



APPLICABLE STANDARD	
Design&Manufacture	AWWA C508
End Connection	ASME B16.1 CL125/ ASME B16.42 CL150
Face-to-Face and End-to-End Dimensions	AWWA C508
Working Temperature	32°F -176°F
Medium	Water

TESTING DETAILS	
DESCRIPTION	TEST PRESSURE
SHELL TEST	600PSI
SEAT TEST	450PSI

PART NO.	Description	Material Specification
1	Body	Ductile Iron ASTM A536
2	Bonnet	Ductile Iron ASTM A536
3	Seat Ring	ASTM B148 C95400
4	Disc	EPDM ASTM D2000 +DI ASTM A536
5	Rocker Arm	Ductile Iron ASTM A536
6	Baffle Plate	ASTM B148 C95400
7	Middle Stem	Stainless Steel 304 ASTM A276
8	Stem	Stainless Steel 304 ASTM A276
9	Bracket Screw	Stainless Steel 304 ASTM A276
10	Plug	ASTM B148 C95400
11	Gasket	Stainless Steel 304 ASTM A276
12	O-Ring	EPDM ASTM D2000
13	O-Ring	EPDM ASTM D2000
14	O-Ring	EPDM ASTM D2000
15	O-Ring	EPDM ASTM D2000
16	Bronze Bush	Power Metallurgy
17	Nut	Stainless Steel 304 ASTM A276
18	Nut	Stainless Steel 304 ASTM A276
19	Cotter Pin	Stainless Steel 304 ASTM A276
20	Bolt	Stainless Steel 304 ASTM A276
21	Nut	Stainless Steel 304 ASTM A276

DESCRIPTION	Proj.	JKDCV-F300A-001	
AWWA C508 Flanged Resilient Swing Check Valve	DWG#	REV.	
	JKDCV-001		0
	WN	APPR.	DATE
	CINDY	KUHN HU	3-7-2025

CUSTOMER	
PAGE NO	
1 of 1	For special material requests beyond the standard specifications, please clearly note them on your inquiry or order form.

Item No.	Dimensions(Inch)								
	Size	D	C	b	n	d	L	H	P
JKDCV-F30002A	2"	6.00	4.75	0.62	4	0.750	8.00	5.59	1/4 NPT
JKDCV-F300025A	2.5"	7.00	5.50	0.69	4	0.750	8.50	5.83	1/4 NPT
JKDCV-F30003A	3"	7.50	6.00	0.75	4	0.750	9.50	6.44	1/4 NPT
JKDCV-F30004A	4"	9.00	7.50	0.94	8	0.750	11.50	6.77	1/4 NPT
JKDCV-F30005A	5"	10.00	8.50	0.94	8	0.875	13.00	9.33	1/4 NPT
JKDCV-F30006A	6"	11.00	9.50	1.00	8	0.875	14.00	9.17	1/4 NPT
JKDCV-F30008A	8"	13.50	11.75	1.12	8	0.875	19.50	11.85	1/4 NPT
JKDCV-F30010A	10"	16.00	14.25	1.19	12	1.000	24.50	13.70	1/4 NPT
JKDCV-F30012A	12"	19.00	17.00	1.25	12	1.000	27.50	16.50	1/4 NPT