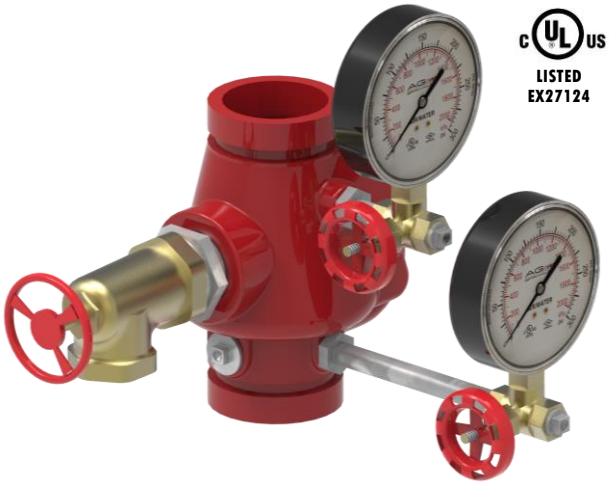
GROOVED RISER CHECK VALVE

Model RS/VR-300-G

Grooved Resilient Swing Riser Check Valve

2”, 2 ½”, 3”, 4”, 5”, 6” & 8”



c UL us LISTED EX27124

FM APPROVED

PRODUCT DESCRIPTION

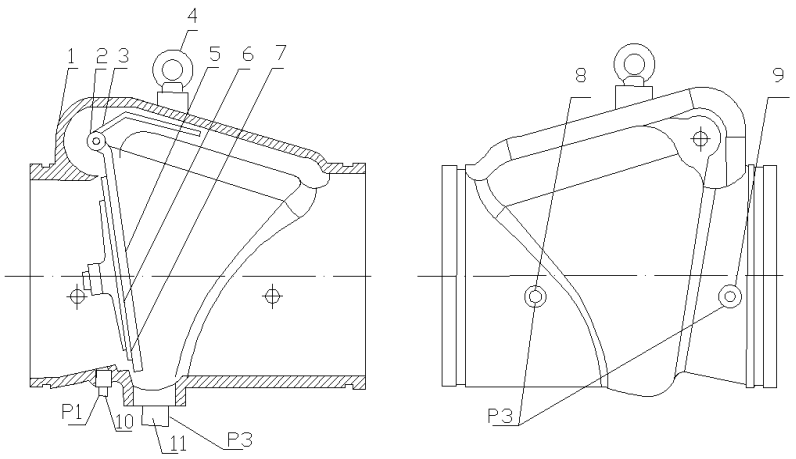
The Riser Check Valve and Trim Kit from AG Fire Sprinkler with a water flow detector can provide an electric alarm, and is a cost effective alternative to an alarm valve in installations not requiring a mechanical alarm.

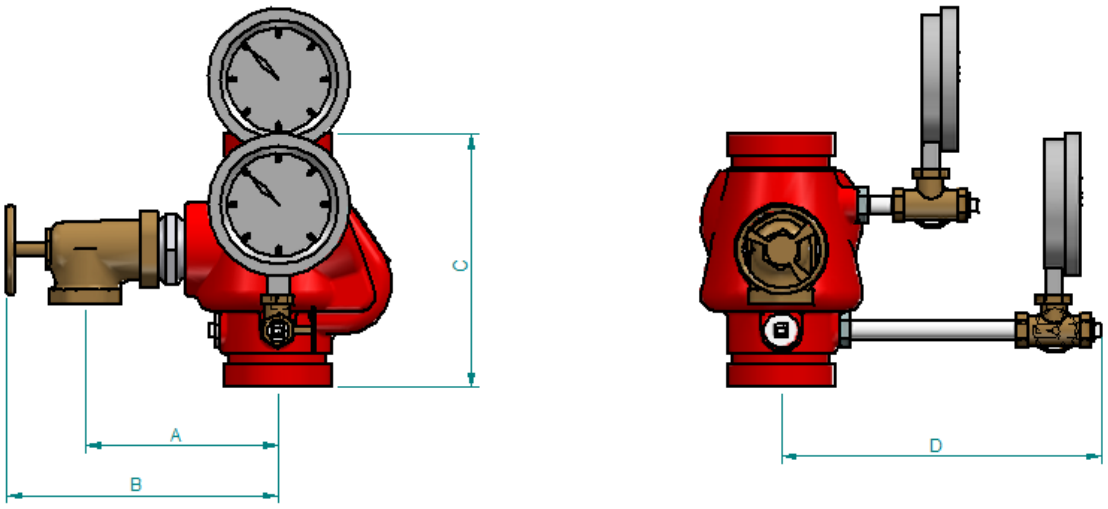
TECHNICAL DATA

Model	RS/VR-300-G Grooved Resilient Swing Riser Check Valve 300psi
Sizes	2” DN50 2 ½” DN65 3” DN80 4” DN100 5” DN125 6” DN150 8” DN200
Rated working pressure	300 psi (20,7 bar)
Factory hydrostatic test pressure	600 psi (41,4 bar)
Working temperature	42ºF to 180ºF (-7ºC to 82ºC)
End connections	Standard grooved per ANSI/AWWA C606
Installation	Vertical: the direction of the flow arrow must point upward Horizontal: the hinge pin must be located at the top * In preaction systems, the valves must be installed vertically

