

Job Name: _____

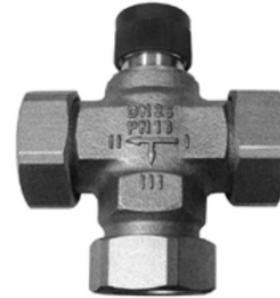
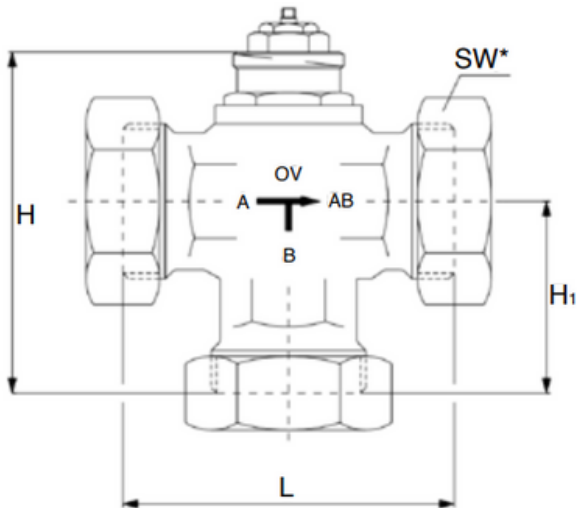
Submitted by: _____ Date: _____

Spec Section: _____

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Engineer/Architect: _____

Approval: _____ Date: _____


Product Description:

Oventrop three-way mixing valves have two inlet ports and one outlet port. Pressure waves are not produced during changeover, and the volume of flow remains constant.

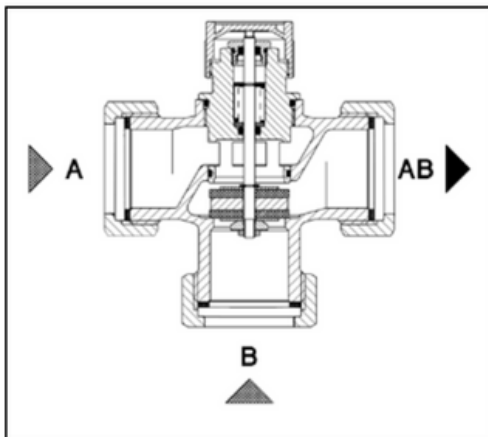
Valve body made of corrosion-resistant bronze, inner parts made of brass and stainless steel, EPDM washers.

Actuator connection thread M 30 x 1.5
 Maximum working temperature 248 °F
 (for short periods temperatures up to 284 °F)
 Maximum working pressure 145 psi

Dimension in Inches

Size	L	H	H ₁	SW*
3/4"	3.14	3.46	1.85	1.45
1"	3.54	3.58	1.96	1.81
1 1/2"	4.52	4.17	2.51	2.59

SW* = Spanner size



Cut Illustration

Mode of operation on actuator close	
Three-way mixing valve	Input switches from port B to port A

Models:

3/4" diverting valve	113 02 06
1" diverting valve	113 02 08
1 1/2" diverting valve	113 02 12

Tailpiece sets for diverting valves:

3/4" set of three, solder connection for 3/4" valve	198 76 72
1" set of three, solder connection for 1" valve	198 76 73
1 1/4" set of three, solder connection for 1 1/2" valve	113 01 96
1 1/2" set of three, solder connection for 1 1/2" valve	198 76 75
3/4" set of three, NPT connection for 3/4" valve	170 60 06
1" set of three, NPT connection for 1" valve	170 60 08
1 1/4" set of three, NPT connection for 1 1/2" valve	170 60 10
1 1/2" set of three, NPT connection for 1 1/2" valve	170 60 12

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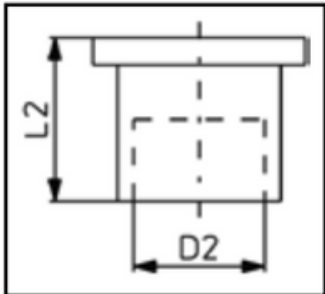
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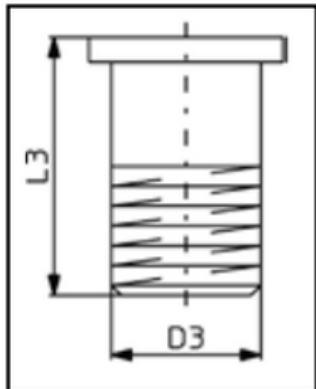
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Size	L2	D2
3/4"	0.90	0.875
1"	1.18	1.125
1 1/4"	1.57	1.375
1 1/2"	1.26	1.625



Solder tailpipes



Size	L3	D3
3/4"	1.34	3/4
1"	1.60	1
1 1/4"	1.60	1 1/4
1 1/2"	1.60	1 1/2

Applications:

Any instance where the hot heating water supply requires a control valve for diverting flow. Such applications include diverting of the flow to hot water storage cylinders for priority switching, boiler hot water flow control for space heating with indirect domestic hot water heating, storage charging connection during no-load conditions by means of a heat pump, fan coil bypass, solar storage or boiler space heating, and solar heat dissipation.

Threaded tailpipes

Performance Data:
