

Swing Check Valve



SIZE	CLASS	FIG. NO.
10"	150	100
10"	150	100
10"	150	100
10"	150	100

Swing Check Valve

Our cast body Swing Check Valve is designed as a through-conduit check valve manufactured and tested to API 6D and ANSI B16.34 specifications. The check valve's standard design allows for the passage of pipeline pigs.

Features

- Manufactured and tested to API 6D and ANSI B16.34 specifications
- Full Port, Through Conduit
- Inline repairable
- Quick closing to prevent backflow

Sizes Available

2" through 36"

Pressure Classes:

ANSI 150, 300, 600, 900, 1500, 2500

Operating Temperatures

Standard -20° F to +250° F (-28° C to +121° C)

Low Temp to -50° F (-46° C)

End Connections

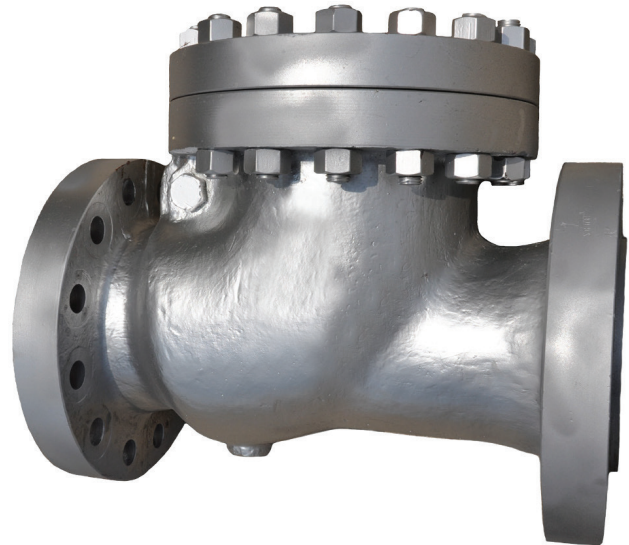
Raised Face, Ring Joint, Weld End

Options

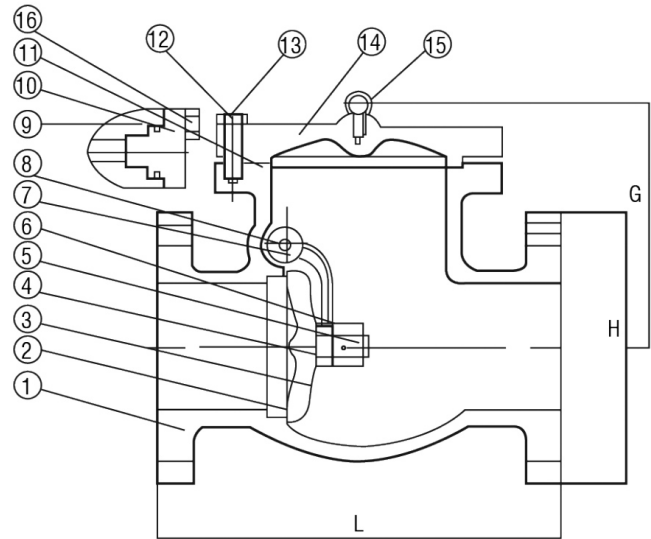
- Standard Service
- NACE MR0175
- Brine Service
- Hold Open/Lock Open device
- Slam Retarder

Applications

Locations where backflow is detrimental to equipment and processes



Size	ANSI	RF	RTJ	H&G	
2	150	8.00		5.38	6.00
	300	10.50		5.63	6.50
	600	11.50	11.62	6.06	6.50
	900/1500	14.50	14.62	7.20	8.50
3	150	9.50		6.89	7.50
	300	12.50		7.27	8.25
	600	14.00	14.12	7.70	8.25
	900	15.00	15.12	7.90	9.50
	1500	18.50	18.62	10.22	10.50
4	150	11.50		7.75	9.00
	300	14.00		8.18	10.00
	600	17.00	17.12	8.65	10.75
	900	18.00	18.12	11.00	11.50
	1500	21.50	21.62	13.60	12.25
6	150	14.00		11.00	11.00
	300	17.50		11.40	12.50
	600	22.00	22.12	12.00	14.00
	900	24.00	24.12	15.70	15.00
	1500	27.75	28.00	15.60	15.50
8	150	19.50		13.60	13.50
	300	21.00		15.10	15.00
	600	26.00	26.12	15.50	16.50
	900	29.00	29.12	15.80	18.50
10	150	24.50		15.50	16.00
	300	24.50		16.20	17.50
	600	31.00	31.12	18.20	20.00
	900	33.00	33.12	18.20	21.50
12	150	27.50		16.80	19.00
	300	28.00		17.70	10.50
	600	33.00	33.12	19.90	22.00
	900	38.00	38.12	20.20	24.00
16	150	34	20.5	23.5	
	300	34		214	25.5
	600	39	39.12	21.5	27
20	150	38.5		26.13	27.5
	300	40		26.63	30.5
	600	47	47.12	28.25	32
24	150	51		33.25	32
	300	53		33.25	36
	600	65	55.12	34.5	37
30	150	60		37.25	38.75
	300	62.75		36.38	43
	600	55	65.12	34.75	44.5
36	150	77		474.5	46
	300	82		42	50
	600	82	82.12	42	51.75



Item	Part	Material
1	Body	ASTM A 216 GR WCC
2	Seat	ASTM A182 GR F316
3	Disc	ASTM A351 GR CF8M
4	Disc Washer	Carbon Steel
5	Pin	ASTM A276 Type 316
6	Disc Nut	A194 GR 8M
7	Hinge	ASTM A351 GR CF8M
8	Hinge Pin	ASTM A276 Type 410
9	O-ring	Viton
10	Plug	Carbon Steel
11	Ring Gasket	Steel
12	Bonnet Stud	ASTM A193 GR B7
13	Nut	ASTM A194 GR 2H
14	Bonnet	ASTM A105
15	Cover Bolt	ASTM A193 GR B7

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