Kennedy Gate valves with its unique features have been used in water and fire protection Industry for over 100 years. Our gate valves conforms to AWWA C 515 with Cast Iron or Ductile Iron body with discs / wedges totally encapsulated with Rubber offering bubble tight shut off. Valves are designed with smooth unobstructed and are free of pockets, cavities and depressions in the seat area. The valves are available with NRS (non-rising stem) and OS&Y configurations.

The valve has only two moving internal parts the gate and the stem. The gate is fully supported throughout travel by an integrally cast tongue and groove fit between it and the valve body. A dual rubber seal is formed between the rubber encapsulated resilient wedge and the valve body to guarantee drop-tight shut-off every time. The combination of true compression and dynamic wedging of the gate is created without harmful sliding, shearing or other wear-inducing action. The massive vulcanized rubber seating edges on the gate self-absorb normal wear and tear, assuring a positive seal, even after years of service. The valve will seal bubble-tight to 250 psi working pressure, with the flow in either direction and the valve in any position. The valve features an unobstructed, thru-conduit flow path for full flow capacity. Closed, the valve provides bottle-tight, zero leakage in either direction at full rated differential pressure with dual body gate seating.

General Specifications
Type : Resilient Seated Ductile Iron Gate Valves to AWWA C 515
Sizes : 2” to 16” Flanged
Working Pressure : 250 PSIG (17.2 Bar)

Models
7561 : NRS Gate Valves, Flanged
7068 : OS&Y Gate Valves, Flanged

Flanges
ANSI B 16.10 Class 150 FF
Options : Flanges Drilled to PN16
Mechanical Joint (MJ) or TYTON ends available
Flange Face in RF /FF options

Face to Face
ANSI B 16.10

Test Pressure
Seat Test : 400PSI (27 Bar) to AWWA C 515
Body Hydraulic : 500 PSI (34bar) to AWWA C 515
Options : Test pressure to meet EN1074-1 standard for PN16 Valves

Coating
Fusion bonded nontoxic epoxy coating NSF 61 Certified and meeting AWWA C-550 Standards. Standard color Red.

UL/FM Approvals*
UL/FM Approved for 200 PSIG Rating

Accessories and Optionals
Tapped pipe plug on valve body
Indicator Posts,
Hand wheels,”T” Handles, Extension Stems
Stem Guides, Floor Boxes, Stem caps
Square Operating Nuts, Chain Wheels
Floor Stands (non-rising stem),
Gear Boxes for 14” and above

*Remarks: Options and sizes are limited to UL/FM models. Please check with us prior to ordering.

The specifications and material grades shown are subject to revision without notice based on our product improvement programme.
Engineering Features KS RW

Stainless Steel nuts and bolts providing long-life corrosion protection

The operating mechanism is triple O-rings 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.

Kennedy corrosion resistant fusion-bonded epoxy coating, conforming to AWWA C550 and NSF61 Certified, protects both inside and outside of valve

100% EPDM encapsulated wedge ensures bubble-tight seal every time up to 250 psi with twin seal design.

O-ring seals at stuffing box and bonnet to body flanges to ensure the best possible seal. No flat gaskets.

Material of Construction KS RW 7561 SS & 7068 A

<table>
<thead>
<tr>
<th>Item</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>Body</td>
<td>Ductile Iron ASTM A536 Gr. 70-50-5</td>
</tr>
<tr>
<td>Bonnet / Yoke</td>
<td>Ductile Iron ASTM A536 Gr. 70-50-5</td>
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<tr>
<td>Wedge</td>
<td>EPDM Encapsulated Ductile Cast Iron</td>
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<tr>
<td>Stem</td>
<td>Bronze ASTM B584 C86700 (NRS) Stainless Steel ASTM A276 Type SS 304 (OS&amp;Y) Options - Stainless Steel ASTM A 276 Type SS316 - Brass ASTM B16 C36000</td>
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<td>Stem Nut</td>
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<td>O Rings</td>
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<td>Thrust Washer Bearing</td>
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<td>Bolt &amp; Nuts</td>
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<td>Bonnet O Ring</td>
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<tr>
<td>Packing for OS&amp;Y</td>
<td>Lubricated Fiber</td>
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<td>Hand wheel</td>
<td>Grey Cast Iron ASTM A126</td>
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<td>Stem Cap 2” Sq. Nut</td>
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<tr>
<td>Coating</td>
<td>Fusion Bonded Epoxy (230 Microns)</td>
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Remarks: Ductile Iron ASTM A536 Gr. 70-50-5 is comparable to EN 1563
### Dimensions KS RW

**MODEL 7561**  
NON RISING STEM TYPE

**MODEL 7068 A**  
OS&Y RISING STEM TYPE

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**Dimensions are in mm.**

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<tr>
<th>SIZE INCHES</th>
<th>SIZE MM</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<th>7561 NRS G</th>
<th>7561 NRS Weight KG</th>
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* Face to face dimensions conform to ASME B16.10  
  Standard Flange Drilling ANSI 150 FF; Other drillings on request
COMMITTED TO ENVIRONMENTAL RESPONSIBILITY

McWane Inc. is committed to protecting our natural resources through environmentally responsible manufacturing practices including the use of 80% plus recycled content in our valves and hydrants.

McWane is the largest manufacturer of fire hydrants in USA with more than 14 foundries and three valve manufacturing units. Our range of Resilient Seated Gate valves range in sizes from 2” to 58” sizes. We manufacture a wide range of Pipes, Fittings, Isolation Valves, Fire Hydrants, Fire Suppression Systems etc. to meet various customer needs.

OPTIONAL EXTRAS FOR GATE VALVES

- Post indicators
- Floor Stand
- Gear Units
- T Keys
- Stem Extension
- Floor Box

UL/FM PIPE LINE PRODUCTS RANGE

- Check Valve
  - Flanged
  - Wafer
- Butterfly Valves
- Dry Barrel Hydrants
- Wet Barrel Hydrants
- Monitor Hydrants

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Clow Valve:
902 South Second Street Oskaloosa, IA 52577 USA

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