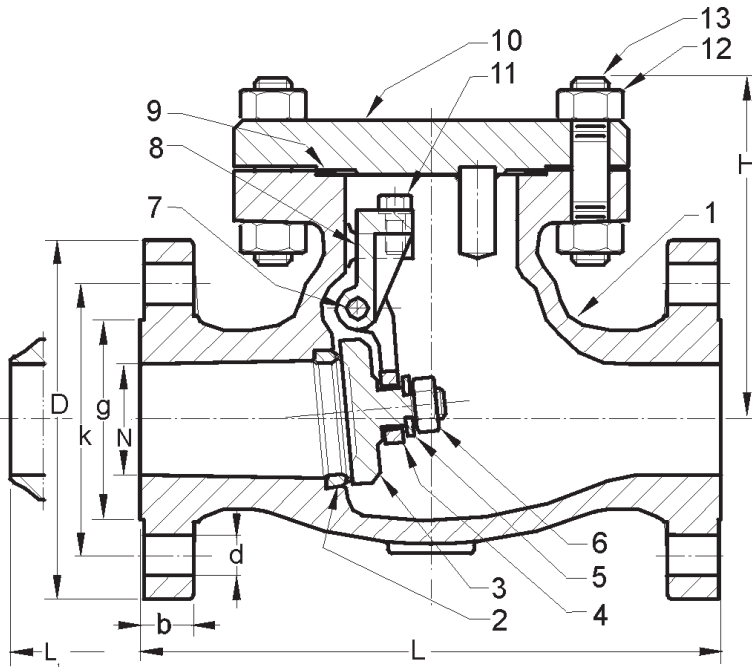


# 3070CB2 FLANGED ENDS 3072CB2 BUTT-WELD ENDS SWING CHECK CLASS 300 2"-12"



SPECIFICATIONS		
Design	API 600, ASME B 16.34	
P-T Rating	ASME B 16.34	
Connections	ASME B 16.5, 16.25	
Face to Face	ASME B 16.10	
Test & Inspection	API 598, RP 591	
MATERIAL LIST		
ITEM	PARTS NAME	MATERIALS
Unless otherwise specified		
1	Body	A216 Gr WCB
2	Seat Ring/Facing	A105 / Co-Cr-W Face or A216 Gr WCB / Co-Cr-W Face
3	Disc	2"-6" A182Gr F6a 8"-12" A216 Gr WCB / 13% Cr Face
4	Disc Hinge	2"-6" A105 8"-12" A216 Gr WCB
5	Disc Washer	A276 Type 410
6	Disc Nut	A194 Gr6
7	Hinge Pin	A276 Type 410
8	Disc Support	A216 Gr WCB
9	Gasket	Spiral Wound S/S w/ Graphite
10	Cover	A105 A216 Gr WCB
11	Bolt	A276 Type 410
12	Cover Stud Bolt Nut	A194 Gr 2H
13	Cover Stud Bolt	A193 Gr B7

## DIMENSIONS

Size NPS	Nominal Size Dia. N INCHES (mm)	Line Flange					Face to Face BW L=L1 INCHES (mm)	Height H INCHES (mm)	Line Flange Bolts		Weight Approx. lbs (kg)
		Dia. D INCHES (mm)	Thickness (min.) b INCHES (mm)	Bolt Circle Dia. k INCHES (mm)	Hole Dia. d INCHES (mm)	Raised Face Dia. g INCHES (mm)			Quantity	Size INCHES (metric)	
2	2.00	6.50	0.88	5.00	0.75	3.62	10.50	6.20	8	5/8	53
	50.8	165.1	22.4	127.0	19.1	91.9	266.7	157.5			
2 1/2	2.50	7.50	1.00	5.88	0.89	4.12	11.50	7.00	8	3/4	70
	63.5	190.5	25.4	149.4	22.6	104.6	292.1	177.8			
3	3.00	8.25	1.12	6.62	0.88	5.00	12.50	7.50	8	3/4	88
	76.2	209.6	28.4	168.1	22.4	127.0	317.5	190.5			
4	4.00	10.00	1.25	7.88	0.88	6.19	14.00	8.75	8	3/4	139
	101.6	254.0	31.8	200.2	22.4	157.2	355.6	222.3			
6	6.00	12.50	1.44	10.62	0.88	8.50	17.50	11.40	12	3/4	266
	152.4	317.5	36.6	269.7	22.4	215.9	444.5	289.6			
8	8.00	15.00	1.62	13.00	1.00	10.62	21.00	13.20	12	7/8	433
	203.2	381.0	41.1	330.2	25.4	269.7	533.4	335.3			
10	10.00	17.50	1.88	15.25	1.12	12.75	24.50	14.75	16	1	689
	254.0	444.5	47.8	387.4	28.4	323.9	622.3	374.7			
12	12.00	20.50	2.00	17.75	1.25	15.00	28.00	21.85	16	1 1/8	990
	304.8	520.7	50.8	450.9	31.8	381.0	711.2	555.0			

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