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## IRON GATE & CLIP GATE

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR1138 or IR1138-HI*</td>
<td>125 WSP 200 WOG, Non-Rising Stem, IBBM, MSS SP-70, IR1138 Available 2&quot; Thru 12&quot;, IR1138-HI Available 2&quot; Thru 24&quot;</td>
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<tr>
<td>IR1144 or IR1144-HI*</td>
<td>125 WSP 200 WOG, Non-Rising Stem, All Iron, MSS SP-70, IR1144 Available 2&quot; Thru 12&quot;, IR1144-HI Available 2&quot; Thru 24&quot;</td>
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<tr>
<td>IR1140 or IR1140-HI*</td>
<td>125 WSP 200 WOG, OS &amp; Y, IBBM, MSS SP-70, IR1140 Available 2&quot; Thru 12&quot;, IR1140-HI Available 2 Thru 24&quot;</td>
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<tr>
<td>IR1146, IR1146-HI* or IR1140-UL</td>
<td>125 WSP 200 WOG, OS &amp; Y, All Iron, MSS SP-70, IR1146 Available 2&quot; Thru 12&quot;, IR1146-HI Available 2&quot; Thru 36&quot;, IR1140-UL Available 2-1/2&quot; Thru 6&quot;</td>
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<tr>
<td>IR1913</td>
<td>3% Nickel Iron, OS &amp; Y, Iron Body, SS Trim, MSS SP-70, 2&quot; Thru 12&quot;</td>
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<tr>
<td>IR330 or IR330-HI*</td>
<td>250 WSP 200 WOG, OS &amp; Y, IBBM, MSS SP-70, Available 2&quot; Thru 12&quot;, IR330-HI Available 2&quot; Thru 12&quot;</td>
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## IRON GLOBE

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Material</th>
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</thead>
<tbody>
<tr>
<td>IR116 or IR116-HI*</td>
<td>125 WSP 200 WOG, MSS SP-85, IR116 Available 2&quot; Thru 10&quot;, IR116-HI Available 2&quot; Thru 10&quot;</td>
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<tr>
<td>IR313-HI</td>
<td>250 WSP 500 WOG, IBBM, MSS SP-85, Available 2&quot; Thru 6&quot;</td>
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## IRON CHECK

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Material</th>
</tr>
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<tbody>
<tr>
<td>IR1124, IR1124-HI* or IR1124-UL</td>
<td>125 WSP 200 WOG, IBBM MSS SP-71, IR1124 Available 2&quot; Thru 12&quot;, IR1124-HI Available 2&quot; Thru 24&quot;, IR1124-UL Available 2&quot; Thru 12&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR1126-HI*</td>
<td>125 WSP 200 WOG, All Iron IR1126-HI Available 2&quot; Thru 10&quot;</td>
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</tr>
<tr>
<td>IR1937</td>
<td>3% Nickel Iron, Iron Body, SS Trim, MSS SP-71, 2&quot; Thru 12&quot;</td>
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<tr>
<td>IR322-HI*</td>
<td>250 WSP 500 WOG, IBBM MSS SP-71, 2-1/2&quot; Thru 6&quot;</td>
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</tbody>
</table>

## SILENT CHECK**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Dimensions</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>IR9253</td>
<td>Class 125, Wafer-Style Cast-Iron Body, Stainless Steel Disc, SS Spring ANSI NSF-372 Available 2&quot; Thru 10&quot; (Also Available Class 250)</td>
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<tr>
<td>IR9354</td>
<td>Class 125, Globe-Style Cast-Iron Body, Stainless Steel Disc, SS Spring ANSI NSF-372 2-1/2&quot; Thru 24&quot; (Also Available Class 250)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* or “HI” designates International

** The wetted surface on this product with S.S. Trim contacted by water contains less than one quarter of one percent (.25% of lead by weight).
### BRONZE GATE VALVES

#### NON-RISING STEM

**Threaded End-Threaded Bonnet**

**IB645**

- 125 PSI WSP-200 PSI WOG, MSS SP-80, 1/4” Thru 4”
- 150 PSI WSP-300 PSI WOG, MSS SP-80, 1/4” Thru 4”

**Press x Press Ends - Threaded Bonnet**

**IB645 P2**

- 200 PSIG @ 250°F, MSS SP-80, 1/2” Thru 2”

**NON-RISING STEM**

**Solder End-Threaded Bonnet**

**IB647**

- 125 PSI WSP-200 PSI WOG, MSS SP-80, 3/8” Thru 4”

