

For Chlorine Service Three-Piece Ball Valves



This specification covers the design of three-piece ball valves used in chlorine service.

- Three-Piece ball valve shall be designed for chlorine service according to the latest edition *Chlorine Institute (Pamphlet 6) for piping systems for Dry Chlorine Service*.
- Valve shall be a three-piece design in reduced port design and with a selection of materials (Hastelloy, Monel and carbon steel) to meet specific concentrations of chlorine.
- End connection shall be NPT, Socket Weld, Butt Weld or flanged. Socket weld and butt weld valves shall have fully encapsulated body seal to facilitate inline welding without the need for disassembly.
- Weld-ends shall be “L” grade 316 stainless steel or carbon steel as required by the application.
- Stem seal shall be live-loaded using high-performance stainless steel disc springs (Belleville Washers). The design shall meet the testing criteria according to ISA-SP-93.
- Actuator attachment shall be by integral mounting surface as part of the valve center section to eliminate the use of pressure-containing body bolts for actuator mounting. Dimension and design as per ISO-5211.
- Manual lever-handle shall be stainless steel with vinyl grip.
- Product tagging shall be permanently affixed using spot welding, etching or riveting.
- Ball and stem shall be Hastelloy, Monel or combination to meet specific concentrations of chlorine.
- Valve shall provide equal-percentage flow characteristics when used in throttling control.
- Valve shall be designed, manufactured and tested to meet applicable industry standards; such as: ANSI, ASME, API, BPE, DIN, ISO (as required).
- Process-quality ball valves shall be SVF Series “C8” (standard port).



What do you need today?™

HIGH PURITY
CleanFLOW
www.CleanFLOW.net

PRO-SPEC
 PROCESS SPECIFIC
WWW.PRO-SPEC.NET

QUALITY FLOWS
 THROUGH US

Specifications subject to change. Visit www.SVF.net for the latest updates on this Specification Sheet. All Data posted on our website supersede all prior publications • [Document #BVS-C8-12.2010] • C8 Ball Valve Specifications - 12/27/2010

www.SVF.net

SVF Flow Controls, Inc. • 13560 Larwin Circle • Santa Fe Springs, CA 90670 • Tel: 1.800.783.7836 • FAX: 562.802.3114
 Sales@SVF.net • Visit our website: www.SVF.net • © SVF Flow Controls, Inc. • Specifications subject to change without notice