



BLAZE



Shotgun Riser Check Valve

Model : BT 5304

Description:

The Shotgun Riser Check Valve (Grooved Ends) is a spring-loaded, fast-closing check valve designed for use in wet pipe and pre-action fire protection systems. It prevents reverse water flow while providing excellent hydraulic performance with minimal pressure loss. Manufactured with a durable ductile iron body, stainless steel internal components and a rubber-faced disc with a bronze seat ring, the valve ensures reliable sealing and long service life. Grooved end connections allow for quick and secure installation, while the integrated drain connection facilitates routine testing and maintenance. The valve is UL Listed with an epoxy-coated body providing superior corrosion resistance for demanding fire protection applications.

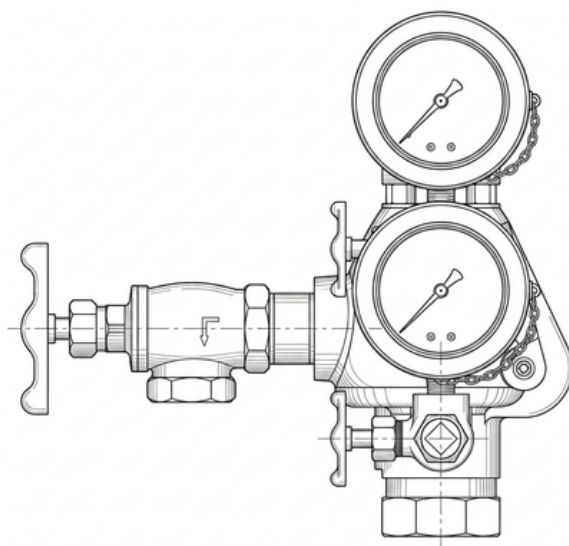
Specifications:

Size	DN 32-DN 200 (1.25" - 8")
Maximum Working Pressure	300 psi for valve with Trim
	350 psi for valve without Trim
Temperature Range	0°C to 87°C (32°F to 188°F)
Approvals	UL 312 Listed
End Connection	Grooved Ends to AWWA C606 Standard.
Coating	FBE Coating in accordance with ANSI / AWWA C550. Average Coating Thickness 250 Microns



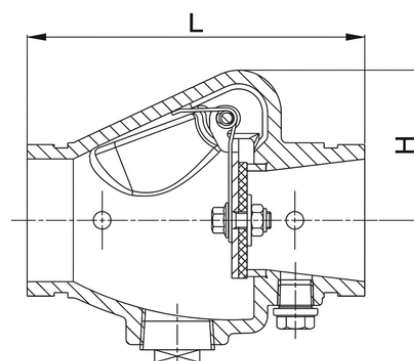
Material Specifications :

Part	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Body Seat Ring	Bronze	B62 C83600
Disc	Stainless Steel	A351 Grade CF8
Disc Facing	Rubber	D2000 EPDM
Spring	Stainless Steel	A276 Type 304
Hinge Pin	Stainless Steel	A276 Type 304
Disc Facing Bolt/Nut	Stainless Steel	A276 Type 304
Angle Drain Valve	Bronze	B148 C95500
3-Way Valves	Bronze	B148 C95500
Nipples	Stainless Steel	A276 Type 304
Air/Water Gauges	Assembly	-



Dimensions :

Order Code	Size	L	H
BT-5304-032-300 / -350	1 ¼"	160 / 6.3"	65 / 2.5"
BT-5304-040-300 / -350	1 ¼"	160 / 6.3"	65 / 2.5"
BT-5304-050-300 / -350	2"	170 / 6.7"	75 / 3"
BT-5304-065-300 / -350	2 ½"	183 / 7.2"	80 / 3.13"
BT-5304-80-300 / -350	3"	198 / 7.8"	90 / 3.5"
BT-5304-100-300 / -350	4"	218 / 8.6"	102 / 4"
BT-5304-150-300 / -350	6"	270 / 10.62"	127 / 5"
BT-5304-200-300 / -350	8"	325 / 12.8"	160 / 6.3"



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