**NON-RISING STEM**

**Threaded End-Union Bonnet**

**IB638**

- 150 PSI WSP-300 PSI WOG, MSS SP-80, 1/4” Thru 2”
- 300 PSI WSP-1000 PSI WOG, Stainless-Steel Seats, MSS SP-80, 1/4” Thru 2”

**Press x Press Ends - Union Bonnet**

**IB638 P2**

- 200 PSIG @ 250°F, MSS SP-80, 1/2” Thru 2”

#### RISING STEM

**Threaded End-Threaded Bonnet**

**IB640**

- 125 WSP- 200 WOG, MSS SP-80, 1/4” Thru 4”
- 150 WSP-300 WOG, MSS SP-80, 1/4” Thru 4”

**Press x Press Ends - Threaded Bonnet**

**IB640 P2**

- 200 PSIG @ 250°F, MSS SP-80, 1/2” Thru 2”

**RISING STEM**

**Solder End-Threaded Bonnet**

**IB656**

- 125 WSP-200 WOG, MSS SP-80, 3/8” Thru 4”

#### QUICK-OPENING GATE VALVES

**Threaded Ends**

**IB610**

- 150 WSP-300 WOG, Quick-Open Lever Handle, 1/2” Thru 4”

**RISING STEM**

**Threaded End-Union Bonnet**

**IB617**

- 125 WSP- 200 WOG, MSS SP-80, 1/4” Thru 3”

**IB629**

- 150 WSP-300 WOG, MSS SP-80, 1/4” Thru 3”

**IB650**

- 200 WSP-400 WOG, Cu-Ni Seat Ring, MSS SP-80, 1/4” Thru 2”

**IB651**

- 200 WSP-400 WOG, Stainless-Steel Seat Ring, MSS SP-80, 1/4” Thru 2”

**IB652**

- 300 WSP-1000 WOG, Cu-Ni Seat Ring, MSS SP-80, 1/4” Thru 2”

**IB654**

- 300 WSP-1000 WOG, Stainless-Steel Seat Ring, MSS SP-80, 1/4” Thru 3”

**IB656**

- 200 WSP-400 WOG, Cu-Ni Seat Ring, MSS SP-80, 1/4” Thru 2”

- 300 WSP-1000 WOG, Stainless-Steel Seat Ring, MSS SP-80, 1/4” Thru 3”

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BRONZE GLOBE & ANGLE VALVES

**GLOBE THREADED BONNET**
Threaded Ends

- **IB440**
  - 125 WSP-200 WOG, MSS SP-80, Bronze Disc, 1/8” Thru 3”
- **IB415**
  - 200 WSP-400 WOG, MSS SP-80, Needle Disc, 1/8” Thru 3/4”

**Press x Press Ends**

- **IB440 P2**
  - 200 PSIG @ 250°F, MSS SP-80, Bronze Disc, 1/2” Thru 2”

**GLOBE UNION BONNET**
Threaded Ends

- **IB413T**
  - 150 WSP-300 WOG, MSS SP-80, PTFE Disc, 1/8” Thru 3”
- **IB412**
  - 300 WSP-1000 WOG, MSS SP-80, Bronze Disc, 1/4” Thru 2”
- **IB434**
  - 200 WSP-400 WOG, MSS SP-80, SS Seat & Disc, 1/4” Thru 2”
- **IB444**
  - 300 WSP-1000 WOG, MSS SP-80, SS Seat & Disc, 1/4” Thru 2”

**Press Ends**

- **IB413T P2**
  - 200 PSIG @ 250°F, MSS SP-80, PTFE Disc, 1/2” Thru 2”

**GLOBE THREADED BONNET**
Solder Ends

- **IB418**
  - 125 WSP-200 WOG, MSS SP-80, Bronze Disc, 3/8” Thru 2”

**GLOBE UNION BONNET**
Solder Ends

- **IB423**
  - 150 WSP-300 WOG, MSS SP-80, PTFE Disc, 1/2” Thru 3”

**ANGLE THREADED BONNET**
Threaded Ends

- **IB463**
  - 125 WSP-200 WOG, MSS SP-80, Bronze Disc, 1/4” Thru 2-1/2”

**ANGLE UNION BONNET**
Threaded Ends

- **IB454T**
  - 150 WSP-300 WOG, MSS SP-80, PTFE Disc, 1/4” Thru 2”

