



VALVE CLOSING SPEED CONTROL DEVICE

Model 01-CSCD

The BERMAD Closing Speed Control Device (CSCD) is a valve control accessory, typically installed in the valve control trim and used to adjust the closing speed of BERMAD valves. The CSCD controls the Main Valve Closing Speed by enabling the adjustment and setting of the water flow rate that is introduced to the BERMAD valve's control chamber upon a closing command. This allows the operator to either decrease or increase the closing speed of the BERMAD main valve. Often used for the prevention of pressure surges caused by the quick opening reaction of fire protection valves.



SS 316

Typical Applications

- Surge prevention
- Deluge systems

Technical Data

Pressure Rating: 365 psi

Water Temperature Range: 180 °F

Flow Factor:

Ports inlet to outlet: Cv 0.06min to 0.98max

Ports: NPT 1/2"

Standard Materials:

Body: St. St. 316

Cover: Polycarbonate

Pilot Body: St. St. 316

Elastomers: NBR

Internal Parts: St. St. 316

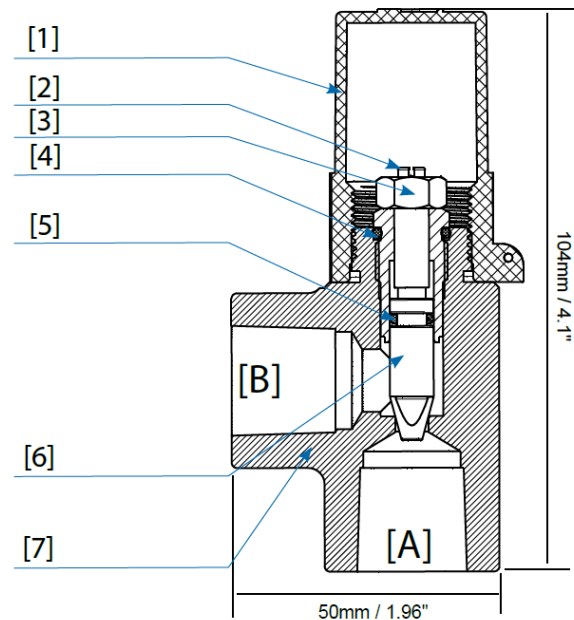
Optional Materials:

Body: Nickel Aluminum Bronze, Duplex, Hastelloy, Titanium

Cover: Polycarbonate

Elastomers: NBR

Internal Parts: Nickel Aluminum Bronze, Duplex, Hastelloy, Titanium



Port	Size	Connections
A	1/2" NPT	Inlet
B	1/2" NPT	Outlet

Part	Description
1	Cover
2	Adjusting screw
3	Locking nut
4 & 5	O ring
6	Stem
7	Body

Operation

Open the protective cap (1) and loosen the locking nut (3). Turning the adjusting screw (2) clockwise decreases the flow, lengthening the main valve closing time. Turning the adjusting screw counter-clockwise increases the flow, shortening the closing time of the main valve.

When the desired flow rate has been established, re-tighten the locking nut and replace the tamper proof protective cap.

Any adjustment of the CSCD shall be performed by a professionally qualified engineer or technician.

Flow Coefficient (Kv) Vs. Opening Turns:

