

Angle Globe Valve: Acts as an Elbow, Lower Pressure Drop

In an angle globe valve the inlet and outlet are at 90° to each other. The valve acts as an elbow and, because the flow changes direction only once, gives a lower pressure drop than a straight-pattern globe valve.

Technical specifications

Design	90° body; flat or plug disc
End connections	Flanged, butt-weld, socket-weld
Materials	WCB, WC6, CF8M; forged A105N, F316
Applications	Relief, blowdown and drain lines; lines with a change of direction

Key features

- Saves an elbow and a weld joint
- Lower pressure drop than a straight globe valve
- Flow direction suited to high differential pressure service