

WALWORTH CAST IRON SWING CHECK VALVES CLASS 125

CAST IRON SWING CHECK VALVES

DESIGN FEATURES

- Body and Cover Cast iron in accordance with ASTM A 126 Class B.
- Swing Check valves design in accordance with MSS SP-71
- Swing Type Disc.
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled as per ANSI B16.1
- Bolted Cover design.

STANDARD MANUFACTURING OF DISC

- Disc to Hanger connection allows, the disc a controlled movement independent of the hanger to assure proper disc alignment with the seat at closure position.
- Service Conditions WOG-Water, Water Pumping Systems.
- Counter weight options.
- By-Pass, Drains and Special connections, available upon request.

TRIM MATERIALS

- Cast Iron Valves are provided with Bronze Seat and Brass Shaft
- Bronze trim valves are recommended for steam, water, sea water, air, and noncorrosive oil or gas.
- All iron valves are recommended for oil, gas, or fluids that corrode bronze, but not iron or steel.



WALWORTH CAST IRON SWING CHECK VALVES

CLASS 125

DESIGN FEATURES

- Design in accordance with MSS SP-71
- CLASS 125
- Cast Iron Construction
- Bolted Cover design
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled as per ANSI B16.1

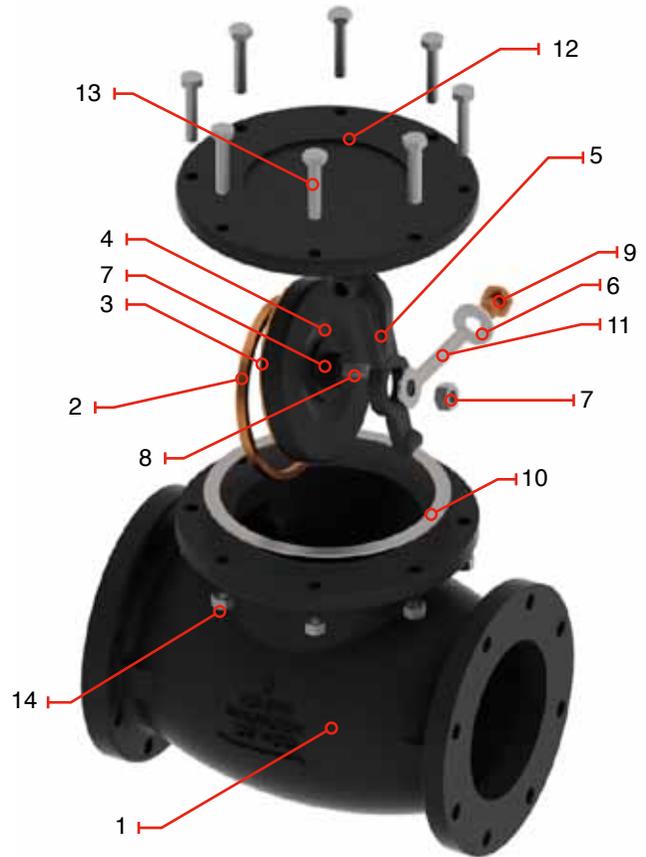
125 psi (8.6 Bar) Saturated Steam @ 353°F (207°C)

200 psi (13.8 Bar) Cold water pressure @ -20°F(-29 °C) to 150 °F(66°C).

Regular Bill of Materials

No.	Description	Brass
1	Body	ASTM A126 class B
2	Body Seat Ring	ASTM B62 Grade C83600
3	Disc Seat Ring	ASTM B62 Grade C83600
4	Disc	ASTM A126 class B
5	Hanger	ASTM A536 65-45-12
6	Washer	Steel
7	Nut	Steel
8	Pin Retainer Clip	Steel
9	Side Pin	Brass ASTM B16
10	Gasket	GRAPHITE
11	Hanger Pin	ASTM A182 Gr F304
12	Cover	ASTM A126 class B
13	Bolt	ASTM A307 class B
14	Nut	ASTM A563 class B
15	Identification Plate*	Aluminum