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COMMERCIAL BALL VALVES

2-PIECE BRONZE

Standard Port
8501 600 WOG 150 WSP, Threaded, 1/4” Thru 3”
8501-16 600 WOG 150 WSP, Threaded, Insulated handle 1/4” Thru 3”
8503 600 WOG 150 WSP, Stainless Ball & Stem, Threaded, 1/4” Thru 3”
8501E 600 WOG 150 WSP, Threaded With Exhaust Port, Latch Lock Handle, 1/4” Thru 2”
8501H 600 WOG, Threaded With Hose, Cap And Chain, 1/2” And 3/4”
8513 600 WOG 150 WSP, Stainless Ball & Stem, Solder, 3/8” Thru 3”
8501H 600 WOG, Solder With Hose, Cap And Chain, 1/2” And 3/4”
8501M 600 WOG 150 WSP, Threaded With Male Threaded End, 1/4” Thru 2”
BA-480B* 200 PSIG @ 250°F, Press X Press, ANSI/NSF 61-8, 1/2” Thru 3”
8511 600 WOG 150 WSP, Solder, 3/8” Thru 3”
BA-480S* 200 PSIG @ 250°F, Press X Press, ANSI/NSF 61-8, 1/2” Thru 3” with Stainless Steel Ball & Stem
BA-490B* 200 PSIG @ 250°F, Press X Threaded, ANSI/NSF 61-8, 1/2” Thru 2”
BA-490S* 200 PSIG @ 250°F, Press X Threaded, ANSI/NSF 61-8, 1/2” Thru 2” with Stainless Steel Ball & Stem
BA-481B 200 PSIG @ 250°F, Press X Press, Extension Stem with memory stop 1/2” Thru 3”
BA-491B* 200 PSIG @ 250°F, Press X Threaded, Extension Stem with memory stop, ANSI/NSF 61-8, 1/2” Thru 2”

Full Port
8301A 600 WOG 150 WSP, Threaded, 1/4” Thru 2”
8303A 600 WOG 150 WSP, Threaded, Stainless Steel Ball & Stem, 1/4” Thru 2”
8311A 600 WOG 150 WSP, Solder, 3/8” Thru 2”
8313A 600 WOG 150 WSP, Stainless Ball & Stem, Solder, 3/8” Thru 2”

3-PIECE BRONZE*

Full Port
8604 600 WOG 150 WSP, Threaded Ends, 1/4” Thru 2”
8603 600 WOG 150 WSP, Threaded Ends, Stainless Steel Ball & Stem, 1/4” Thru 2”
8614 600 WOG 150 WSP, Solder Ends, 3/8” Thru 2”
8613 600 WOG 150 WSP, Solder Ends, Stainless Steel Ball & Stem, 3/8” Thru 2”

* Available with THE INSULATOR/MS Handle 1/4” - 2”

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COMMERCIAL BALL VALVES

2-PIECE BALL FORGED BRASS

Standard Port

8201 400 WOG 150 WSP, Threaded, ANSI/NSF 61-8, 1/4” Thru 4”

8211 400 WOG 150 WSP, Solder, ANSI/NSF 61-8, 3/8” Thru 3”

Full Port**

8901 600 WOG, Threaded, CSA/AGA/UL/FM/CGA Approved, ANSI/NSF 61-8, 1/4” Thru 4” *

8911 600 WOG, Solder Heavy Pattern, ANSI/NSF 61-8, 1/2” Thru 4” *

2-PIECE BALL FORGED BRASS PRESS

Full Port

BA-480B 200 PSIG @ 250 Degrees, Press X Press, ANSI/NSF 61-8, 1/2” Thru 3”

BA-490B 200 PSIG @ 250 Degrees, Press X Threaded, ANSI/NSF 61-8, 1/2” Thru 2”

BA-480BH 200 PSIG @ 250 Degrees, Press X Hose, ANSI/NSF 61-8, 1/2” Thru 3/4”

BA-481B 200 PSIG @ 250 Degrees, Press X Press, Extension Stem 1/2” Thru 3”

2-PIECE CIRCULATOR-FLANGE

8100 Brass Body, Threaded Ends, Full Port, 100 SWP 600 WOG, Sold in Pkg of 2, 3/4” Thru 1 1/4”

8111 Brass Body, Sweat Ends, Full Port, 100 SWP 600 WOG, Sold in Pkg of 2, 3/4” Thru 1 1/4”

* Available with THE INSULATOR/MF Handle 1/4” -2”

