



## INSTRUMENTATION VALVES

Blue Ribbon Corporation's High-quality instrumentation valves are designed for heavy-duty process control or other industrial applications that require high-pressure carbon steel or stainless steel shut-off valves.

Our valves are available hard seat (10,000 PSI) or soft seat (6,000 PSI), 1/4" or 1/2" NPT, straight or angle pattern, male x male, female x female, or male x female configurations to suit a variety of requirements.

| NVS Super Mini |      |    | NV (1/4" NPT) Mini |      |    | NV (1/2" NPT) & NVL (1/4" NPT) Full Size |      |    | HV Hex Body |      |    | GV Multi-Port |      |     |
|----------------|------|----|--------------------|------|----|--|------|----|-------------|------|----|---------------|------|-----|
|                |      |    |                    |      |    |  |      |    |             |      |    |               |      |     |
|                |      |    |                    |      |    |  |      |    |             |      |    |               |      |     |
|                | In.  | mm |                    | In.  | mm |  | In.  | mm |             | In.  | mm |               | In.  | mm  |
| A              | 1.02 | 26 | A                  | 1.81 | 46 | A  | 2.67 | 68 | A           | 3.65 | 93 | A             | 3.68 | 93  |
| B              | 0.32 | 8  | B                  | 0.50 | 13 | B  | 2.64 | 67 | B           | 3.23 | 82 | B             | 4.46 | 113 |
| C1             | 0.40 | 10 | C                  | 0.17 | 4  | C  | 1.12 | 29 | C           | 1.26 | 32 | C             | 1.26 | 32  |
| C2             | 0.20 | 6  | D                  | 0.44 | 11 | D  | 0.73 | 19 | D           | 1.65 | 42 | D             | 1.61 | 41  |
| D              | 0.46 | 12 | E                  | 0.34 | 9  | E  | 2.25 | 57 | E           | 0.75 | 19 | E             | 0.82 | 21  |
| E              | 0.75 | 19 | F                  | 0.75 | 19 |  |      |    | F           | 2.25 | 57 | F             | 2.25 | 57  |
| F              | 0.52 | 13 | G                  | 0.61 | 15 |  |      |    |             |      |    |               |      |     |
| G              | 1.31 | 33 | H                  | 1.04 | 26 |  |      |    |             |      |    |               |      |     |

**Part Number System:**

|   |  |
|---|--|
| <p><b>Valve Designation</b></p> <p>NVS = "Super Mini" Style<br/>           NV = Standard Size<br/>           NVL = Full Size Body 1/4" NPT<br/>           HV = Hex Body Valve<br/>           GV = Multi-Port Gauge Valve</p> <p><b>Body Material</b></p> <p>CS = Carbon Steel<br/>           SS = 316 Stainless Steel</p> <p><b>Connection Size</b></p> <p>1/4 = 1/4" NPT<br/>           3/8 = 3/8" NPT<br/>           1/2 = 1/2" NPT</p> | <p><b>Outlet Connection</b></p> <p>F = Female<br/>           M = Male</p> <p><b>Inlet Connection</b></p> <p>F = Female<br/>           M = Male</p> <p><b>Body Pattern</b></p> <p>180 = Straight Pattern<br/>           90 = Angle Pattern</p> <p><b>Seat / Pressure Rating</b></p> <p>GS = Gas Service / 6000 PSI<br/>           HS = Hydraulic Service / 1000 PSI</p> |
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