

Technical data:

Maximum working temperature: 250 °F
 Minimum working temperature: 14 °F
 Maximum working pressure: 300 psi (FNPT)
 200 psi (SWT)

Materials:

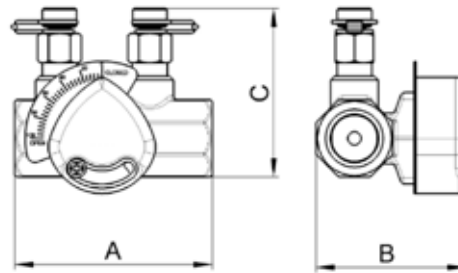
Body: Lead Free C46500 Brass*
 Handle: Nylon
 Ball: Chrome-plated brass
 Seat: PTFE

Description:

The regulating valve is a flow balancing valve. The regulation valve permits a rapid, accurate balancing of the system. This valve allows a "positive shut-off" this is for isolation and servicing of the system. The memory stop allows complete shut-off and return to the "set position" without readjustment for balancing. The flow-meter can be connected to the pressure test points. This will confirm if the valve is working within the control range. The pump setting can be optimised by measuring the differential pressure.

* Conforms to: AB1953; Vermont S152; Maryland House Bill 372 (Statute 12-605) NSF/ANSI-372

Dimensions:



Size	Connection Style	A (in.)	B (in.)	C (in.)	Weight (lbs.)
1/2"	FNPT	2-15/16	2-3/16	2-3/4	1.25
3/4"		3-1/16	2-3/8	2-15/16	1.5
1"		3-13/16	2-11/16	3-3/16	2
1 1/4"		4-3/8	3-9/32	3-1/2	3.25
1 1/2"		4-7/16	3-15/32	3-13/16	3.75
2"		5-1/8	4-1/32	4-1/4	5.5
1/2"	SWT	2-15/16	2-1/8	2-9/16	1
3/4"		3-1/2	2-1/4	2-3/4	1.25
1"		4-9/32	2-3/8	3-11/32	2
1 1/4"		4-29/32	3-3/16	3-3/8	3
1 1/2"		5-7/32	3-9/32	4	3.5
2"		6-5/16	3-29/32	4-15/32	5.5

Operation:

Setting of the flow rate
 The maximum flow rate can be set with the handwheel.

Setting the memory stop

Once the valve is set, loosen the memory stop locking screw. Slide the memory stop locking screw counter-clockwise in the slot until it stops. Tighten the memory stop screw.

Bleeding the system

Before initial operation, the system must be filled and bled with due consideration of the permissible operating pressures.

Maintenance:

The regulation valve is maintenance-free. Tightness and function of the regulation valve and its connection points have to be checked regularly during system maintenance. The valve must be easily accessible.

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