* Not Shown



WALWORTH CAST IRON SWING CHECK VALVES

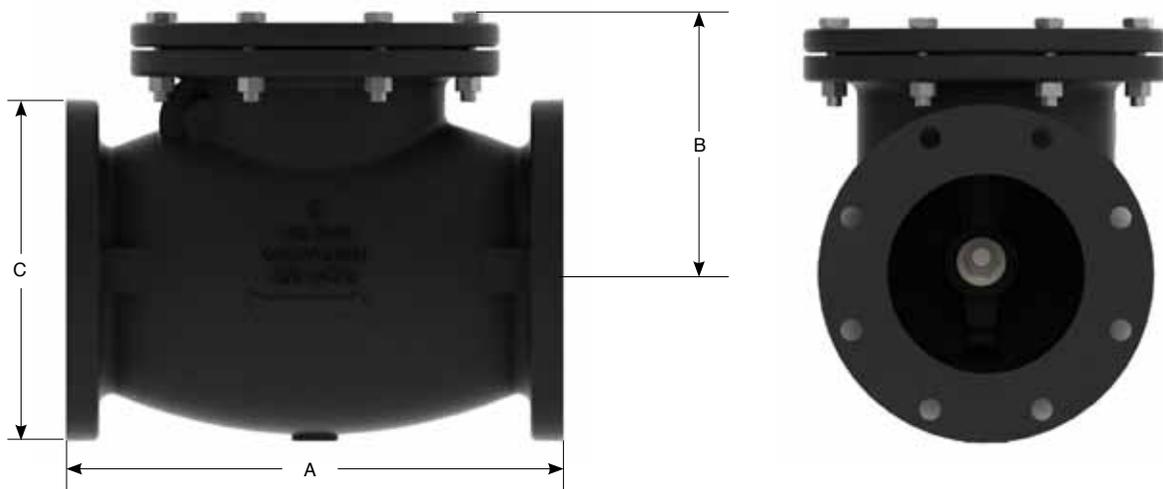
CLASS 125

DESIGN FEATURES

- Design in accordance with MSS SP-71
- CLASS 125
- Cast Iron Construction
- Bolted Cover design
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled as per ANSI B16.1



Catalog Figure No.	Type of Ends
W928F	Flat Face ends



Dimensions and Weights

D Nominal Diameter	mm	51	64	76	102	127	152	203	254	305	356	406	457	508	610
	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
A	mm	203.2	215.2	241.3	292.1	416.0	355.6	465.3	622.3	698.5	787.4	914.0	914.0	1016.0	1219.0
	inch	8.00	8.47	9.50	11.50	16.38	14.00	18.32	24.50	27.50	31.00	35.98	35.98	40	47.99
B	mm	112	132	141	162	292	211	270	316	357	560	589	645	702	812
	inch	4.41	5.20	5.55	6.38	11.50	8.31	10.63	12.44	14.06	22.05	23.19	25.39	27.64	31.97
C	mm	152	178	190	229	254	279	343	406	483	533	597	635	699	813
	inch	5.98	7.01	7.48	9.00	10.00	11.00	13.50	15.98	19.02	21.00	23.50	25.00	27.52	32.01
Weight W928F	kg	12	18	21	37	56	72	123	201	291	419	542	656	902	1260
	lb	26.46	39.69	46.31	81.59	123.48	158.77	271.22	443.22	641.68	923.93	1195.15	1446.53	1988.97	2778.39
Cv	Flow	75.0	120.0	173.0	316.0	509.0	756.0	1392.0	2175.0	3250.0	4424.0	5778.0	7611.0	9397.0	13521.0
	Coefficient														

WALWORTH CAST IRON SWING CHECK VALVES CLASS 250

CAST IRON SWING CHECK VALVES

DESIGN FEATURES

- Body and Cover Cast iron in accordance with ASTM A 126 Class B.
- Swing Check valves design in accordance with MSS SP-71
- Swing Type Disc.
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled as per ANSI B16.1

STANDARD MANUFACTURING OF DISC

- Disc to Hanger connection allows, the disc a controlled movement independent of the hanger to assure proper disc alignment with the seat at closure position.
- Service Conditions WOG-Water, Water Pumping Systems.
- Counter weight options.
- By-Pass, Drains and Special connections, available upon request.

TRIM MATERIALS

- Cast Iron Valves are provided with Bronze Seat and Brass Shaft.
- Bronze trim valves are recommended for steam, water, air, and noncorrosive oil or gas.
- All iron valves are recommended for oil, gas, or fluids that corrode bronze, but not iron or steel.



