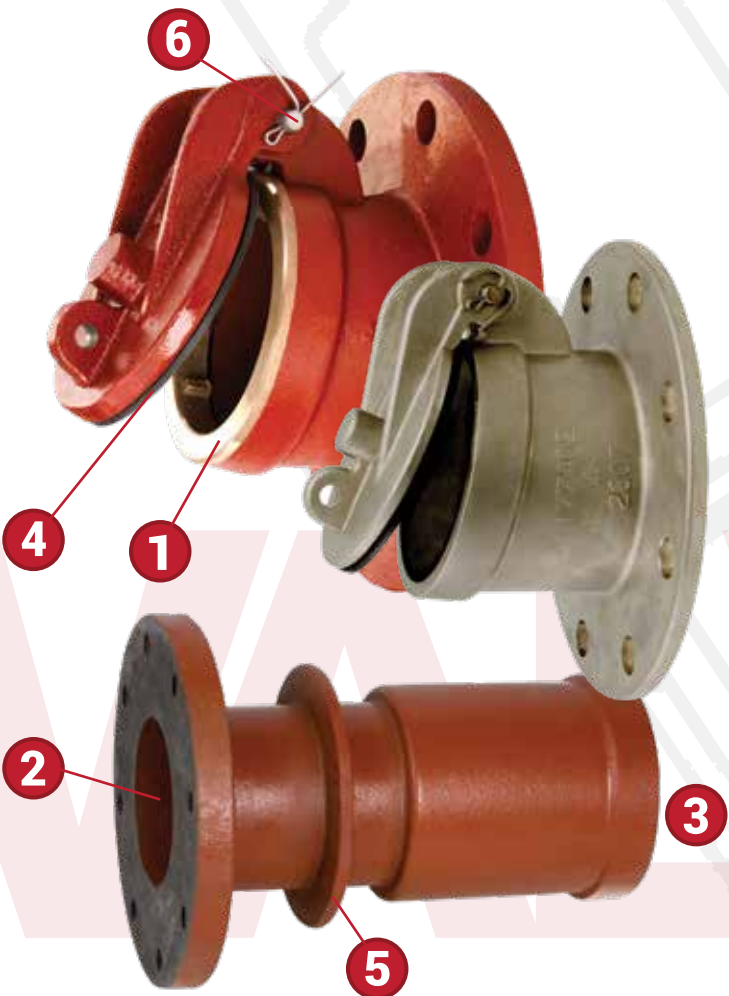


Hydrostatic Pressure Relief Valves

Sizes: 4" and 6"

Floor Type

- 1. Machined Seat:**
Strong, flat surface with resilient to bronze seating
- 2. Removable Grate:**
Allows for easy maintenance
- 3. Extendable with PVC**
- 4. Rubber Gasket Bonded to Lid:**
Won't collapse under water pressure
- 5. Integral Cast Water Stop:**
Helps prevent water from leaking around valve



Wall Type

- 1. Machined Seat:**
Strong, flat surface with resilient to bronze seating
- 2. Removable Grate in Wall Pipe:**
Allows for easy maintenance
- 3. Extendable with PVC**
- 4. Rubber Gasket Bonded to Lid:**
Won't collapse under water pressure
- 5. Integral Cast Water Stop:**
Helps prevent water from leaking around valve
- 6. Stainless Steel Hardware:**
Won't corrode or bind up valve

Scan to learn more about Hydrostatic Pressure Relief Valves.



TROY VALVE | Mud Valves | Relief Valves | T-Valves | Toll Free (800) 232-4442

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Troy Valve has been treating water right since 1984 with the industry's leading line of water and wastewater valves. The expertise and history behind the Penn-Troy brand is rooted even deeper. Why should we be your supplier of choice?

