

Reverse Flow In-Line Valves | VB

VB

Brass In-Line Valve with Reverse Flow Design

Features and Benefits

- Available in 3/4" to 2"
- Normally closed, reverse flow design ensures valve remains closed in the event of a diaphragm tear or puncture
- External bleed for manual operation
- Consistent slow and smooth closing speed reduces water hammer and prolongs valve life
- 600 lb. test nylon reinforced EPDM diaphragm
- Made of high-quality Red Brass

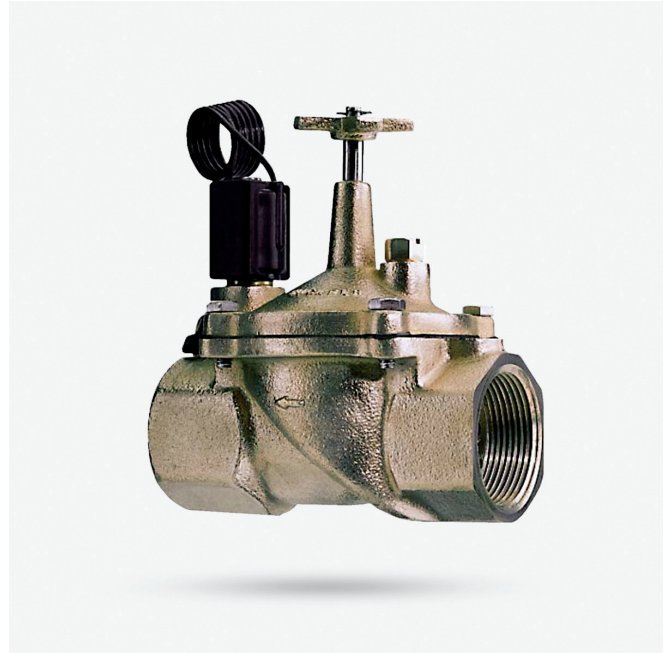
Operating Ranges

Flow: 5 to 140 GPM
 Pressure: 20 to 200 PSI
 Valve Closing Speed: 0.9 to 2.0 sec @ 50 to 100 PSI

Solenoid Specifications

Comes standard with:
 5.8 VA holding: (0.24 A at 24 VAC, 60 Hz)
 6.9 VA holding: (0.29 A at 24 VAC, 50 Hz)
 Coil Resistance (DC): 20 to 25 Ohms
 Min./Max. Voltage: 20/30 VAC

HD option comes with:
 7.5 VA holding: (0.32 A at 24 VAC, 60 Hz)
 9.0 VA holding: (0.38 A at 24 VAC, 50 Hz)
 Coil Resistance (DC): 18.8 Ohms
 Min./Max. Voltage: 20/30 VAC



Model Description

Model No.	Description	Height	Length	Width
VB07	3/4" In-Line Brass Valve	5 1/4"	2 1/2"	4"
VB10	1" In-Line Brass Valve	5 1/4"	2 1/2"	4 1/2"
VB12	1 1/4" In-Line Brass Valve	5 1/4"	2 3/4"	4 7/8"
VB15	1 1/2" In-Line Brass Valve	6"	3 3/4"	5"
VB20	2" In-Line Brass Valve	6 1/4"	5 7/8"	4 1/2"

Pressure Loss in PSI

GPM	VB07	VB10	VB12	VB15	VB20
5	3.6	3.3			
10	4.6	4.5	0.3		
15	4.8	4.7	0.7		
20	5.2	5.0	1.2		
25	6.6	5.8	1.7		
30	8.9	7.7	2.5		
35	10.0	9.6	2.8		
40		12.6	3.8		
45		16.3	5.1		
50			6.5	3.0	
55			7.6	3.7	
60			8.8	5.1	
70			9.7	7.6	3.0
80				10.2	3.4
90				13.0	4.2
100					4.8
120					6.7
140					7.2