** CSA/AGA/UL/FM/CGA approval up to 2”
INDUSTRIAL BALL VALVES

2-PIECE, THREADED
Standard Port

8433
Standard Port, 2000 WOG 1/4” Thru 1”, 1500 WOG 1-1/4” Thru 2”, Stainless Steel Body, Stainless Steel Ball & Stem, Threaded Ends, Actuator Mounting Pads 1/4” Thru 2”

8423
Standard Port, 2000 WOG 1/4” Thru 1”, 1500 WOG 1-1/4” Thru 2”, Carbon Steel Body, Stainless Steel Ball & Stem, Threaded Ends, Actuator Mounting Pads 1/4” Thru 2”

BA260
Full Port, 1000 WOG, Stainless Steel Body and Ball, RPTFE Seats, Locking Handle, Actuator Mounting Pads, 1/4” thru 3”

3-PIECE, FULL PORT

8633
1000 WOG, Stainless Steel Body, Stainless Steel Ball & Stem, PTFE V-Ring Packing, Threaded Ends, Actuator Mounting Pads 1/4” Thru 2”

8623
1000 WOG, Carbon Steel Body, Stainless Steel Ball & Stem, PTFE V-Ring Packing, Threaded Ends, Actuator Mounting Pads 1/4” Thru 2”

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2-PIECE BRONZE BALL VALVE

Standard Port
UP8501 **
600 WOG, MSS SP-110, Threaded, 1/4” Thru 3”
UP8503 **
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, Threaded, 1/4” Thru 3”
UP8501H **
600 WOG, Threaded with Hose, Cap and Chain 1/2” and 3/4”
UP8501 P2
MSS SP-110, 200 PSIG @ 250°F, Press X Press, 1/2” Thru 2”
UP8503 P2
MSS-SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Press, 1/2” Thru 2”
UP8511 **
600 WOG, MSS SP-110, Solder, 3/8” Thru 2”
UP8513 **
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, Solder, 3/8” Thru 2”
UP8513H **
600 WOG, Solder with Hose, Cap and Chain 1/2” Thru 3/4”

Full Port
UP8301A **
600 WOG, MSS SP-110, Threaded, 1/4” Thru 2”
UP8303A **
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, 1/4” Thru 2”
UP8501H P1
MSS SP-110, 200 PSIG @ 250°F, Press X Hose, 1/2” and 3/4”
UP8301A P2
MSS SP-110, 200 PSIG @ 250°F, Press X Press, 1/2” Thru 2”
UP8303A P2
MSS-SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Press, 1/2” Thru 2”
UP8311A **
600 WOG, MSS SP-110, Solder, 1/2” Thru 2”
UP8313A **
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, Solder, 1/2” Thru 2”

2-PIECE FORGED BRASS BALL VALVE

UP8901 **
600 WOG, MSS SP-110, UL/CSA Rated to 2”, Threaded, 1/4” Thru 3”
UP8911 **
600 WOG, MSS SP-110, Solder, 1/2” Thru 3”

Full Port
UPBA-480B
MSS SP-110, 200 PSIG @ 250°F, Press X Press, 1/2” Thru 4”
UPBA-480S
MSS SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Press, 1/2” Thru 4”
UPBA-480SH
MSS SP-110, 200 PSIG @ 250°F, Press X Hose, 1/2” and 3/4”
UPBA-481B
MSS SP-110, 200 PSIG @ 250°F, Press X Press, Extension stem with memory stop, 1/2” Thru 2”
UPBA-481S
MSS SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Press, Extension stem with memory stop, 1/2” Thru 2”

* Designed in accordance with the requirement of California AB 1953, Vermont S 152 and Senate law S53874.
** Available with THE INSULATOR/MS Handle 1/4”-2”

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2-PIECE FORGED BRASS BALL VALVE (continued)

UPBA-490B
MSS SP-110, 200 PSIG @ 250°F, Press X Threaded, 1/2” Thru 4”

UPBA-490S
MSS SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Threaded, 1/2” Thru 4”

UPBA-490SH
MSS SP-110, 200 PSIG @ 250°F, Press X Hose, 1/2” and 3/4”

UPBA-491B
MSS SP-110, 200 PSIG @ 250°F, Press X Threaded, Extension stem with memory stop, 1/2” Thru 2”

UPBA-491S
MSS SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Threaded, Extension stem with memory stop, 1/2” Thru 2”

3-PIECE FORGED BRONZE BALL VALVE

Full Port**

UP8603
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, Threaded, 1/4” Thru 3”

UP8603 P2
MSS-SP-110, 200 PSIG @ 250°F, Stainless Steel Ball and Stem, Press X Press, 1/2” Thru 2”

UP8604
600 WOG, MSS SP-110, Threaded, 1/4” Thru 3”

UP8604 P2
MSS SP-110, 200 PSIG @ 250°F, Press X Press, 1/2” Thru 2”

UP8613
600 WOG, MSS SP-110, Stainless Steel Ball & Stem, Solder, 3/8” Thru 2”

UP8614
600 WOG, MSS SP-110, Solder, 3/8” Thru 3”

BRONZE GATE VALVE

Non-Rising Stem, Threaded Bonnet

UP645**
Threaded, 300 WOG, MSS SP-80, 3/8” Thru 2”

UP645 P2
200 PSIG @ 250°F, Press Ends, MSS SP-80, 1/2” Thru 2”

UP647**
Solder, 300 WOG, MSS SP-80, 3/8” Thru 2”

Rising Stem, Threaded Bonnet

UP640**
Threaded, 300 WOG, MSS SP-80, 1/4” Thru 2”

UP640 P2
250 PSIG @ 250°F, Press Ends, MSS SP-80, 1/2” Thru 2”

UP635
Solder, 300 WOG, MSS SP-80, 1/2” Thru 2”

BRASS GATE VALVE

Non-Rising Stem, Threaded Bonnet

UP667
Threaded, 200 WOG, 1/4” Thru 2”

UP668
Solder, 200 WOG, 1/2” Thru 2”

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**FOR POTABLE WATER SERVICE**

**BRONZE GLOBE VALVE**

Threaded Bonnet, Bronze Disc

**UP440**
- Threaded, 300 WOG, MSS SP-80, 1/8” Thru 2”
- **UP440 P2**
- 200 PSIG @ 250°F, Press Ends, MSS SP-80, 1/2” Thru 2”
- **UP418**
- Solder, 300 WOG, MSS SP-80, 3/8” Thru 2”

**BRONZE CHECK VALVE**

Horizontal Swing Check

**UP904**
- Bronze Disc, Threaded Ends, 300 WOG, MSS SP-80, 3/8” Thru 2”
- **UP904 P2**
- 200 PSIG @ 250°F, Bronze Disc, Press Ends, MSS SP-80, 1/2” Thru 2”
- **UP912**
- Bronze Disc, Solder Ends, 300 WOG, MSS SP-80, 3/8” Thru 2”

Spring Load Lift Check

**UP943**
- PTFE Disc, Threaded Ends, 250 WOG, MSS SP-80, 3/8” Thru 2”
- **UP943 P2**
- 200 PSIG @ 250°F, PTFE Disc, Press Ends, MSS SP-80, 1/2” Thru 2”
- **UP947**
- PTFE Disc, Solder Ends, 250 WOG, MSS SP-80, 3/8” Thru 2”

**BRASS CHECK VALVE**

Swing Check

**UP967**
- Brass Disc, Threaded Ends, 200 WOG, 3/8” Thru 2”
- **UP968**
- Brass Disc, Solder Ends, 200 WOG, 3/8” Thru 2”
- **UP969**
- Brass Disc, Press x Press Ends, 200 PSIG@250°F, 1/2” Thru 2”

**BUTTERFLY**

6411-00/6411-01/6411-03
- Cast Iron Body, Aluminum Bronze Disc, EPDM Liner, Bi Directional Dead End Service to 200 PSI Max, 2” Thru 12”
- **6411-01/6411-03**
- Cast Iron Body, Lug, Aluminum Bronze Disc, EPDM Liner, Bi Directional Dead End Service to 200 PSI Max 2” Thru 12”, 14” Thru 24”

6211-03
- Cast Iron Body, Lug, Aluminum Bronze Disc, EPDM Liner, Bi Directional Dead End Service to 200 PSI Max, 2” Thru 12”, 150 PSI Max, 14” Thru 24”
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PLUMBING AND HEATING VALVES

GATE VALVES

606
125 WSP – 200 WOG (to 353°F)
Rating, Bronze Body, Threaded Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, Sizes 1/4” thru 3”

607
125 WSP – 200 WOG (to 353°F)
Rating, Bronze Body, Solder Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, Sizes 3/8” thru 3”

667*
200 WOG Rating, Forged Brass Body, Threaded Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, ANSI/NSF 61 ½” thru 2”, Sizes 1/4” thru 4”, International