- **Time-Tested Product Designs.** Our valves date back nearly 80 years to Mueller Company.
- **Third Generation Family-Owned and Operated.** We have a culture of longevity and a history of lasting relationships with our customers.
- **American Made.** Troy Valve is proud to be a U.S. manufacturer, ensuring quality products and safe, green manufacturing.
- **ISO Certified.** Our quality control in every process and product is in accordance with strict international standards.
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- **Dedicated, Continuous Support.** Every order is treated with the intention that we'll be serving you for years to come.

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A DIVISION OF PENN-TROY MANUFACTURING INC.



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Troy, PA 16947
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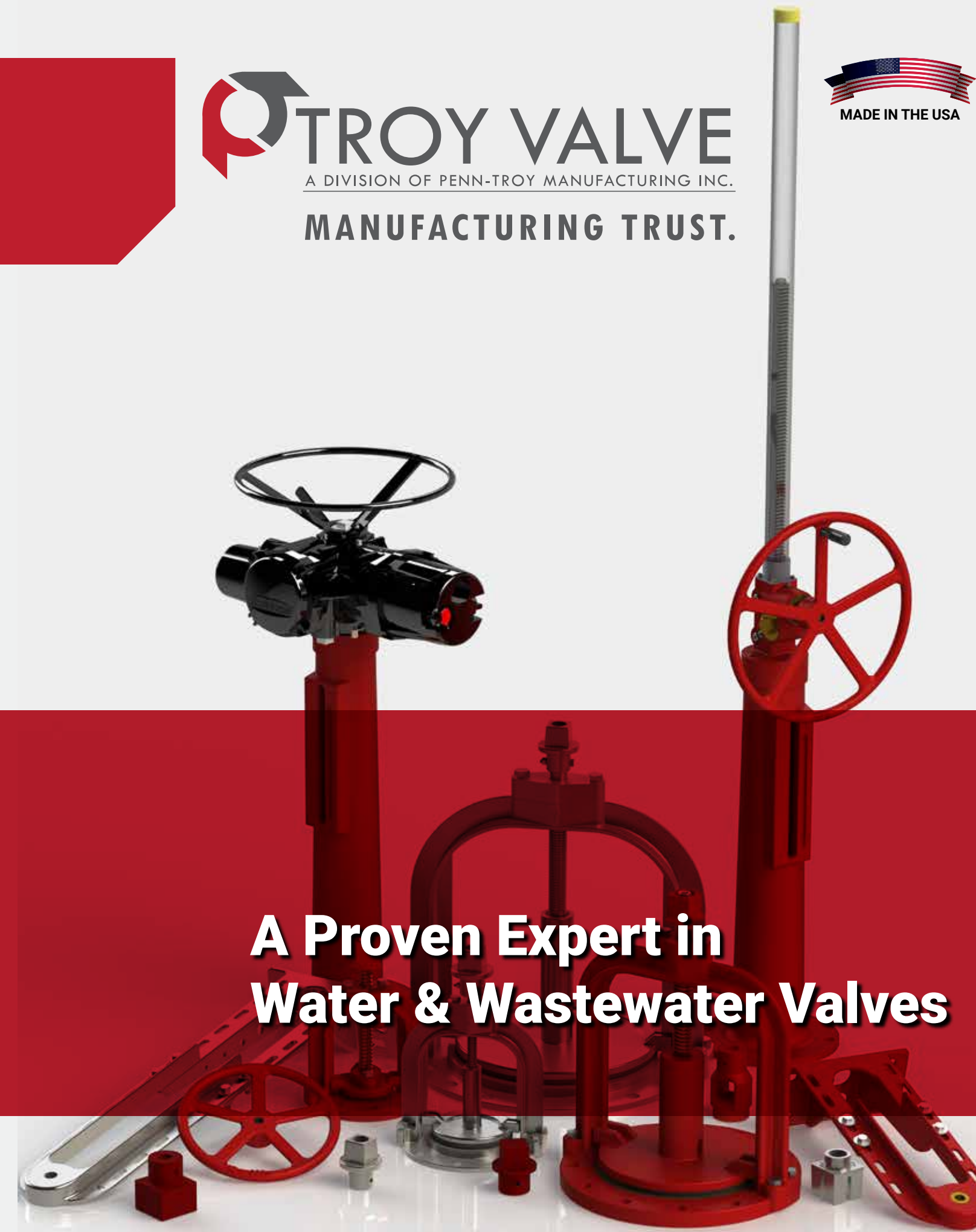
Sales: 570-297-4442
Toll Free: 800-232-4442
Fax: 570-297-4136



Scan to learn more about Troy Valve.

