104R Ball Valve

1-Piece Reduced Port

For Manual Service
- General
- Industrial
- Other Corrosion Resistant Applications

Standard Features and Benefits
- **Economical 1-Piece Design**
- **Male x Female Connections**
  The 104R has been designed with opposing male x female NPT connections in a number of size combinations to eliminate the need for pipe nipples. This decreases the number of potential leak paths and reduces overall length
- **Blow-Out-Proof Stem**
- **Made of Corrosion-Resistant 316 SS (A 351Gr. CF8M)**
  One valve can be used for many service conditions
- **Investment Cast**
  High quality investment castings improve dimensional control and reduce porosity

Options
- Certified material test reports are available upon request

Operating Conditions
- Temperature range (PTFE): -20°F ~ 450°F
- Maximum pressure (PTFE): 800 PSI CWP (1/4” ~ 1/2”)

Specifications
- All valves designed and pressure tested in accordance with ANSI/ASME B16.34, API 598, and MSS-SP-110
- All materials comply with applicable ASTM material specifications
104R Ordering Information

Example: 1/4" MNPT X 1/4" FNPT Ball Valve with Lever Handle, 316SS Body and Trim, PTFE Seats and Seals, NPT Ends

<table>
<thead>
<tr>
<th>Valve Series</th>
<th>Valve Size (C x C)</th>
<th>Body Material</th>
<th>End Material</th>
<th>Ball Material</th>
<th>Stem Material</th>
<th>Seat</th>
<th>Seal</th>
<th>End Connections</th>
<th>Port</th>
<th>Ball Config.</th>
</tr>
</thead>
<tbody>
<tr>
<td>104R Reduced Port</td>
<td>1/4&quot; x 1/4”</td>
<td>A351 Gr. CF8M (316)</td>
<td>6 - A351 Gr. CF8M (316)</td>
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<td>T - PTFE</td>
<td>T - PTFE</td>
<td>MT - MNPT x FNPT</td>
<td>2 - 2 Way</td>
<td>S - Straight Port</td>
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Due to continuous product development, information may change without notice.

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