

# Dimensions Class 150 • Bolted Cover

## Figure 377

Check Valve, Raised Face, Flanged Ends

### Size Range:

½ through 12 inches

### Design Features:

- Integral Seat
- Recessed Retained Gasket
- MSS SP-42
- ASME B16.34

## Dimensions and Weights

Valve Size	Weight (lbs)	Dimensions (inches)	
		L	H
½	4.2	4.25	2.6
¾	5.6	4.61	2.8
1	8.4	5.00	5.0
1 ½	13.5	6.50	3.8
2	20.4	8.00	4.3
2 ½	50.7	8.50	6.2
3	57.3	9.50	6.5
4	99.2	11.50	8.6
5	N/A	13.00	13.8
6	172.0	14.00	16.0
8	299.9	19.50	18.3
10	471.9	24.50	21.2
12	707.8	27.50	19.0

Please refer to page 28 for Pressure-Temperature Ratings.

## Industry Standards

End Flanges	ASME B16.5
Wall Section	ASME B16.34
Face-to-Face	ASME B16.10
Pressure-Temp Ratings	ASME B16.34
Testing	API 598

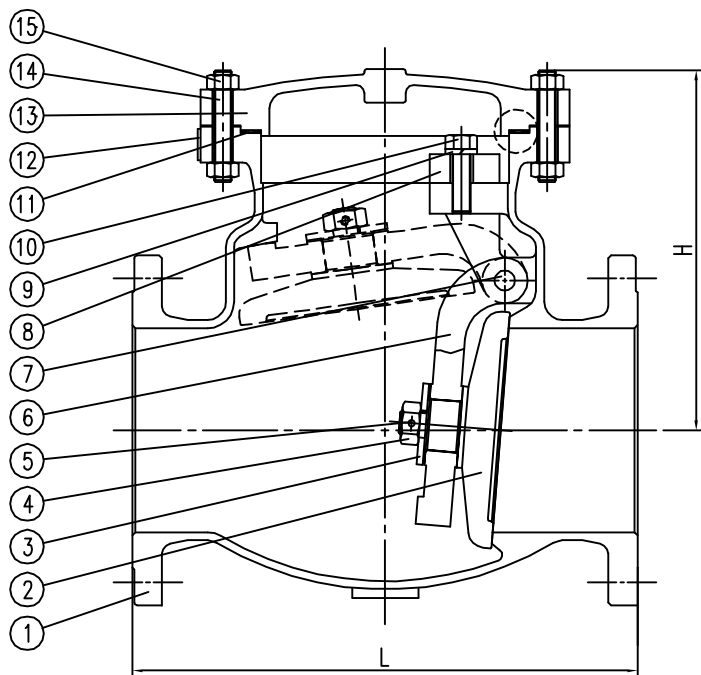


Fig. 377

## Materials of Construction

1	Body	ASTM A351 CF8M
2	Disc	ASTM A351 CF8M
3	Hinge	ASTM A276 316
4	Nut	ASTM A194 GR 8M
5	Pin	ASTM A276 316
6	Hinge	ASTM A351 CF8M
7	Hinge Pin	ASTM A276 316
8	Yoke	ASTM A351 CF8M
9	Spring Gasket	ASTM A276 316
10	Bolt	ASTM A193 GR B8
11	Gasket	PTFE
12	Name Plate	ASTM A276 304
13	Bonnet	ASTM A351 CF8M
14	Bolt	ASTM A193 GR B8
15	Nut	ASTM A194 GR 8