668*
200 WOG Rating, Forged Brass Body, Solder Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, ANSI/NSF 61 ½” thru 2”, Sizes 3/8” thru 3”, International

668-20
200 WOG Rating, Drainable Brass Body, Solder Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, Sizes 1/2” thru 1”, International

567*
150 WOG Rating, Forged Brass Body, Threaded Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, ANSI/NSF 61 1/2” thru 2”, Sizes 1/4” thru 4”, International

568*
150 WOG Rating, Forged Brass Body, Solder Ends, Threaded Bonnet, Non-Rising Stem, Solid Wedge, Integral Seat, Iron Handwheel, ANSI/NSF 61 1/2” thru 2”, Sizes 1/2” thru 2”, International

*CAUTION
The 667, 668, 567 and 568 Gate Valves are NOT recommended for use in buried service where water or soil is aggressive. Such applications can cause a negative chemical reaction to the zinc content of these valves.

CHECK VALVES

967 Swing Check, 200 WOG Rating, Brass Body, Threaded Ends, Brass Disc, Sizes 1/2” thru 4”

968 Swing Check, 200 WOG Rating, Brass Body, Solder Ends, Brass Disc, Sizes 1/2” thru 2”

943 Spring Loaded Lift Check, 250 WOG Rating, Bronze Body, Threaded Ends, Buna Seat, Sizes 3/8” thru 2”

947 Spring Loaded Lift Check, 250 WOG Rating, Bronze Body, Solder Ends, Buna Seat, Sizes 3/8” thru 2”

WATER METER ANGLE

GLOBE VALVES

547 125 WOG Rating, Bronze Body with Drain, Flare Solder End, X Threaded End, Buna Disc, Sizes 3/4” x 3/4” – 1” x 1” – 3/4” x 1/2” – 1” x 3/4”

548 125 WOG Rating, Bronze Body, Flare Solder End X Threaded End, Buna Seat, Sizes 3/4” x 3/4” – 1” x 1” – 3/4” x 1/2” – 1” x 3/4”

FROST PROOF SILL COCKS

38 150 WWP, Chrome Plated Body, Male IPS X Hose End, 1/2” Combination Sweat & IPS, Large Plastic Handle, Buna-N Seat, Sizes 4” thru 14”

58 150 WWP, Anti-Siphon Vacuum Breaker, Chrome Plated Body, Combination Sweat & Hose End, Large Plastic Handle, Buna-N Seat, Male IPS x Hose End Sizes 6” thru 14”

INTERNATIONAL STOP

VALVES


446 150 WWP, Brass Body, Solder Ends, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2” & 3/4”

545 150 WWP, Drainable Brass Body, Threaded Ends, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2” & 3/4”

546 150 WWP, Drainable Brass Body, Solder Ends, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2” & 1”

549 150 WWP, Drainable Brass Body, Compression Ends, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2” & 3/4”
INTERNATIONAL HOSE END VALVES

710
150 WWP, Brass Body, Male IPS X Hose End (1/2" Combination Threaded & Solder End), Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2" & 3/4"

712
150 WWP, Brass Body, Female IPS X Hose End, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2" & 3/4"

713
150 WWP, Brass Body, Solder X Hose End, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Size 3/4"

1032
150 WWP, Brass Body, Female IPS X Hose End, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2" & 3/4"

1034
150 WWP, Brass Body, Solder End X Hose End, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Size 3/4"

1035
150 WWP, Bent Nose Brass Body, Female IPS X Hose End, Iron Handwheel, Large Water Ways, Adjustable Packing Nut, Buna-N Seat, Sizes 1/2" & 3/4"

2002
150 WWP, Brass Body, Male IPS X Hose End (1/2" Combination Threaded & Solder End), Large Water Ways, Adjustable Packing Nut, T-Handle, Buna-N Seat, Sizes 1/2" & 3/4"

2004
150 WWP, NO-KINK Brass Body, Male IPS X Hose End, Large Water Ways, Adjustable Packing Nut, T-Handle, Buna-N Seat, Sizes 1/2" & 3/4"

2005
150 WWP, NO-KINK Brass Body, Female IPS X Hose End, Large Water Ways, Buna-N Seat, Sizes 1/2" & 3/4"

2006
150 WWP, SAMPLING VALVE, Brass Body, Male IPS (1/2" Combination Threaded & Solder End), Large Water Ways, Adjustable Packing Nut, T-Handle, Buna-N Seat, Sizes 1/2" & 3/4"

