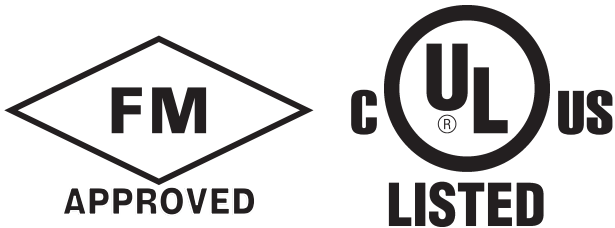


SPECIFICATIONS FOR SLO-CLOSE

ALL SLO-CLOSE BUTTERBALL® VALVES...

- provide slow opening and closing properties in a quarter-turn valve. The purpose is to eliminate hydraulic shock and water hammer in fire protection and other liquid systems.
- are available with or without an internal, pre-wired supervisory tamper switch assembly. When mounted on any slo-close valve and wired, the switches signal movement of the valve disc from the full open position.
- are available factory mounted to a valve or as a kit for field installation on previously installed valves.
- have switch ratings of:
 - 10 Amps/115 VAC-60 Hz
 - 0.5 Amps/28 VDC
- are equipped with tamper switch assemblies FOR INDOOR AND OUTDOOR USE.
- have UL/FM ratings to 175 psi. (Also available at 350 psi with N.Y.C.B.S.A. approval.)



For use with fire protection sprinkler systems 175psi.

Approved by the New York City Board of Stds. & Appeals under Calendar No. 996-81 -SM, for 175 psi and Calendar number 720-83-SA for 350 psi.

BUTTERBALL® SLO-CLOSE INSTALLATION (BB-SC)

- The BBSC can be installed in any orientation in a piping system using standard National Pipe Threads. Wrench should be used to hex on the end of valve being threaded to pipe. Pipe sealants should be used sparingly.
- The valves with internal switches can be easily wired in the field. They will have two switches, switch-1 will have dual leads on the terminals. This switch is to be connected to the **supervisory** circuit of a Listed alarm control panel. Switch-2 will have single leads and may be connected to **auxiliary** equipment per direction of the local authority having jurisdiction. Cap any unused wire leads with wire nuts and tuck into junction box. All connections shall be reviewed and approved by the local authority having jurisdiction.
- A 14 gage green wire has been fastened to the interior of the housing and is to be used as a housing ground.
- Recommended type of wire to be used is No.16 Dual Rated UL 300V 80 C and 300V 105 C.
- Installation must be in compliance with NFPA 72 and 13, or bonded and grounded per Canadian Electrical Code Part 1.
- The BB-SC, BBHSC (threaded-end) and BBVSC, BVHSC (grooved-end) valves are intended for use with schedule 40 and/or 80 pipe, sizes 1", 1-1/4", 1-1/2", 2" and 2-1/2" per ASME/ANSI B36.10.
- ALL REPLACEMENT PARTS MUST BE OBTAINED FROM THE MANUFACTURER TO ASSURE PROPER OPERATION OF THE VALVE, AND TO MAINTAIN APPROVAL OF THE DEVICE.

INSTALLATION FOR NEW YORK CITY VALVES

N.Y.C. special valves have a large flow indicator which points in the direction of the valve disc, indicating open or closed. The valve should be installed in a position where the indicator is readily visible.

MODEL	DESCRIPTION	DESCRIPTION	SIZES
BB-SC100	Valve Less Switch	175 psig - Threaded Ends	NYC BSA Approved
BB-SCS02	Valve With Switch		
BBVSC100	Valve Less Switch	175 psig - Grooved Ends	NYC BSA Approved
BBVSCS02	Valve With Switch		
BBHSC100	Valve Less Switch	350 psig - Threaded Ends	NYC BSA Approved
BBHSCS02	Valve With Switch		
BVHSC100	Valve Less Switch	350 psig - Grooved Ends	NYC BSA Approved
BVHSCS02	Valve With Switch		

The information presented on this sheet is correct at time of publication. Milwaukee Valve reserves the right to change design and/or materials without notice. For our Installation, Operation and Maintenance Manual and the most current product information go to www.milwaukeevalve.com.
 ⚠ State of California Prop 65 **WARNING:** Cancer and Reproductive Harm. For more information visit www.p65warnings.ca.gov.

