

Multi-Port Gauge Valve

With optional bleed valve

6,000 and 10,000 psi, 316SS and Carbon Steel, 1/2" and 3/4" NPT



► Overview

Gaugetech® multi-port gauge valves are supplied in 316L stainless steel and carbon steel with white zinc plate. GTMPGV series valves are produced with a 1/2" or 3/4" MNPT process connection with 3 female 1/2" NPT Ports. The GTMPGV series are designed with a metal seat for severe working conditions. All multi-port valves come standard with reduced necks. The optional GTBV12- 1/2" NPT bleed valve may be ordered as required.



► 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

AB CRN# OC08236.2
BC CRN# OC08236.21
SK CRN# OC08236.23

► How to order

| Part Number | Connections | | Seat | Material | Orifice Size (mm) |
|---------------------|-------------|-----------|------|-------------------|----------------------|
| | Inlet | Ports | | | |
| Gauge Valves | | | | | |
| GTMPGV12SH | 1/2" MNPT | 1/2" FNPT | Hard | 316SS | 5 |
| GTMPGV12SH10 | 1/2" MNPT | 1/2" FNPT | Hard | 316SS | 5 |
| GTMPGV12CH | 1/2" MNPT | 1/2" FNPT | Hard | A108 carbon steel | 5 |
| GTMPGV34SH | 3/4" MNPT | 1/2" FNPT | Hard | 316SS | 5 |
| GTMPGV34SH10 | 3/4" MNPT | 1/2" FNPT | Hard | 316SS | 5 |
| GTMPGV34SSD | 3/4" MNPT | 1/2" FNPT | Soft | 316SS | 6 |
| Bleed Valves | | | | | |
| GTBV12 | 1/2" MNPT | N/A | N/A | 316SS | |
| Hex Plug | | | | | |
| GTHP12 | 1/2" MNPT | N/A | N/A | 316SS | |

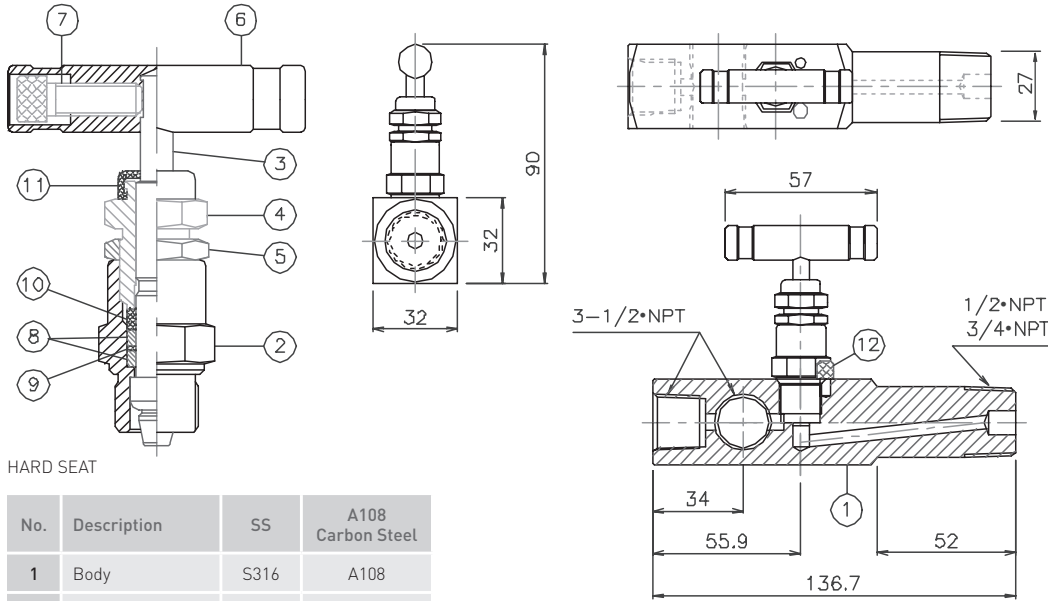
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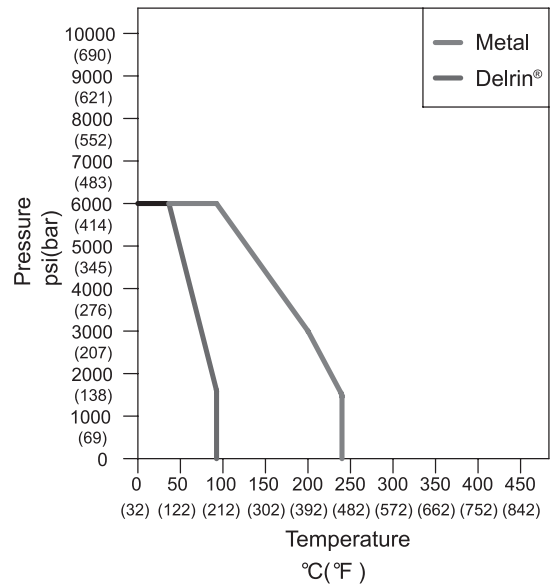
► Dimensions (Drawings are not to scale. Dimensions in millimeters.)



HARD SEAT

| No. | Description | SS | A108 Carbon Steel |
|-----|--------------|---------|-------------------|
| 1 | Body | S316 | A108 |
| 2 | Bonnet | S316 | A108 |
| 3 | Stem | S316 | S316 |
| 4 | Adjuster | S316 | A108 |
| 5 | Lock Nut | S316 | A108 |
| 6 | Handle | S303 | A108 |
| 7 | Fixing Screw | S302 | A108 |
| 8 | Packing | Teflon® | Teflon® |
| 9 | Washer | S316 | A108 |
| 10 | Pusher | S316 | A108 |
| 11 | Dustcap | NBR | NBR |
| 12 | Locking pin | S303 | A108 |

► Pressure vs Temperature



► Flow Characteristics