2007
150 WWP, Ball Valve, Brass Body, Male IPS X Hose End (1/2" Combination Threaded & Solder End), Large Water Ways, Adjustable Packing Nut, T-Handle, Teflon Seat, Sizes 1/2" & 3/4"
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BALANCE/CIRCULATOR VALVES & ELBOWS

8211-15
150 WSP – 400 WOG Rating, SLOTTED STEM, 2 Piece Brass Body, Solder Ends, Blow-out Proof Stem, PTFE Seats & Packing, Chrome Plated Ball, Sizes 1/2” thru 1”

8201-15
150 WSP – 400 WOG Rating, SLOTTED STEM, 2 Piece Brass Body, Threaded Ends, Blow-out Proof Stem, PTFE Seats & Packing, Chrome Plated Ball, Sizes 1/2” thru 1”

201
60 psi Hot Water Rating, Bronze Body, Solder End X Male Union, Blow-out Proof Stem, PTFE Seats, Solid Chrome Plated Ball, Heat Resistant Handle, Sizes 1/2” & 3/4”

300
Brass Body, Female IPS X Male IPS Union End, Sizes 1/2” thru 1-1/4”

302
Brass Body, Female Solder X Male IPS Union End, Sizes 1/2” & 3/4”
**HP Series High Performance Butterfly**

Double offset valve designed to MSS SP-68, ASME B16.34, and API 609, Category B. Available in lug or wafer body, ANSI Class 150 in sizes 2-1/2” – 24” and ANSI Class 300 in sizes 2-1/2” – 16”

- **Body:** A216 WCB carbon steel or ASTM A351 CF8M stainless steel
- **Disc:** ASTM A351 CF8M stainless steel
- **Stem:** 17-4PH stainless steel or 316
- **Seats:** RTFE standard, Virgin PTFE, UHMWPE and others optional

These valves feature a double offset seat and disc design for superior sealing with no leakage and minimal seat contact and wear. The valves are available with on-board actuation direct from the factory, 10 position locking lever handles (up to 8 inch), gear operators on all valves, for other actuation options or accessories, consult the factory.

**6000 Series – Industrial Butterfly**

Concentric valve to MSS SP-67, Available in lug or wafer body, 2” – 48” 2”-12” rated at 200 WOG, 14”-48” rated at 150 WOG

- **Body:** Cast iron ASTM A126 Class B or Ductile iron ASTM A536 65-45-12
- **Disc:** Ni plated DI, AlBr, or stainless steel, nylon and epoxy coated optional
- **Stem:** 416 or 316 stainless steel
- **Liner:** EPDM, Buna, FDA Neoprene, PTFE, Hypalon, and many others optional

These valves feature a phenolic backed rubber seat with optimized disc and stem design for reliable sealing, low torque, and long life. Lug butterfly valves 2” through 12” are bi-directional dead end service to 200 psi max. BUNA and EPDM only. All others 200 psi. uni-directional field repairable. Valves 14” through 24” rated for uni-directional dead end service to 150 psig. The valves are available with on-board actuation direct from the factory, 10 position locking lever handles (up to 12 inch), gear operators, or other options – consult the factory.

*Available in Low Lead 6411-00/6411-01/6411-03

**5000 Series – Commercial Butterfly**

Concentric valve to MSS SP-67, Available in lug or wafer body, 2” – 24” 2”-12” rated at 200 WOG, 14”-24” rated at 150 WOG

- **Body:** Cast iron ASTM A126 Class B
- **Disc:** AlBr
- **Stem:** 416 stainless steel
- **Liner:** EPDM

These valves are based on our 6000 Series, but intended for commercial application in HVAC and similar systems. The valves feature a phenolic backed rubber seat with optimized disc and stem design for reliable sealing, low torque, and long life. Lug butterfly valves 2” through 12” are bi-directional dead end service to 200 psi max. Valves 14” through 24” rated for uni-directional dead end service to 150 psig. The valves are available with on-board actuation direct from the factory, 10 position locking lever handles (up to 12 inch), gear operators, or other options – consult the factory.
H Series – High-Pressure Industrial Butterfly
Concentric valve to MSS SP-67, Available in lug or wafer body, 2” - 24” 2”-12” rated at 250 WOG, 14”-24” rated at 200 WOG
Body: Cast iron ASTM A126 Class B or Ductile iron ASTM A536 65-45-12
Disc: Ni Plated DI, AlBr, or stainless steel, nylon and epoxy coated optional
Stem: 416 or 316 Stainless steel
Liner: EPDM, Buna, Viton-GFLT, FDA Neoprene, PTFE, Hypalon, and many others optional
The H Series is tested and rated for higher-pressure services. These valves feature a phenolic backed rubber seat with optimized disc and stem design for reliable sealing, low torque, and long life. Valves are dead end rated in the primary direction to 150 psig, and in the reverse direction to 100 psig (through 12”). Valves 14” through 24” rated for uni-directional dead end service to 150 psig. The valves are available with on-board actuation direct from the factory, 10 position locking lever handles (up to 12 inch), gear operators or other options – consult the factory.

