

IRON BODY BRONZE TRIMMED and ALL IRON SWING CHECK VALVES

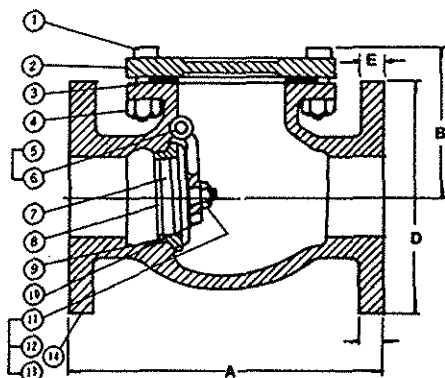


Fig. 559
Bronze Trimmed, Flanged
Fig. 1259-All Iron, Flanged
Sizes, 2" through 18"

SPECIFICATIONS

•Conforms to MSS SP-71 Type 1

DIMENSIONS (Inches)

Size	2	2 1/2	3	4	5	6	8	10	12	14	16	18
A	8	8 1/2	9 1/2	11 1/2	13	14	19 1/2	24 1/2	27 1/2	31	36	36
B	4 11/16	5 3/8	5 3/4	6 11/16	7 3/4	8 1/2	10 3/8	11 15/16	13 1/2	15 1/2	16 5/8	19 5/16
D	6	7	7 1/2	9	10	11	13 1/2	16	19	21	23 1/2	25
E	5/8	11/16	3/4	15/16	15/16	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 9/16
Wt.	25	36	48	80	113	152	252	416	606	794	1020	1304

CLASS 125

BOLTED FLANGED CAP • FLANGED ENDS

PRESSURE/TEMPERATURE RATINGS

2" to 12"	125 psi Steam at 450°F
	200 psi Non-Shock Cold Water, Oil or Gas
14" to 18"	100 psi Steam at 350°F
	150 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec
1 Cover Bolt	Steel	A-307-B
2 Cover	Cast Iron	A-126-B
3 Cover Gasket	Non-Asbestos	
4 Cover Bolt Nut	Steel	A-307
5 Hanger Pin	Brass	B-16
6 Side Plug	Brass	B-16
7 Disc	Cast Iron	A-126-B
8 Disc Seat Ring	Cast Bronze	B-62
9 Body Seat Ring	Cast Bronze	B-62
10 Hanger	Ductile Iron	A-536
11 Disc Nut	Steel	A-307
12 Washer	Steel	A-307
13 Split Pin	Stainless Steel	SUS 410
14 Body	Cast Iron	A-126-B

3% NICKEL CAST IRON SWING CHECK VALVE

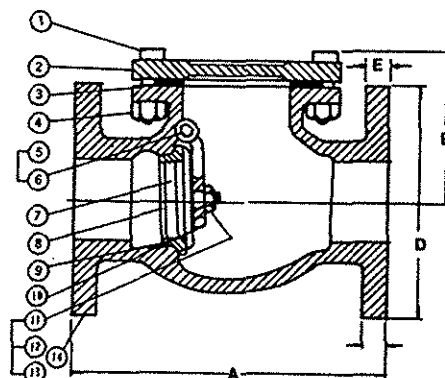


Fig. 559P
Swing Check Valve
Sizes, 2" through 18"

CLASS 125 BOLTED CAP • FLANGED ENDS

PRESSURE/TEMPERATURE RATINGS

2" to 12"	125 psi Steam at 450°F
	200 psi Non-Shock Cold Water, Oil or Gas
14" to 18"	100 psi Steam at 350°F
	150 psi Non-Shock Cold Water, Oil or Gas

MATERIALS

DESCRIPTION	MATERIAL	ASTM Spec
1 Cover Bolt	Stainless Steel	A-276 Type 304
2 Cover	Cast Iron Ni	3% Nickel
3 Cover Gasket	Non-Asbestos	
4 Cover Bolt Nut	Stainless Steel	A-582 Type 303
5 Hanger Pin	Stainless Steel	A-276 Type 304
6 Side Plug	Stainless Steel	A-276 Type 304
7 Disc*	2"-3" Stainless Steel	A-182 Gr. F316
8 Disc Seat Ring	Stainless Steel	A-182 Gr. 316
9 Body Seat Ring	Stainless Steel	A-182 Gr. 316
10 Hanger	Stainless Steel	A-351 Gr. CF8M
11 Disc Nut	Stainless Steel	A-582 Type 303
12 Washer	Stainless Steel	A-276 Type 304
13 Split Pin	Stainless Steel	A-276 Type 304
14 Body	Cast Iron Ni	3% Nickel

*4" through 18" 3% Ni Iron Disc with Stainless Facing

Dimensions and Weights Fig. 559P Same As Fig. 559