



Flow Coefficients Cv Values

The Flow Coefficiency (Cv) of a valve is the rate of gallons per minute of water at 60° F through a fully opened valve at a pressure drop of 1 PSI across the valve.

| Size | 150 | 300 | 600 | 900 | 1500 | 2500 |
|------|------|------|------|------|------|------|
| 2 | 42 | 42 | 42 | 45 | 38 | 25 |
| 2.5 | 67 | 67 | 67 | / | / | / |
| 3 | 100 | 100 | 100 | 90 | 95 | 65 |
| 4 | 185 | 185 | 185 | 170 | 170 | 1005 |
| 6 | 440 | 440 | 440 | 400 | 395 | 265 |
| 8 | 810 | 810 | 780 | 710 | 695 | 470 |
| 10 | 1260 | 1260 | 1200 | 1100 | 1085 | 750 |
| 12 | 1890 | 1890 | 1810 | 1620 | 1410 | 1100 |
| 14 | 2441 | 2141 | 1960 | | | |
| 16 | 3234 | 3234 | | | | |
| 18 | 4308 | 4183 | | | | |

SCV VALVE manufactures superior cast body, bolted bonnet globe valves in a variety of materials, trims, packing types, sizes (2" thru 18") and pressure classes (150 thru 2500). The mechanical characteristics (moveable disc and stationary seat ring) make the SCV globe valve ideal for repeatable pipeline unidirectional throttling applications and frequent operation.

Bolted Bonnet Globe Valve - API 623 & B16.34

- Basic Design: API 623 & ANSI/ASME B 16.34
- Wall Thickness: API 623 & ANSI/ASME B 16.34
- Face-to-Face Dimension: ANSI/ASME B16.10
- Flange End Dimension: ANSI/ASME B16.5
- Butt-Weld End Dimension: ANSI/ASME B16.25
- Inspection & Testing: API 598

