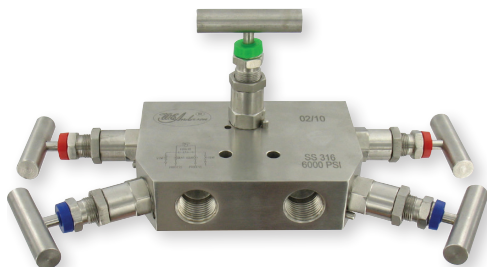
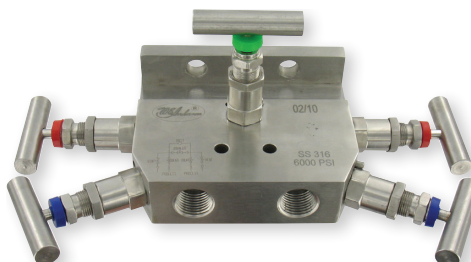


5-VALVE BLOCK AND BLEED MANIFOLD

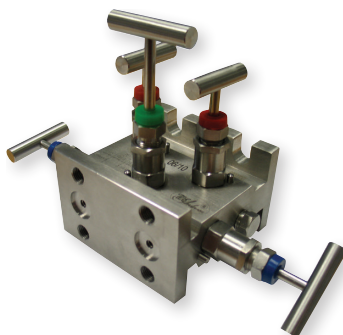
Stainless Steel Body, NPT Connections



BBV-21



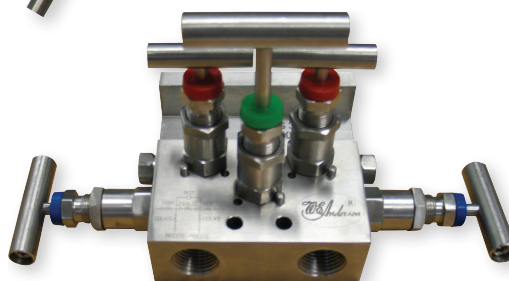
BBV-21F



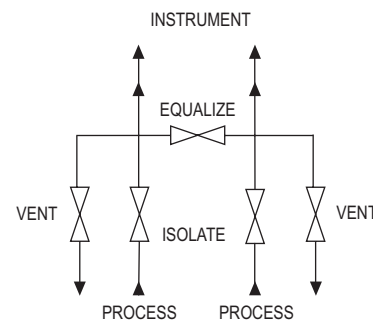
BBV-23F



BBV-22



BBV-22F



Flow Diagram

SERIES BBV-2 Block and Bleed Manifold is ideal for use over a broad range of industrial applications including oil refineries, nuclear power stations, petrochemical processing, and more. The Series BBV-2 body is forged from 316 stainless steel bar stock and designed to withstand repeated open and close operations. Suited to control oil, water, toxic fluids, chemicals, air, and steam; the 5-Valve Block and Bleed Manifold has (2) isolate, (1) equalizing, and (2) vent valves. Each valve stem is precision machined with hard seats to reduce operating torque. Flanged models are designed to mount to an industrial differential pressure transmitter. The BBV-21F and BBV-22F come with four 7/16-20 UNF mounting bolts and two PTFE gaskets. The BBV-23F comes with eight 7/16-20 UNF mounting bolts and two PTFE gaskets.

FEATURES/BENEFITS

- High pressure shut-off
- All stainless steel and PTFE wetted materials
- Precision machined hard seats to reduce operating torque

APPLICATIONS

- Industrial gage or transmitter isolation

SPECIFICATIONS

Service: Compatible liquids, gases, or steam.
End Connections: Process connection: No flange: 1/2" female NPT; Flange: DIN 19213 flange; Instrument connection: No flange: 1/2" female NPT; Flange: DIN 19213 flange; Vent/test: 1/4" female NPT.
Wetted Materials: Body, stem, valve assembly: 316 SS; Stem packing: PTFE.
Pressure Limit: 6000 psi (400 bar).
Temperature Limit: 464°F (240°C).
Other Materials: Handle: 304 SS.

MODEL CHART

Model	Description
BBV-21	5-valve manifold with side mounted vent valves
BBV-21F	Flanged 5-valve manifold with side mounted vent valves
BBV-22	5-valve manifold with top mounted vent valves
BBV-22F	Flanged 5-valve manifold with top mounted vent valves
BBV-23F	Double flanged 5-valve manifold with top mounted vent valves