



Cert. No. LRQ 0963008

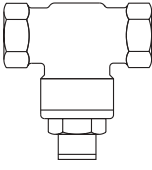
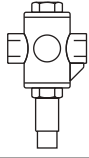
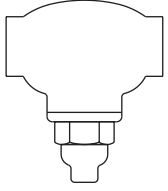
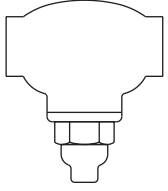
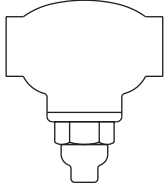
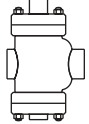
ISO 9001

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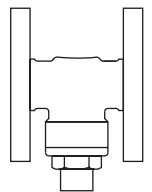
TI-S21-03  
CH Issue 3

## Normally Open Self-acting Control Valve Body Range

### Gunmetal with stainless steel trim

Style and Material	Maximum lift K <sub>v</sub>	Connections Screwed BSP	Flanged	Body design rating	Differential pressure bar	Stroke mm	Maximum operating temperature °C (without spacer)**
	<b>BX2</b>	0.38				2.2	
	<b>BX3</b>	0.64				3.2	
	<b>BX4</b>	1.03	½"	–	PN25	17.2	232
	<b>BX6</b>	1.65				3.2	
	<b>SB</b>	2.58	½"	–	PN25	3.2	232
		3.86	¾"	–	PN25	4.0	232
		6.80	1"	–	PN25	5.0	232
	<b>KA51</b> unbalanced	9.80	1"	–	PN25	5.6	232
		16.48	1¼"	–	PN25	8.0	232
		23.70	1½"	–	PN25	9.0	232
		34.00	2"	–	PN25	9.5	232
	<b>KB51</b> bellows balanced	9.80	1"	–	PN25	5.6	232
		16.48	1¼"	–	PN25	8.0	232
		23.70	1½"	–	PN25	9.0	232
		34.00	2"	–	PN25	9.5	232
	<b>KC51</b> balanced	16.48	1½"	–	PN25	9.0	232
		34.00	2"	–	PN25	9.5	232
	<b>NS</b> unbalanced double seat	65.00	2½"	DN65	PN25	9.5	232
		94.00	3"	DN80	PN25	9.5	232

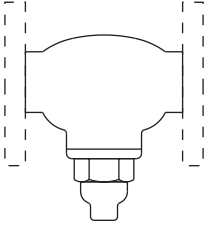
### Cast iron with stainless steel trim

	<b>BMF2</b>	0.38				2.2	
	<b>BMF3</b>	0.64				3.2	
	<b>BMF4</b>	1.03	–	DN15	PN16	16.0	232
	<b>BMF6</b>	1.65				3.2	

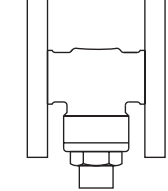
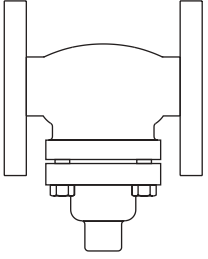
\* These valves can also be used on water for high Δp conditions.

\*\* For increased temperature using a spacer refer to the relevant Technical Information sheet (TI).

## Cast iron with stainless steel trim

Style and Material	Maximum lift K <sub>v</sub>	Connections Screwed BSP	Flanged	Body design rating	Differential pressure bar	Stroke mm	Maximum operating temperature °C (without spacer)**
	2.90	½"	DN15	PN16	13.0	3.2	220
	4.64	¾"	DN20	PN16	10.3	4.0	220
	9.80	1"	DN25	PN16	4.5	5.6	220
	16.48	1¼"	DN32	PN16	3.0	8.0	220
	23.70	1½"	DN40	PN16	2.0	9.0	220
	34.00	2"	DN50	PN16	1.5	9.5	220
<b>KB31 and KB33</b> bellows balanced	9.80	1"	DN25	PN16	10.3*	5.6	220
	16.48	1¼"	DN32	PN16	9.0*	8.0	220
	23.70	1½"	DN40	PN16	8.2*	9.0	220
	34.00	2"	DN50	PN16	6.9*	9.5	220
<b>KC31</b> balanced	16.48	1½"	–	PN16	13.0	9.0	220
	34.00	2"	–	PN16	13.0	9.5	220

## Cast steel with stainless steel trim

	<b>BM2</b>	0.38				2.2		
	<b>BM3</b>	0.64				3.2		
	<b>BM4</b>	1.03	–	DN15	PN25	17.2	3.2	232
	<b>BM6</b>	1.65					3.2	
	<b>KA43</b> unbalanced	2.90	–	DN15	PN40	17.0	3.2	232
		4.64	–	DN20	PN40	10.0	4.0	232
		9.80	–	DN25	PN40	4.5	5.6	232
		16.48	–	DN32	PN40	3.0	8.0	232
		23.70	–	DN40	PN40	2.0	9.0	232
		34.00	–	DN50	PN40	1.5	9.5	232
	<b>KB43</b> bellows balanced	9.80	–	DN25	PN40	10.0*	5.6	232
		16.48	–	DN32	PN40	9.0*	8.0	232
		23.70	–	DN40	PN40	8.2*	9.0	232
		34.00	–	DN50	PN40	6.9*	9.5	232
<b>KC43</b> balanced	16.48	–	DN32	PN40	16.0	8.0	232	
	16.48	–	DN40	PN40	16.0	9.0	232	
	34.00	–	DN50	PN40	13.8	9.5	232	

\* These valves can also be used on water for high Δp conditions.

\*\* For increased temperature using a spacer refer to the relevant Technical Information sheet (TI).