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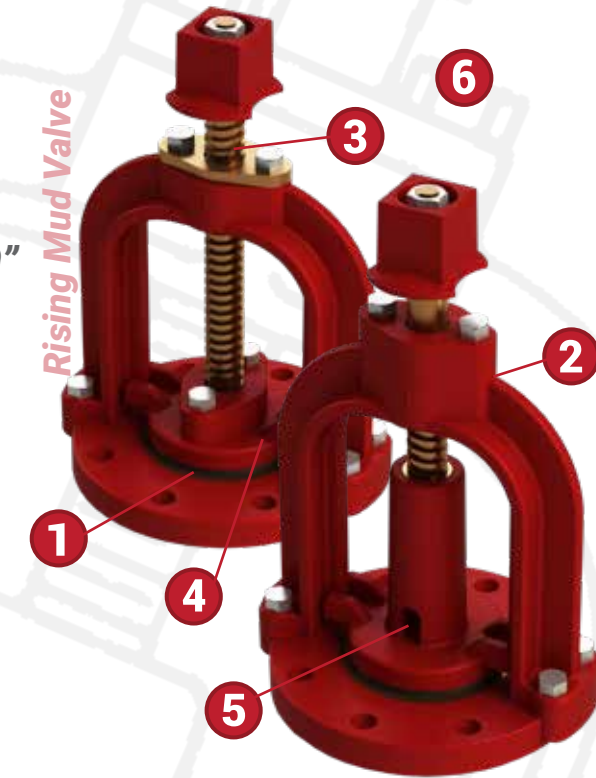


A Proven Expert in Water & Wastewater Valves

Mud Valves

Cast Iron Epoxy Coated Size Range: 3"-30"

- 1. Resilient to Bronze Seating:**
Bubble-tight seal prevents leaking
- 2. TNEMEC Epoxy Coating:**
Resists corrosion and exceeds NSF-61 standards
- 3. Low Torque Stem**
- 4. Plug Body With No Through Holes:**
Less opportunity for leaks
- 5. Plug Stem With Hydraulic Relief Slots:**
Allows sludge to drain out and prevents jamming
- 6. Rising or Non-Rising Models**



MV-X Stainless Steel Size Range: 3"-24"

- 1. Dissimilar Metal Construction:**
Guarantees against galling for the life of the valve
- 2. 3rd Party Tested:**
By an ACLASS accredited ISO certified lab
- 3. Cast 316 Stainless Steel Construction:**
Resists corrosion
- 4. ACME Rolled Thread Stem:**
Harder than cut threads for reduced stress and longevity
- 5. Plug Stem With Hydraulic Relief Slots:**
Allows sludge to drain out and prevents jamming
- 6. Plug Body With No Through Holes:**
Less opportunity for leaks
- 7. Grout Pocket:**
Enables tanks to empty completely



Scan to learn more about Mud Valves.

Telescoping Valves

Size Range: Even sizes 4"–24"

