

SPECIFICATIONS

Description: 2-way stainless steel full port ball valve
with electric actuator

Features: Water hammer free design.
Opens & closes at same speed
Low noise during operation

Materials: Stainless steel body with EPDM seals.
NSF61-G listed

Electrical Connection: 1/2" 3-wire cable

Ambient Temperature: Maximum 122° F

Media Temperature: Maximum 284° F

Pressure Range: 1.5 -145 PSI

Operating Voltages: 120V Standard.

Protection Class: IP 65 PPO Housing



CARLON METER, INC. • PRODUCT WARRANTY

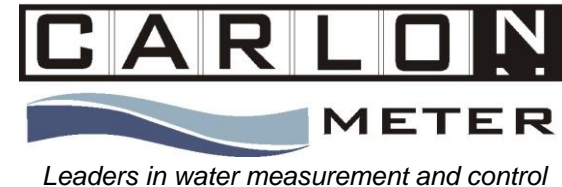
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*For complete specifications, visit our website www.carlonmeter.com

Installation and Operating Instructions

Model SCBV Slow Closing Ball Valve



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Installation Instructions for Carlon Slow Closing Ball Valves

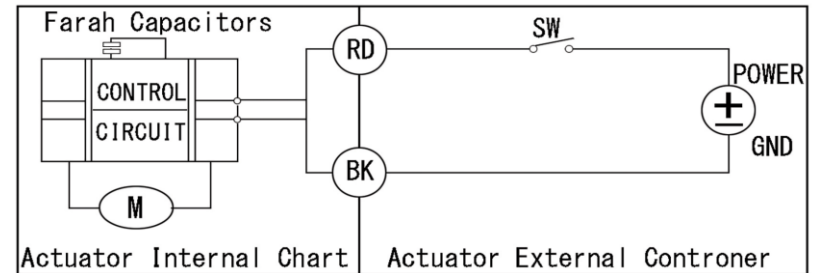
1. Flush the line thoroughly after plumbing changes to eliminate the possibility of foreign materials reaching the valve.
2. Do not exceed operating pressure of 145 psi.
3. Valve may be installed in any position, however ideal installation will be with the actuator facing up.
4. It is recommended that if there is any possibility that the water supply contains foreign materials, a strainer should be installed upstream of the valve.
5. Seal the threaded pipe to be connected to the valve with a pipe sealing "Teflon" type tape - **Do not use pipe dope**
6. When screwing the valve to the pipe, be sure to affix wrench at the base of the valve and never on the valve housing or any portion of the valve housing - **Do not use a wrench on the actuator to turn the valve**

Basic Troubleshooting

If the valve fails to perform, please check the following:

1. Check the voltage to ensure compatibility between power source and valve specification.
2. Check the pressure. Do not exceed 145 psi.
3. Check line for debris. If a strainer has been installed as directed, be sure to clean the screen.

Slow Closing Ball Valve Wiring Schematic



Note: Charge the microfared capacitor before use

3/4" & 1" valves: 15 seconds charge time

1 1/2" & 2" valves: 40 seconds charge time