Heat Link®
www.heatlinkgroup.com

4-way Flange Mixing Valve
Submittal - Page 1 of 2

Job or Customer :	
Location :	
Engineer :	
❑ Complies with Spec ❑ Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description
This unit mixes high temperature boiler water with heating return water to create a supply water temperature. It has the option of manual operation, or it can be fitted with a mixing valve motor for fully automatic operation. Bolt pattern is compatible with both DIN 2631 PN6 and ANSI (ASA) B16.5 150 psi.

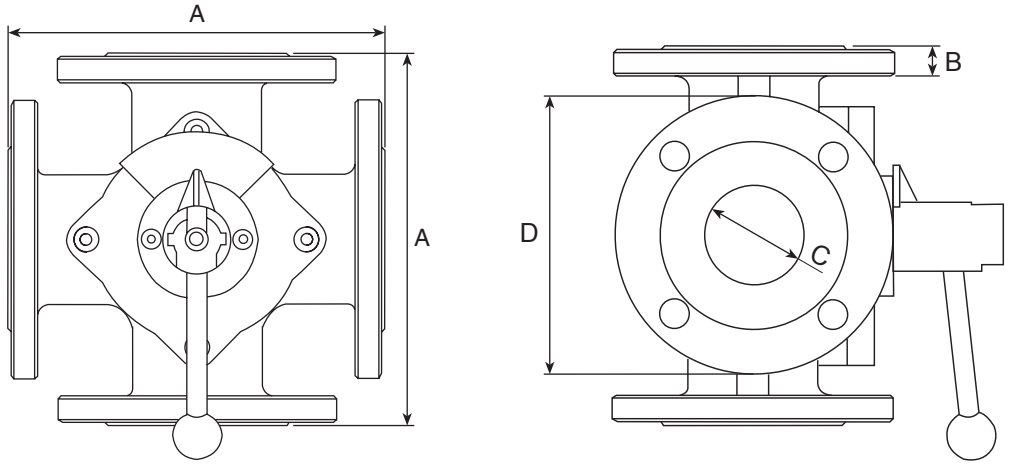
Technical Data
Material:..... Cast Iron
Spindle Sealing:..... 2 o-rings
Max. Operating Temperature:..... 110°C / 230°F
Max. Operating Pressure:..... 6 bar / 87 psi
Degree of Movement:..... 90°
Torque:..... 25 Nm
Mixing Valve Motor: 58199

Standards / Listings
n/a

Installation
Installation must follow all of HeatLink's instructions and guidelines, including those in the installation instructions.

Related Documents
• Component Warranty

			Dimension						
Qty	**Size**	**Stk. #**	**A**	**B**	**C**	**D**	**Cv**	**Kvs**	**Weight**
	2-½"	64165	8-¼" (210 mm)	⅝" (16 mm)	2-9⁄16" (65 mm)	6-5⁄16" (160 mm)	73.3	63	37.5 lb 17 kg
	3"	64180	9-⅞" (250 mm)	¾" (18 mm)	3-⅛" (80 mm)	7-½" (190 mm)	116.3	100	61.7 lb 28 kg
	4"	64199	10-⅝" (270 mm)	¾" (18 mm)	3-15⁄16" (100 mm)	8-¼" (210 mm)	186	160	77.2 lb 35 kg



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Mississauga Office: 1555 Bonhill Road, Unit #7, Mississauga, ON, L5T 1Y5
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Mixing Valve Sizing Graph

Valves are designed for optimum performance in the shaded region. There are two ways to size a valve correctly. Note the second method assumes the flow rate through the valve is known.

1. In the diagram below, select the Btu load desired for the hydronic system along the bottom scale. Draw a line straight up to the temperature drop desired for the system (the diagonal lines). From this point, take a line left, until it crosses a diagonal mixing valve line in the shaded area of the left graph. This line indicates the proper sized valve for the project. Extend a line downwards from the intersection and read the pressure drop across the valve along the bottom.
2. From the scale on the left, select the flow rate for the system. Follow straight right until it crosses a diagonal line in the shaded region. This line indicates the proper valve for the system. Extend a line downwards from the intersection and read the pressure drop across the valve along the bottom.

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