Rising T-Valve

Rising Screw-Type Model

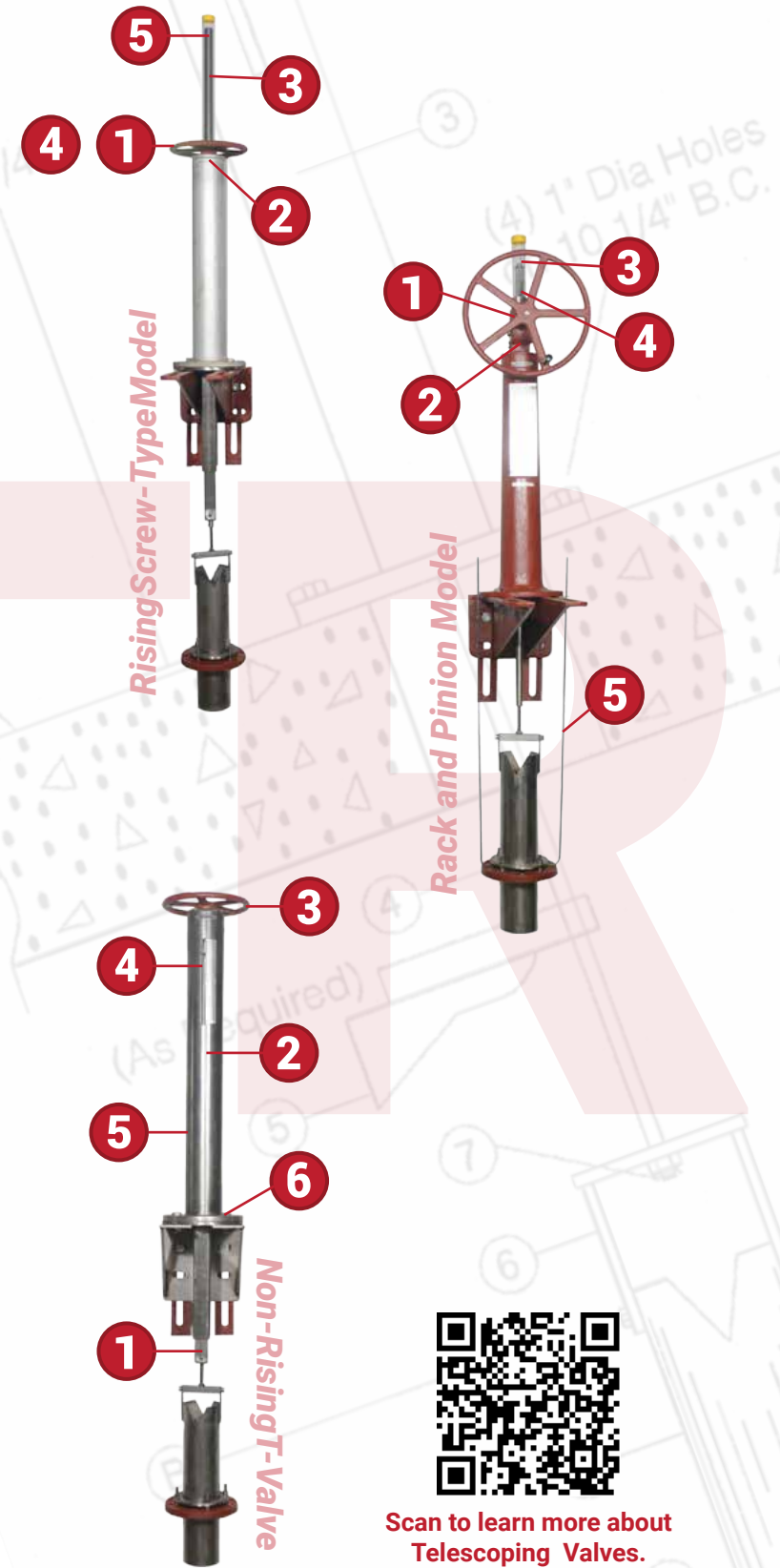
- Traditional Hand Wheel**
- Bevel Gear Operator:**
Self-locking mechanism holds valve position and ensures safety
- Clear Stem Cover Tube:**
Protects stem and allows for reference marks
- Mylar Indication Strip:**
Gives precise 1/4" indication of valve position
- Optional Electric Actuation**

Rack and Pinion Model

- Rack and Pinion Design:**
Achieves longer travel with easier installation process than traditional models
- Safety-Lock Gearbox:**
Allows safer, easier operation and infinite adjustment
- Clear Rack Cover Tube:**
Protects rack and allows for reference marks
- Mylar Indication Strip:**
Gives precise 1/4" indication of valve position
- Optional Lubrication System at Flange Level:**
Pumps grease to the slip tube

Non-Rising T-Valve

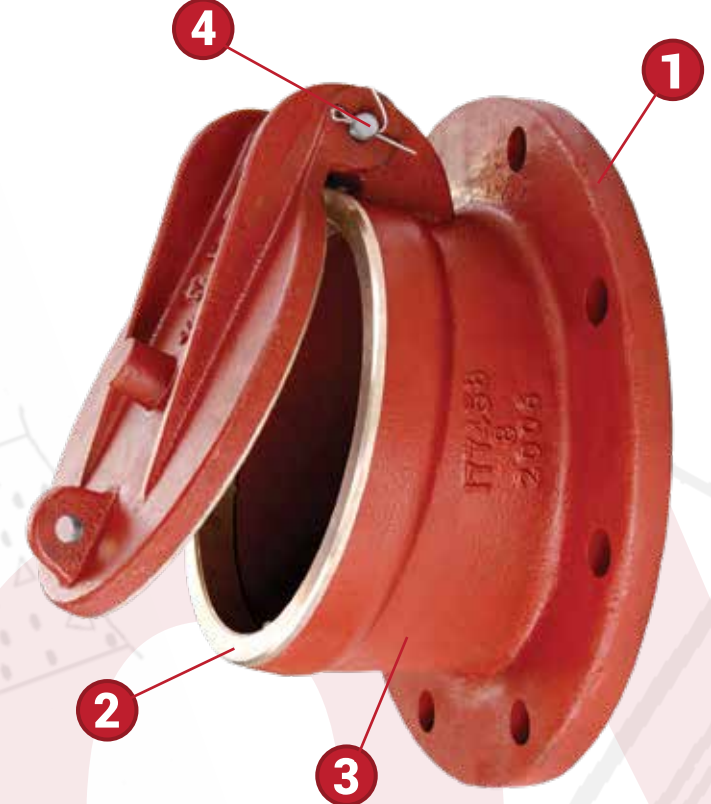
- Anti-Rotation Assembly:**
Prevents slip tube from turning in place
- Rapid Travel:**
Quadruple lead ACME thread allows 16 turns per foot
- Self-Locking Design:**
Self-locking mechanism holds valve position over time
- Floor Stand Indication:**
Comes pre-assembled for easy install
- All Stainless Steel Construction:**
Corrosion-resistant, long-lasting, guaranteed against galling
- Optional Electric Actuation**



Scan to learn more about Telescoping Valves.

Flap Valves

Size Range: 4"–30" & 36"
(30" & 36" Available only in resilient to bronze seating)

