**Double Block & Bleed Valve**

Hard seat, 316SS, 1/2” NPT

10,000 psi

### Overview

Gaugetech® Double Block & Bleed Valves are supplied in 316L stainless steel.

GTHDBB series valves are produced with a 1/2” MNPT process connection and with female 1/2” NPT instrument connection.

GTHDBB series valves are designed with a metal seat for severe working conditions.

All double block & bleed valves come standard with a 1/4” NPT side drain port.

### Features

- Non-rotating stem plug moves axially into and out of the seat without rotation to eliminate seat galling.
- The stem threads are rolled and lubricated to prevent galling and reduce operating torque.
- Valves are assembled with standard t-bar handles.
- 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>Seat</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTHDBB12MFSS10</td>
<td>1/2” MNPT 1/2” FNPT</td>
<td>Hard</td>
<td>316SS</td>
</tr>
<tr>
<td>GTHDBB12FFSS10</td>
<td>1/2” FNPT 1/2” FNPT</td>
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Double Block & Bleed Valve
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Dimensions (Drawings are not to scale. Dimensions in millimeters.)

GTHDBB12FFSS10

HARD SEAT

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<th>Description</th>
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</tr>
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<tbody>
<tr>
<td>Body</td>
<td>S316</td>
</tr>
<tr>
<td>Bonnet</td>
<td>S316</td>
</tr>
<tr>
<td>Stem</td>
<td>S316</td>
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<tr>
<td>Adjuster</td>
<td>S316</td>
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<tr>
<td>Lock Nut</td>
<td>S316</td>
</tr>
<tr>
<td>Handle</td>
<td>S303</td>
</tr>
<tr>
<td>Fixing Screw</td>
<td>S302</td>
</tr>
<tr>
<td>Packing</td>
<td>Teflon®</td>
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<tr>
<td>Washer</td>
<td>S316</td>
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<tr>
<td>Pusher</td>
<td>S316</td>
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<tr>
<td>Dust cap</td>
<td>NBR</td>
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<td>Locking pin</td>
<td>S303</td>
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Description SS

Body S316
Bonnet S316
Stem S316
Adjuster S316
Lock Nut S316
Handle S303
Fixing Screw S302
Packing Teflon®
Washer S316
Pusher S316
Dust cap NBR
Locking pin S303

Pressure vs Temperature

Hard Seat

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