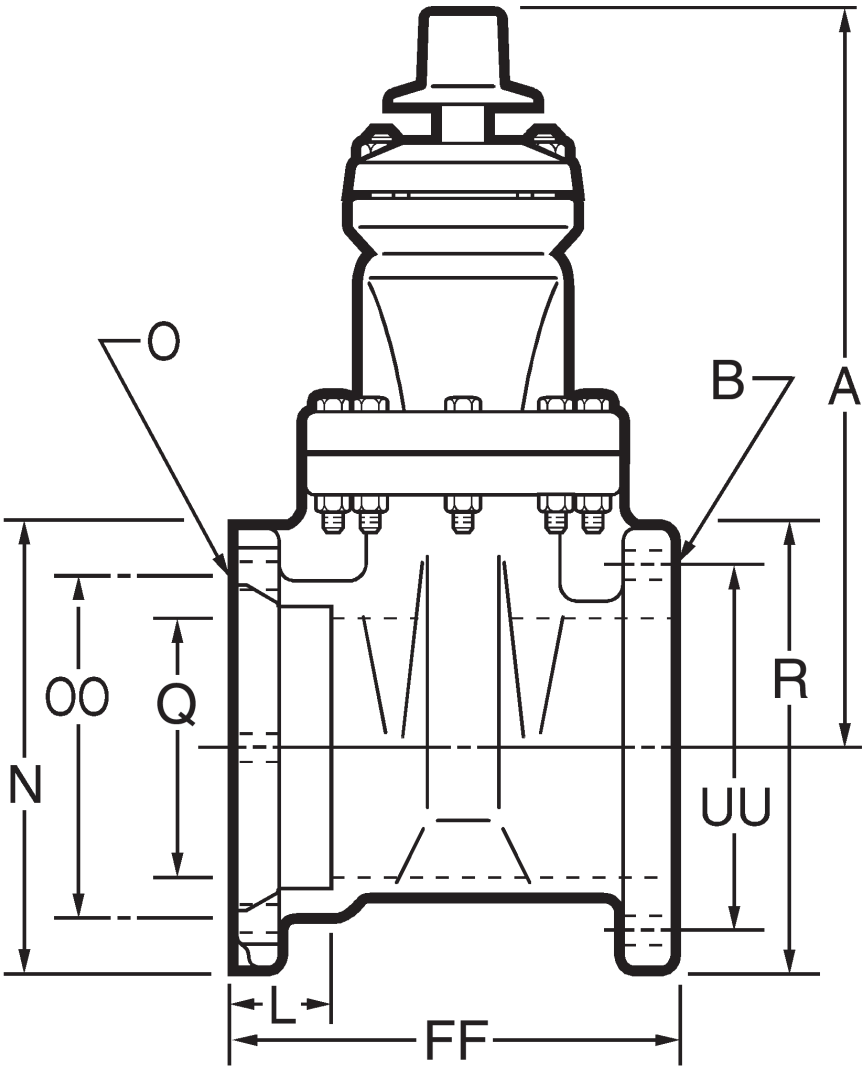
\*Fully encapsulated in molded rubber with no iron exposed;

▼ Material strength ASTM A536 65-45 minimum

+ Manufacturer's option to change material to ductile iron ASTM A536

++ 2"-3" valves use a bonnet gasket





Dimensions

Dimension	Nominal Size						
	2"	3"	4"	6"	8"	10"	12"
A	9.88	12.38	14.19	18.00	21.50	25.50	28.62
L	2.50	2.50	2.50	2.50	2.50	2.50	2.50
N	4.62	7.50	9.12	11.12	13.37	15.62	17.88
O	4--.75	4--.75	4--.88	6--.88	6--.88	8--.88	8--.88
Q (bore)	2.30	3.30	4.30	6.30	8.30	10.30	12.30
OO (bolt circle diameter)	4.75	6.19	7.50	9.50	11.75	14.00	16.25
R	6.00	7.50	9.00	11.00	13.50	16.00	19.00
UU	4.75	6.00	7.50	9.50	11.75	14.25	17.00
FF	8.39	8.8	9.50	11.06	12.09	13.94	14.50
B (numbers and size holes)	4--.75	4--.75	8--.75	8--.88	8--.88	12--1.00	12--1.00
Turns to open	8	11	14	20.5	26.5	33	38.5
Weight*	56	67	115	168	275	400	570

\* All dimensions are in inches. All weights include accessories are in pounds and are approximate.