WALWORTH CAST IRON SWING CHECK VALVES

CLASS 250

DESIGN FEATURES

- Design in accordance with MSS SP-71
- CLASS 250
- Cast Iron Construction
- Bolted Cover design
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled conforms to ANSI B16.1

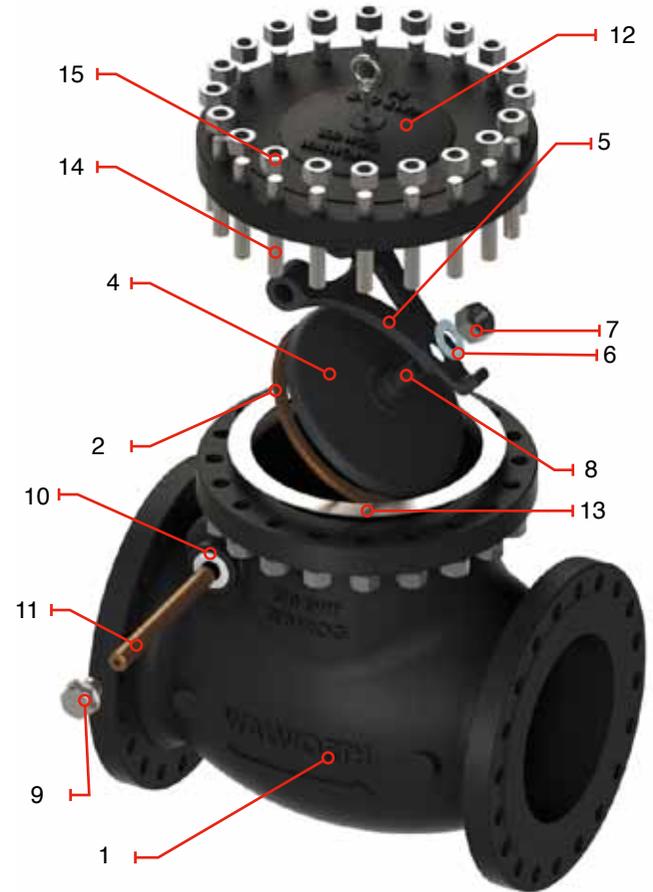
250 psi (17.2 Bar) Saturated Steam @ 406°F (207°C)

500 psi (13.8 Bar) Cold water pressure @ -20°F(-29 °C) to 150 °F(66°C).

Regular Bill of Materials

No.	Description	Brass
1	Body	ASTM A126 class B
2	Body Seat Ring	ASTM B62 Grade C83600
3	Disc Seat Ring*	ASTM B62 Grade C83600
4	Disc	ASTM A126 class B
5	Hanger	ASTM A536 65-45-12
6	Washer	Steel
7	Nut	Steel
8	Pin Retainer Clip	Brass Steel
9	Body plug	ASTM B16
10	Gasket	TEFLON
11	Hanger Pin	ASTM A182 Gr F304
12	Cover	ASTM A126 class B
13	Body Gasket	Graphite
14	Bolt	ASTM A307 class B
15	Nut	ASTM A563 class B
16	Identification Plate*	Aluminum

* Not Shown



WALWORTH CAST IRON SWING CHECK VALVES CLASS 250

- Design in accordance with MSS SP-71
- CLASS 250
- Cast Iron Construction
- Bolted Cover
- Face to Face dimensions as per ANSI B16.10
- Flanged drilled as per ANSI B16.1



Catalog Figure No.	Type of Ends
W8970F	Flat Face ends



Dimensions and Weights

D Nominal Diameter	mm	51	64	76	102	127	152	203	254	305	356	406	457	508	610
	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
A	mm	203.2	215.2	241.3	292.1	416.0	355.6	465.3	622.3	698.5	787.4	914.0	914.0	2016.0	1219.0
	inch	8.00	8.47	9.50	11.50	16.38	14.00	18.32	24.50	27.50	31.00	35.98	35.98	79.37	47.99
B	mm	112	132	141	162	292	211	270	316	357	560	589	645	702	812
	inch	4.41	5.20	5.55	6.38	11.50	8.31	10.63	12.44	14.06	22.05	23.19	25.39	27.64	31.97
C	mm	152	178	190	229	254	279	343	406	483	533	597	635	699	813
	inch	5.98	7.01	7.48	9.00	10.00	11.00	13.50	15.98	19.02	21.00	23.50	25.00	27.52	32.01
Weight W8970F	kg	12	18	21	37	56	72	123	201	291	419	542	656	902	1260
	lb	26.46	39.69	46.31	81.59	123.48	158.77	271.22	443.22	641.68	923.93	1195.15	1446.53	1988.97	2778.39
Cv	Flow	75.0	120.0	173.0	316.0	509.0	756.0	1392.0	2175.0	3250.0	3962.0	5249.0	6786.0	8480.0	12427.0
	Coefficient														