GT Series 90° Angle Valves

Soft seat
6,000 psi

Overview

The GT Series 90° Angle Valves series are machined from either bar stock or forged materials and supplied in 316 stainless steel and carbon steel with nickel zinc plate. Our 90° Valves are available in 1/2" Npt and 1/4" NPT with male-female threaded connections. These soft seat valves are designed with a Delrin® seat to ensure a tight shut off, even in abrasive process conditions.

Features

- Delrin® soft seat standard.
- The stem threads are rolled and lubricated to prevent galling and reduce operating torque.
- All bonnets are assembled with a locking pin to prevent accidental removal while in service.
- Teflon® packing can be adjusted to increase valve life.
- Stem packing below the threads prevents lubricant washout and ensures no process contamination.
- The valves feature safety back seating to ensure a secondary stem seal.
- Dust caps are fitted to contain stem lubricant and prevent the ingress of contaminants.
- All valves are hydrostatically tested to 1.5 times maximum working pressure prior to shipment.
- The valves are Mill Test Traceable.
- 316SS material traceable to NACE MR0175

How to order

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Connections</th>
<th>Material</th>
<th>Orifice Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTMNVFFCS90</td>
<td>1/4” FNPT</td>
<td>1/4” FNPT</td>
<td>A108 carbon steel</td>
</tr>
<tr>
<td>GTFAMFSSD</td>
<td>1/2” MNPT</td>
<td>1/2” FNPT</td>
<td>316SS</td>
</tr>
</tbody>
</table>
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Dimensions
(Drawings are not to scale. Dimensions in millimeters.)

Flow Characteristics
(GTFAMFSSD)

Pressure vs Temperature
(GTFAMFSSD)

NOTE:
See page 13 for GTMNVFFCS90 Flow Characteristics and Pressure vs Temperature charts