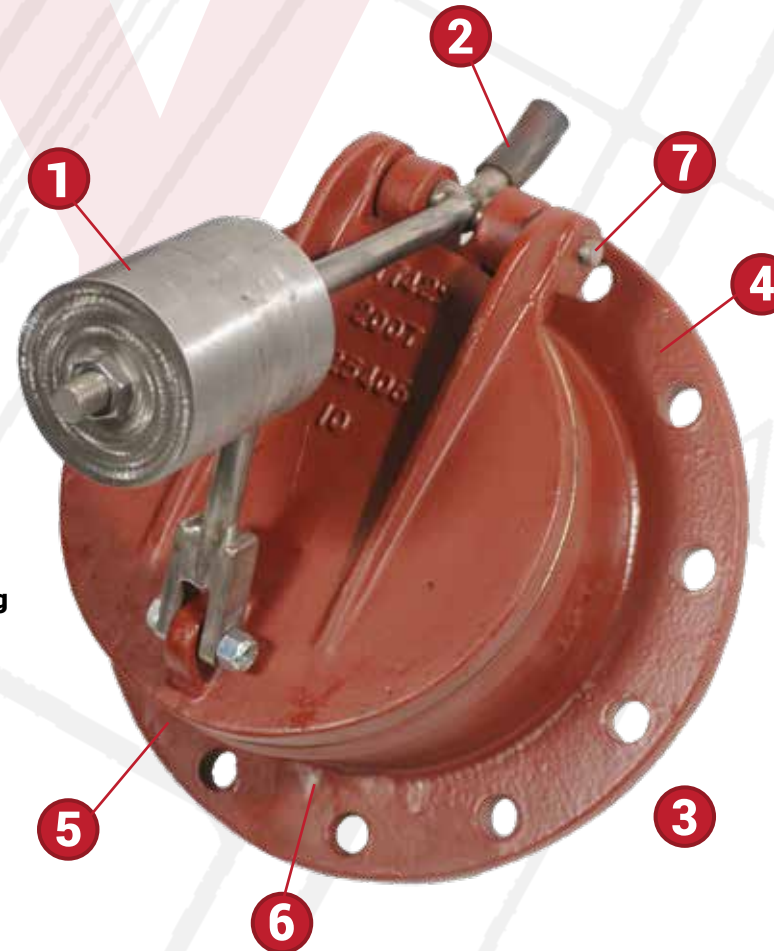


Standard

- Cast Iron Design:**
Less potential for failure over time
- Bronze to Bronze or Resilient to Bronze Seating**
- Two Part Epoxy Coating:**
Lasting protection against corrosion
- Stainless Steel Hinge & Cotter Pins:**
Won't corrode and bind up valve

Weighted

- Adjustable Counterweight**
- Mechanical Stop:**
Prevents lid over-rotation
- Upside Down Mounting**
- Cast Iron Design:**
Less potential for failure over time
- Bronze to Bronze or Resilient to Bronze Seating**
- Two Part Epoxy Coating:**
Lasting protection against corrosion
- Stainless Steel Hinge & Cotter Pins:**
Won't corrode and bind up valve

