

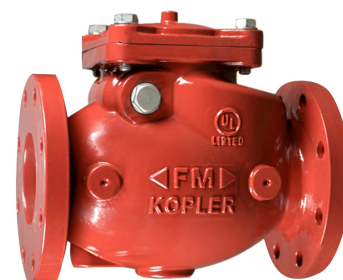
# K-821-A Swing Check Valve

2" - 12" / DN50 - DN300



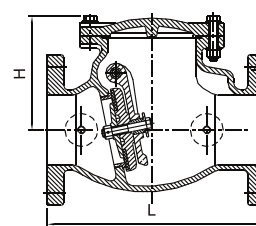
## PRODUCT FEATURES

- Working Pressure 300PSI.
- Ductile Iron Valve Body and Bonnet.
- Complies with AWWA C508 Standard, clear waterway design.
- Seating type is resilient material to bronze seat construction.
- Fusion Bonded Epoxy Coated Interior and Exterior, comply with AWWA C550 Standard.
- Internal parts serviceable without removing valve from line.
- Two test plugs included — installed on one side of valve body.
- Flanged end meets ANSI B16.1 Class125.
- **May be installed horizontally or vertically, for vertical installations, the flow must be in upward direction.**
- UL Listed and FM Approved.

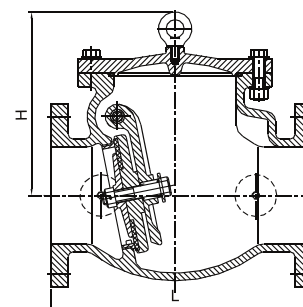


## MATERIAL SPECIFICATIONS

No.	PART NAME	MATERIAL	ASTM SPECS.
1	Body	Ductile Iron	A536 65-45-12
2	Seat Ring	Bronze	B62 C83600
3	Disc Ring	Rubber	EPDM
4	Disc Ring Retainer	Ductile Iron	A536 65-45-12
5	Retainer Bolt	Stainless Steel	AISI 304
6	Disc	Ductile Iron	A536 65-45-12
7	Bonnet	Ductile Iron	A536 65-45-12
8	Gasket	Rubber	EPDM
9	Hinge Pin	Stainless Steel	AISI 304
10	Clapper Arm	Ductile Iron	A536 65-45-12
11	Pin Plug	Stainless Steel	AISI 304
12	NPT Plug	Malleable Iron	Commercial
13	Bon net Bolts	Carbon Steel	A307 B
14	Eyebolt	Carbon Steel	A307 B



Size 2" to 4"



Size 6" to 12"

## DIMENSIONS

Valve Size		2" DN50	2.5" DN65	3" DN80	4" DN100	6" DN150	8" DN200	10" DN250	12" DN300
L	mm	203	254	279	330	406	495	559	660
	inch	8	10	11	13	16	19.5	22	26
H	mm	132	145	150	175	300	352	395	445
	inch	5.20	5.70	5.90	6.90	11.80	13.85	15.55	17.50

## WEIGHT

Valve Size	2" DN50	2.5" DN65	3" DN80	4" DN100	6" DN150	8" DN200	10" DN250	12" DN300
Weight lbs. (kg)	25 (11.40)	29 (13.20)	37.5 (17.00)	55 (24.95)	110 (49.90)	129 (58.50)	480 (217.72)	621 (281.70)

## HMER.EX28420 - Check Valves

\*\*HISTORICAL\*\*

## Check Valves

**Kopler L L C**

501 Silverside Rd, Ste 105 4029  
Wilmington, DE 19809 United States

EX28420

Model	Type	Valve Seat Facing	Nom Pipe Size, NPS	End Config	Rated Pressure, psig	Installation Position
K-821-A-2	Swing	Elastomeric	2	F by F	300	H, V
K-821-A-2.5	Swing	Elastomeric	2-1/2	F by F	300	H, V
K-821-A-3	Swing	Elastomeric	3	F by F	300	H, V
K-821-A-4	Swing	Elastomeric	4	F by F	300	H, V
K-821-A-5	Swing	Elastomeric	5	F by F	300	H, V
K-821-A-6	Swing	Elastomeric	6	F by F	300	H, V
K-821-A-8	Swing	Elastomeric	8	F by F	300	H, V
K-821-A-10	Swing	Elastomeric	10	F by F	300	H, V
K-821-A-12	Swing	Elastomeric	12	F by F	300	H, V
K-822-A-2	Swing	Elastomeric	2	G by G	300	H, V
K-822-A-2.5	Swing	Elastomeric	2-1/2	G by G	300	H, V
K-822-A-3	Swing	Elastomeric	3	G by G	300	H, V
K-822-A-4	Swing	Elastomeric	4	G by G	300	H, V
K-822-A-5	Swing	Elastomeric	5	G by G	300	H, V
K-822-A-6	Swing	Elastomeric	6	G by G	300	H, V
K-822-A-8	Swing	Elastomeric	8	G by G	300	H, V
K-822-A-10	Swing	Elastomeric	10	G by G	300	H, V
K-822-A-12	Swing	Elastomeric	12	G by G	300	H, V
K-823-A	Swing	Elastomeric	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	F by F	350	H, V

End Configuration:

F - Flanged

G - Grooved

Installation Position:

H - Horizontal installation

V - Vertical installation



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