PNEUMATIC ACTUATION

2-Piece Ball Valves
Available on threaded-end and socket-weld-end valves
Available on bronze, carbon-steel and stainless-steel valves
Available on 1/2” to 2” valves

Actuation Options
Double-Acting Actuators
Spring-Return Actuators
Solenoid Valves
Actuator Brackets
Limit Switches
Valve Positioners

Butterfly Valves
Available on HP Series High Performance Butterfly
Available in wafer and lugged patterns
Available on Class 150 2 1/2” - 24”, Class 300 2 1/2” - 16”
Available on rubber-seated valves
Available on wafer and lugged patterns
Available on 2” to 48” valves

Actuation Options
Double-Acting Actuators
Spring-Return Actuators
Solenoid Valves
Actuator Brackets
Limit Switches
Valve Positioners

ELECTRIC ACTUATION

2-Piece Ball Valves
Available on threaded-end and socket-weld-end valves
Available on bronze, carbon-steel and stainless-steel valves
Available on 1/2” to 2” valves

Actuation Options
120 Volt AC and DC Voltages
NEMA 4 and 7 Housings
4-20 maDC Valve Positioners
Actuator Brackets
Extra Limit Switches
Reversing Actuators

Butterfly Valves
Available on HP Series High Performance Butterfly
Available in wafer and lugged patterns
Available on Class 150 2 1/2” - 24”, Class 300 2 1/2” - 16”
Available on rubber-seated valves
Available on wafer and lugged patterns
Available on 2” to 48” valves

Actuation Options
120 Volt AC and DC Voltages
NEMA 4 and 7 Housings
4-20 maDC Valve Positioners
Actuator Brackets
Extra Limit Switches
Reversing Actuators

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# Cast Steel Valves

## Cast Steel Gate

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Specification Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1550CB2</td>
<td>150 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 30”</td>
</tr>
<tr>
<td>1552CB2</td>
<td>150 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 24”</td>
</tr>
<tr>
<td>3050CB2</td>
<td>300 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 24”</td>
</tr>
<tr>
<td>3052CB2</td>
<td>300 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 24”</td>
</tr>
<tr>
<td>6050CB2</td>
<td>600 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>6053CB2</td>
<td>600 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
</tbody>
</table>

## Cast Steel Globe

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Specification Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1560CB2</td>
<td>150 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
<tr>
<td>1562CB2</td>
<td>150 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
<tr>
<td>3060CB2</td>
<td>300 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
<tr>
<td>3062CB2</td>
<td>300 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
<tr>
<td>6060CB2</td>
<td>600 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
<tr>
<td>6063CB2</td>
<td>600 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 8”</td>
</tr>
</tbody>
</table>

## Cast Steel Check Valve

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Specification Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1570CB2</td>
<td>150 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>1572CB2</td>
<td>150 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>3070CB2</td>
<td>300 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>3072CB2</td>
<td>300 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>6070CB2</td>
<td>600 Flanged</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
<tr>
<td>6073CB2</td>
<td>600 Butt weld</td>
<td>API 600, ASME B16.34 Design, API 598 Tested, 2” Thru 12”</td>
</tr>
</tbody>
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Products Available From Hammond Valve

- CS/SS High Performance Butterfly Valves
- Iron Lug-Body and Wafer-Body Butterfly Valves
- Actuation and Controls
- Cast Steel Gate, Globe and Check Valves
- Iron Gate, Globe, Check and Clip Gate Valves
- Silent Check Valves
- 2-Piece Commercial Ball Valves
- 3-Piece Commercial Ball Valves
- Bronze Gate, Globe, Angle, Check and Specialty Valves
- Plumbing and Heating Valves
- UltraPure® - (Low Lead Valves)
- UltraPress® - (Press Valves)