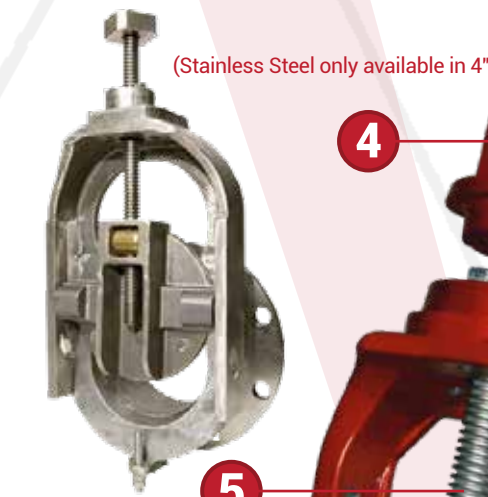


Shear Gate & Sluice Gate Valves

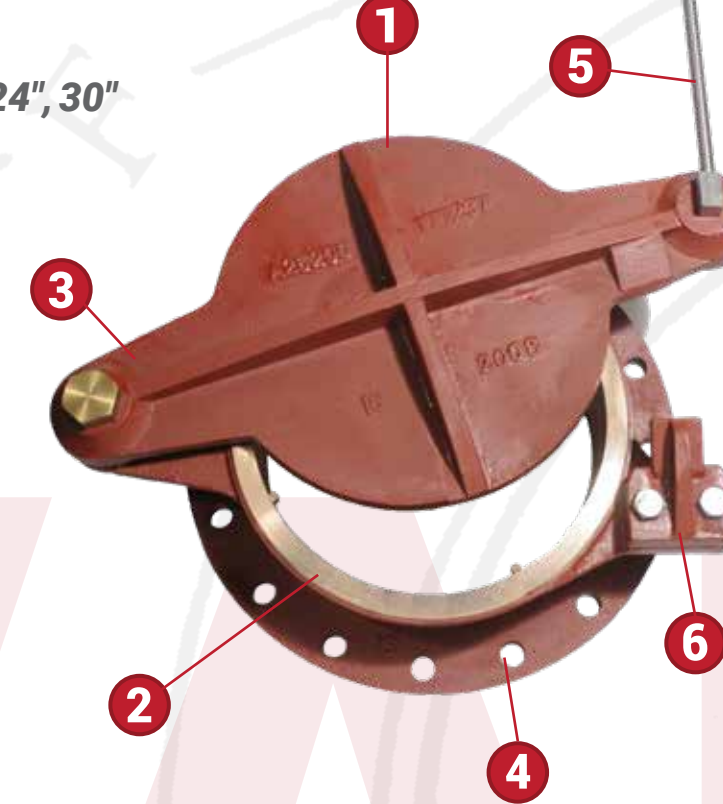
Shear Gate Valves

Size Range: Even sizes 4"–20", 24", 30"

- Cast Iron Design:**
Less potential for failure over time
- Machined Bronze to Bronze Seating**
Lasting protection against corrosion
- Two Part Epoxy Coating:**
Lasting protection against corrosion
- Offset Body:**
30 degree offset flange allows for easy use of lift rod
- Standard 2 Foot Lift Rod:**
Also available in stainless steel and custom lengths
- Single Wedge Design:**
Allows for complete closure



(Stainless Steel only available in 4")



Sluice Gate Valves

Size Range: 4", 6", 8", 12"

- Cast Ductile Iron Design:**
Less potential for failure over time
- Self-Contained Assembly:**
4"–8" valve doesn't require guide rails
- High Unseating Pressure Tolerance:**
50 psi rating exceeds industry standard
- Extension Stem Operation:**
Socket connected to sluice gate can be operated by a 2" nut, floor stand or hand wheel
- Stainless Steel Stem:**
Prevents corrosion and ensures smooth operation
- Ball Bearing Adjustment Screws:**
For 12" models to ensure fully even seal

Operators & Accessories

Floor Box

- Concrete Floor or Slab Installation
- Non-Obstructing Point of Operation
- Cast Iron Construction
- Custom Bore Bronze Bushing
- Field Adjustable:
8", 10" or 12" floor thickness
- Can be mounted on stem guides, floor stands, or in a floor box
- Gives users the ability to see their progress no matter what the arrangement of their accessories is.
- One size fits all



Floor Stands

- Many Models:
Water tight, rising, non-rising with indication, offset, quarter turn, locking and more
- Cast Design:
Cast ductile iron or 304/316 stainless steel
- Customizable:
– Pre-machined to electric actuator specifications
– Bevel gear actuation
– Hand wheels of various sizes, spinners, materials
– Height (for stainless steel)
– Hand wheel and sleeve coupling available in cast iron or stainless steel
– Turn indication number
– Base guide plate available
– Anti-rotation for t-valves



Valve Extension Stems

- Materials:
Carbon or 304/316 stainless steel, round bar stock or pipe
- Sleeve Couplings:
– Custom diameters
– 304 or 316 stainless steel and cast iron
- Op-Nuts:
– Direction indicating arrow
– Round or square hole models
– 2" standard
– Stainless steel or cast iron
- Sockets:
– Accepts 2" square AWWA operating nut
– Accepts round or 1" square stems
– 2" standard
– Stainless steel or cast iron
- U-Joints:
– Available with boot to maintain lubrication
– Steel or stainless steel
- Stems:
– Custom lengths
– Round stock, pipe or galvanized pipe
– Stainless steel in pipe and round stock
- Centering Ring:
– Available in steel and stainless steel
– Aluminum available in valve extension stem kit
- Hand Wheels:
– Cast iron
– Stainless steel
– Aluminum



Stem Guides

- Adjustable in Two Directions:
Length and lateral wall mounting
- Rugged Cast Design:
Cast 316 stainless steel or cast ductile iron
- Light Weight
- Many Models:
Small, medium, large or extra large
- Custom Bore Sizes