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VALVE DESCRIPTION





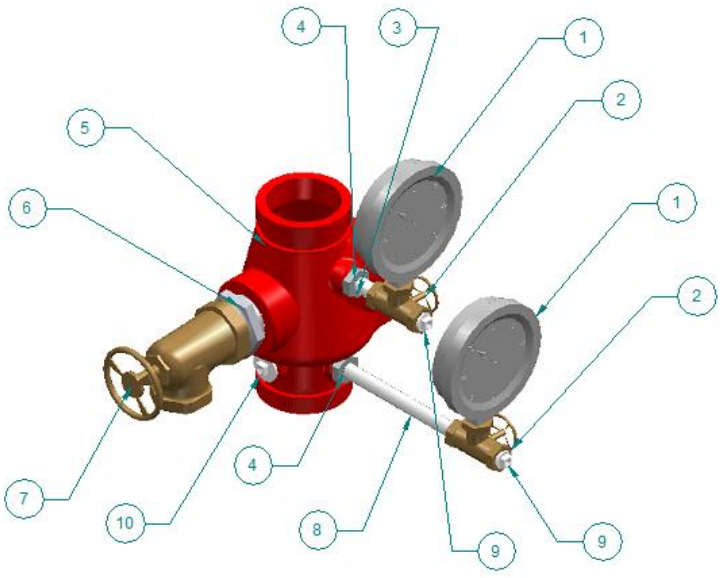
SIZES		DIMENSIONS (mm)							
Inch	mm	A	B	C	D	P1	P3	P2	WEIGHT Kg
2"	50	135,3	235,3	171	190,15	1/2"	1	3/8"	3,3
2,5"	65	148	248	184	196,5	1/2"	1 1/4"	3/8"	3,65
2,5"	65	151,1	251,1	184	198,5	1/2"	1 1/4"	3/8"	3,65
3"	80	163,9	263,9	197	204,45	1/2"	1 1/4"	3/8"	4,71
4"	100	189,3	289,3	210	217,15	1/2"	2"	1/2"	7,66
5"	125	214,7	314,7	248	229,85	1/2"	2"	1/2"	10,08
5"	125	216,3	316,3	248	230,65	1/2"	2"	1/2"	10,08
6"	150	240,1	340,1	324	242,55	1/2"	2"	1/2"	16,38
6"	150	243,3	343,3	324	244,15	1/2"	2"	1/2"	16,38
8"	200	314,1	414,1	371	269,55	1/2"	2"	1/2"	27,18

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- **Note: For special material request other than standard specification, please indicate clearly on the inquiry or oder list.**

NO.	PARTS	STANDARD SPECIFICATION	OPTIONS
1	Valves Body	EN-GJS-450-10	
2	Hinge Pin	SS420	
3	Spring	SS304	SS316
4	Eye Bolt	CARBON STEEL ZINC PLATED	
5	Disc	DN-50-100 SS304	SS304
6	Disc sealing ring	EPDM	NBR
7	Seat Ring	ASTM B62 C83600	SS304,SS316 Pressed Fit or Threaded
8	Plug	Maleable Iron Galvanized	Bronze ASTM B584
9	Plug	Maleable Iron Galvanized	Bronze ASTM B584
10	Plug	Maleable Iron Galvanized	Bronze ASTM B584
11	Plug	Maleable Iron Galvanized	Bronze ASTM B584
12	Bolt	Stainless Steel 304	SS316
13	Whaser	Stainless Steel 304	SS316
14	Nut	Stainless Steel 304	SS316

KIT TRIM DESCRIPTION



ITEM	DESCRIPTION	UNITS
1	1/4" Manometer	2
2	¼" 3 Way valve	2
3	¼" X 50 mm Nipple	1
4	Red 3/8" -1/4"	2
5	Swing check valve	1
6	Adapter (P3)	1
7	Angle valve (P3)	1
8	¼" X 140 mm Nipple	1
9	¼ "plug	2
10	½" plug	1

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ORDERING INFORMATION

VALVE SIZE	COMPLETE VALVE	COMPONENTS		
		VALVE	SEPARATED TRIM	MOUNTING
2” DN50	PHRC050RR0	VHRC050RR0	TRPHRC050	MYPTRIMRC
2 ½” DN65	PHRC065RR0/1	VHRC065RR0	TRPHRC065080	
3” DN80	PHRC080RR0	VHRC080RR0		
4” DN100	PHRC100RR0	VHRC100RR0	TRPHRC100200	
6” DN150	PHRC150RR0/1	VHRC150RR0		
8” DN200	PHRC200RR0	VHRC200RR0		

Specify:

Quantity	
Size	
Riser Trim Kit	Ordered separately (specify valve size)

The equipment presented in this data sheet is to be installed in accordance with the latest published Standards of the national fire protection association (NFPA), FM Global, LPCB, VdS or other similar organizations, also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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