**SPECIFICATIONS**

**PSI/Temperature Rating:**
- 1/2"–1-1/2": 600 WOG 400 PSI / 250º F
- 1-1/2"–3": 400 WOG 275 PSI / 250º F

**Body Material:**
- 1/2"–1-1/2": Forged Brass ASTM B283-06
- 1-1/2"–3": Cast brass

**End Connections:**
- Brass – NPT, Sweat, QuickPress1, Grooved2

**Ball Valve Seals:**
- Teflon

**Union Seal:**
- EPDM O-Ring

**Body Tappings3:**
- (3) Bosses for CPTAs and Drain Valve

**Ball Valve:**
- Nickel-plated brass ball
  - Optional: Stainless Steel ball

**Field Repairable Stem:**
- Dual Teflon seals and EPDM O-ring

**Strainer:**
- 20 mesh stainless steel (optional 50 mesh)

**Options:**
- Combination P/T Test Valve and Manual Air Vent (CPTA), Drain Valve, or 1/2" Bypass4, Extension Option

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**DIMENSIONS & WEIGHTS (NOMINAL)**

All dimensions are for planning purposes only and may change without notice.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A - FIXED END CONNECTION</th>
<th>UNION END CONNECTION3</th>
<th>B</th>
<th>C</th>
<th>D6</th>
<th>Cv2</th>
<th>WEIGHT (LBS.)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>FNPT</td>
<td>FNPT</td>
<td>MNPT</td>
<td>SWT</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>3.8</td>
<td>1/2&quot;:1.0</td>
<td>3/4&quot;:N/A3</td>
<td>1/2&quot;:1.0</td>
<td>3/4&quot;:1.2</td>
<td>3/8&quot;:1/2&quot;:0.8</td>
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<tr>
<td>3/4&quot;</td>
<td>3.9</td>
<td>4.0</td>
<td>1&quot;</td>
<td>2.2:3/4&quot;:1.0</td>
<td>1&quot;:1.4</td>
<td>3/8&quot;:3/4&quot;:1.0</td>
<td>1&quot;:1.3</td>
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<tr>
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<td>5.6</td>
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<td>1&quot;,1-1/4&quot;:1/2&quot;:1.7</td>
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<td>2&quot;:2.5</td>
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<td>2&quot;:2.5</td>
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<tr>
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<td>2&quot;:2.5</td>
<td>2&quot;:2.5</td>
<td>2&quot;:2.5</td>
</tr>
</tbody>
</table>

For QuickPress connections add 3.1" (1/2") 3.6" (3/4", 3/4"L), 4.1" (1") to the FNPT length (A) listed for a valve.

**NOTES**

1 QuickPress is available on ½" to 1" valves only. Connections are compatible with popular press tools and are rated for maximum 200 PSI.

2 Grooved End connection is available on 2-1/2" and 3" valves only.

3 Body Tappings for accessories are a leak proof metal to metal seal and do not require pipe dope or tape. Tape or dope should not be used.

4 Bypass is only available on 1/2" to 1-1/2" valves.

5 For overall length, add union end connection length to body length.

6 Space Saver handle standard on 1/2"-3/4" valves. Standard handle on 1" to 3" valves and 1-1/2" extended handle in 1/2" to 3" is compatible with 1-1/2" insulation. Largest extended handle is compatible with 2" insulation.

7 Cv’s are based on a clean 20 mesh stainless steel strainer. When a 50 mesh screen is used, multiply PSID by 1.3.

8 Tailpiece is not available for this size. Male tailpiece used with coupling.

9 1-1/4"–1-1/2" valves can also take 1/2"–3/4" MNPT tailpieces.

10 2-1/2" and 3" Valves are fixed end by fixed end connection. Union connection is not available.

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1700 Barranca Parkway, Irvine, CA 92606
(949) 559-6000 Fax (949) 559-6088
www.GriswoldControls.com
**MODEL NUMBER SELECTION**

Select a Housing Size (0=1/2"-3/4", 1=3/4"L-1", 2=1-1/4"-1-1/2", 3=1-1/2"L-2", 4=2"L-3")

Select an Accessory Package
(B=CPTA & Drain Valve (20 mesh),
C=CPTA, Drain Valve & Bypass (20 mesh)
D=2) CPTA & Drain Valve(20 mesh),
E=Bypass Plug (20 mesh), G=CPTA & Drain Valve (50 mesh)
H= CPTA, Drain Valve & Bypass (50 mesh))

Select a Ball and Stem Package (P=Plated Ball, S=SS Ball and Stem)

Extension Option (0=No, 1=1-1/2", 2=2")

<table>
<thead>
<tr>
<th>FIXED END OR UNION END</th>
<th>UNION END ONLY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valve</td>
<td>Female Threaded</td>
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<tr>
<td>ISO1</td>
<td>1/2&quot;=E, 3/4&quot;=F, 1&quot;=G</td>
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<td>ISO4 (Union)</td>
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<td>ISO4 (Fixed End)</td>
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</tbody>
</table>

**NOTES**

11 Model no. and flow rate are indicated on label affixed to body.
12 C option with bypass is only available for 1/2" to 1-1/2" size.
13 Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" insulation.
14 Select the Fixed End First and the Union End Second. For 2-1/2" and 3" size select a 2" fixed end instead of a union end.
15 Tailpiece is not available for this size. Male tailpiece used with coupling.
16 Fixed end not available for this size. Union tailpiece only.
17 For Grooved End option use MG=2-1/2" and NG=3".

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