910FLW

Class 125, Swing Check Valve

SUBMITTAL SHEET

"Apollo" Valves

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The **Apollo International™ Model 910FLW Flanged Cast Swing Check Valve** with lever and weight provides full flow capabilities. It provides reliable and economical protection against reverse flow. The Model 910FLW Swing Check Valve can be reliably installed in plumbing and heating systems (or building service piping).

FEATURES

- Compatible with ANSI 125# & 150# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Seat
- Lever & Weight Design

APPROVALS

- MSS SP-71 - Gray Iron Swing Check Valves Flanged and Threaded - Type 1
- ASME B16.10 - Face-to-Face and End-to-End Dimensions of Valves

PERFORMANCE RATING

- Saturated Steam:
  125 psi (8.6 Bar) at 353°F (2"-12")
  100 psi (6.9 Bar) at 338°F (14"-24")
- Cold Working Pressure:
  200 psi (13.8 Bar) at 100°F (2"-12")
  150 psi (10.3 Bar) at 100°F (14"-24")
- Temperature Range: -20°F to 406°F max

**Valves should be in open position to allow complete drainage during freezing conditions.*

PART NUMBER MATRIX

Size (in.)	Part Number
2"	**6SC108B1L**
2-1/2"	**6SC109B1L**
3"	**6SC100B1L**
4"	**6SC10AB1L**
5"	**6SC10BB1L**
6"	**6SC10CB1L**
8"	**6SC10E01L**
10"	**6SC10G01L**
12"	**6SC10H01L**

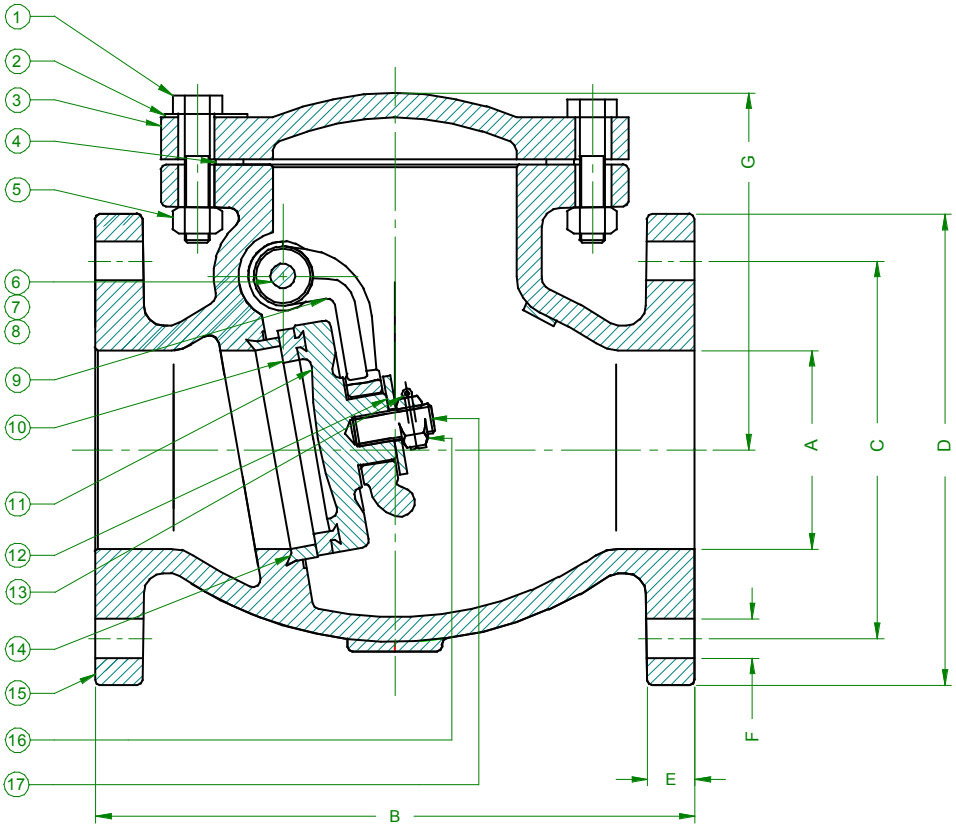
*** The lead free version of this valve is a running change. Contact customer support for availabiliy.**

STANDARD MATERIALS LIST

BOLTS	Steel (ASTM A307 B)
NAMEPLATE	Aluminum
BONNET	Cast Iron (ASTM A126 CL B)
BODY GASKET	Graphite (Asbestos Free)
NUTS	Steel (ASTM A307 B)
SIDE PLUG	Cast Bronze (ASTM B148)
GASKET	Graphite (Asbestos Free)
HANGER PIN	Cast Bronze (ASTM B148)
HANGER	Ductile Iron (ASTM A536 65-45-12)
DISC RING	Cast Bronze (ASTM B148) (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
DISC	Cast Iron (ASTM A126 CL B)
WASHER	Steel (ASTM A307 B)
SPLIT PIN	Stainless Steel (ASTM 420 S42000)
SEAT RING	Cast Bronze (ASTM B148) (2"-6") Cast Iron (ASTM A126 CL B) (8"-20")
BODY	Cast Iron (ASTM A126 CL B)
DISC NUT	Steel (ASTM A307 B)
STUD BOLT	Steel (ASTM A307 B)

*This specification is provided for reference only. Conbraco Industries Inc. reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold. Please visit **apollovalves.com** for the most current information.*

AALBERTS INDUSTRIES



Size (in.)	Dimensions (in.)							Cv (Typ)
	A	B	C	D	E	F	G	
2"	2.00	8.00	4.75	6.00	0.62	0.75	5.12	132
2.5"	2.50	8.50	5.50	7.00	0.69	0.75	5.71	192
3"	3.00	9.50	6.00	7.50	0.75	0.75	7.48	298
4"	4.00	11.50	7.50	9.00	0.94	0.75	8.86	526
5"	5.00	13.00	8.50	10.00	1.00	0.88	9.66	852
6"	6.00	14.00	9.50	11.00	1.00	0.88	10.83	1272
8"	8.00	19.50	11.75	13.50	1.12	0.88	12.99	2278
10"	10.00	24.50	14.25	16.00	1.19	1.00	13.78	3588
12"	12.00	27.50	17.00	19.00	1.25	1.00	15.55	5342

Cv = GPM @1 psi pressure drop, 60°F water
**Cv values are estimates only*

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