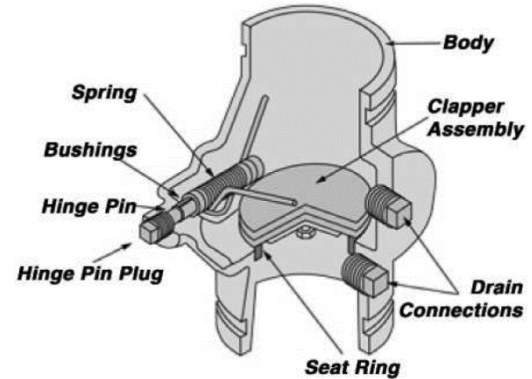


## GROOVED CHECK VALVE (ARGCO)



### Description

The check valve is installed on the discharge side of the DuraQuench system to prevent the reversal of water flow back into the pump skid. In the fully-open position the clapper is held tightly against the valve body, out of the flow stream, to provide maximum flow area and prevention of clapper flutter.

The clapper design produces quick, non-slam closure before flow reversal can occur, while meeting FM requirements for an anti-water hammer valve rating.

Each valve is hydrostatically test for leak tightness to 500 psi (34.5 bar).

### Specifications

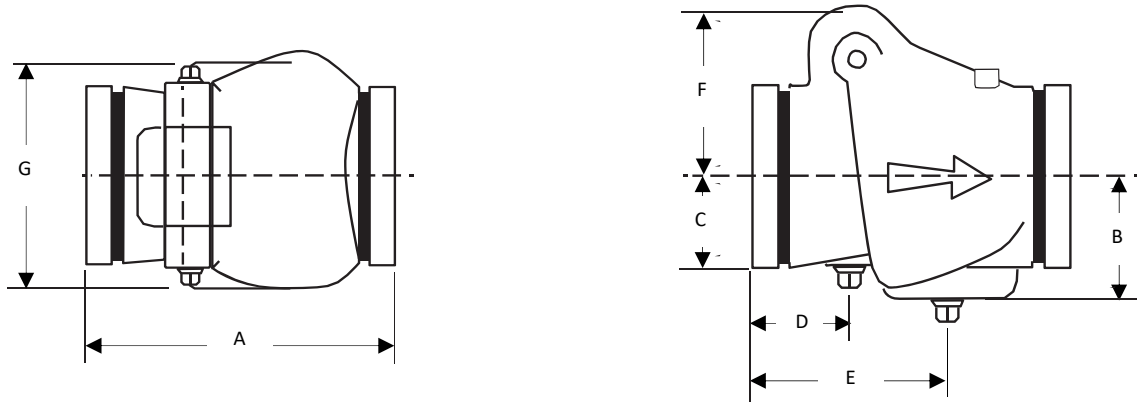
Fike Part Number	02-14915-1 (2") 02-14915-2 (2 1/2") 02-14915-3 (3")
Working Pressure	300 psi (20.7 bar)
Maximum Test Pressure	500 psi (34.5 bar)
Maximum Working Temperature	250°F (120°C)
Weight	8 lbs. (3.63 kg) (2" & 2 1/2") 11 lbs. (4.99 kg) (3")
End Connection	Grooved (Both Ends)

### Materials

Body	Ductile Iron (ASTM A-536) Epoxy Coated
Color	Red
Clapper	304 Stainless Steel (ASTM A167)
Clapper Facing	Grade EPDM
Temperature Range	-40° to 230°F
Seat Ring	304 Stainless Steel (ASTM A123)
Housing	Stainless Steel 316L
Coating	NI-Sn
Strainer	Stainless Steel 316L
Spring	302 Stainless Steel (ASTM A313)
Hinge Pin	302 Stainless Steel (ASTM A580)
Hinge Pin Bushings	Sintered Bronze (ASTM B438)
Hinge and Drain Plugs	Cast Iron (ASTM A126) Class A
Listing / Approval	FM Approved

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## Dimensions



Valve Size	2" (50 mm)	2 1/2" (65 mm)	3" (80 mm)
A	6-3/4" (171.5 mm)	7-1/4" (184.2 mm)	7-3/4" (196.9 mm)
B	2-1/8" (54.0 mm)	2-1/16" (52.4 mm)	5-5/8" (142.9 mm)
C	1-7/16" (36.5 mm)	1-9/16" (39.7 mm)	2" (50.8 mm)
D	1-3/4" (44.5 mm)	1-1/4" (31.8 mm)	1-11/16" (42.9 mm)
E	4-1/2" (114.3 mm)	3-11/16" (93.7 mm)	4-1/4" (108.0 mm)
F	3-1/16" (77.8 mm)	3-5/8" (92.1 mm)	3-11/16" (93.7 mm)
G	4-5/8" (117.5 mm)	3-1/2" (88.9 mm)	4-11/16" (119.1 mm)

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