

## 824 Series Swing Check Valve, Flanged Ends

### SPECIFICATIONS

- COMPLIES WITH AWWA C508 STANDARD
- CLEAR WATERWAY DESIGN
- SEATING TYPE IS RESILIENT MATERIAL TO BRONZE SEAT CONSTRUCTION
- TWO TEST PLUGS INCLUDED – INSTALLED ON ONE SIDE OF VALVE BODY
- FLANGES TO ANSI B16.1 CLASS 125 (OTHER FLANGE TYPES AVAILABLE ON REQUEST)
- UL LISTED / FM APPROVED



### WORKING PRESSURE

- 300 PSI

### WORKING TEMPERATURE

- 42°F TO 180°F

### CORROSION PROTECTION

- FUSION BONDED EPOXY COATED INTERIOR AND EXTERIOR TO AWWA C550 STANDARD

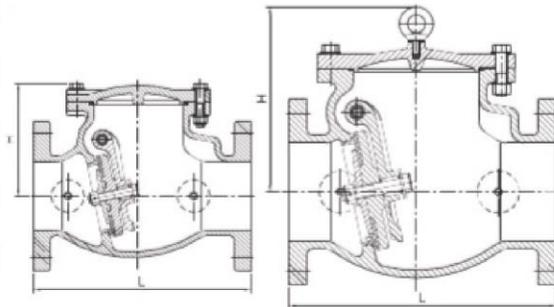
### INSTALLATION

- MAY BE INSTALLED HORIZONTALLY OR VERTICALLY. FOR VERTICAL INSTALLATIONS, THE FLOW MUST BE IN UPWARD DIRECTION



### COMPONENTS

PART NAME	MATERIAL	ASTM SPECIFICATIONS
BODY	DUCTILE IRON	A536 65-45-12
SEAT RING	BRONZE	B62 C83600
DISC RING	RUBBER	EPDM
DISC RING RETAINER	DUCTILE IRON	A536 65-45-12
RETAINER BOLT	STAINLESS STEEL	AISI 304
DISC	DUCTILE IRON	A536 65-45-12
BONNET	DUCTILE IRON	A536 65-45-12
GASKET	RUBBER	EPDM
HINGE PIN	STAINLESS STEEL	AISI 304
CLAPPER ARM	DUCTILE IRON	A536 65-45-12
PIN PLUG	STAINLESS STEEL	AISI 304
NPT PLUG	MALLEABLE IRON	COMMERCIAL
BONNET BOLTS	CARBON STEEL	A307 B
EYEBOLT	CARBON STEEL	A307 B



### DIMENSIONS

(INCHES)

SIZE	2"	2.5"	3"	4"	5"	6"	8"	10"	12"
L	8	10	11	13	14	16	19 1/2	22	26
H	5 3/16	5 11/16	5 7/8	6 7/8	11 3/4	11 13/16	13 7/8	15 9/16	17 1/2
WEIGHT (LBS)	25	29	37.5	55	88	110	129	480	621

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