

920F

Class 250, Swing Check Valve

SUBMITTAL SHEET

"Apollo" Valves



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

DESCRIPTION

The Apollo International™ Model 920F Flanged Cast Swing Check Valve provides full flow capabilities. It provides reliable and economical protection against reverse flow. The Model 920F Swing Check Valve can be reliably installed in plumbing and heating systems (or building service piping).

FEATURES

- Compatible with ANSI 250# & 300# Flanges
- Full Port
- Minimal Pressure Drop
- Flanged Connection
- Bolted Bonnet
- Integral Seat

PERFORMANCE RATING

- Saturated Steam: 250 psi (17.2 Bar) at 406°F (207°C)
 - Cold Working Pressure: 500 psi (34.5 Bar) at 100°F
 - Temperature Range: -20°F to 406°F max
- *Valves should be in open position to allow complete drainage during freezing conditions.*

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	Brass (ASTM B16)
GASKET	Graphite (Asbestos Free)
HANGER PIN	Brass (ASTM B16)
HANGER	Ductile Iron (ASTM A536 65-45-12)
DISC RING	Cast Bronze (ASTM B62)
DISC	Cast Iron (ASTM A126 CL B)
WASHER	Steel (ASTM A307 B)
SPLIT PIN	Stainless Steel (ASTM 420 S42000)
SEAT RING	Cast Bronze (ASTM B62)
BODY	Cast Iron (ASTM A126 CL B)
DISC NUT	Steel (ASTM A307 B)
STUD BOLT	Steel (ASTM A307 B)

APPROVALS

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

PART NUMBER MATRIX

Size (in.)	Part Number
2"	6SC208B1
2-1/2"	6SC209B1
3"	6SC200B1
4"	6SC20AB1
6"	6SC20CB1
8"	6SC20E01

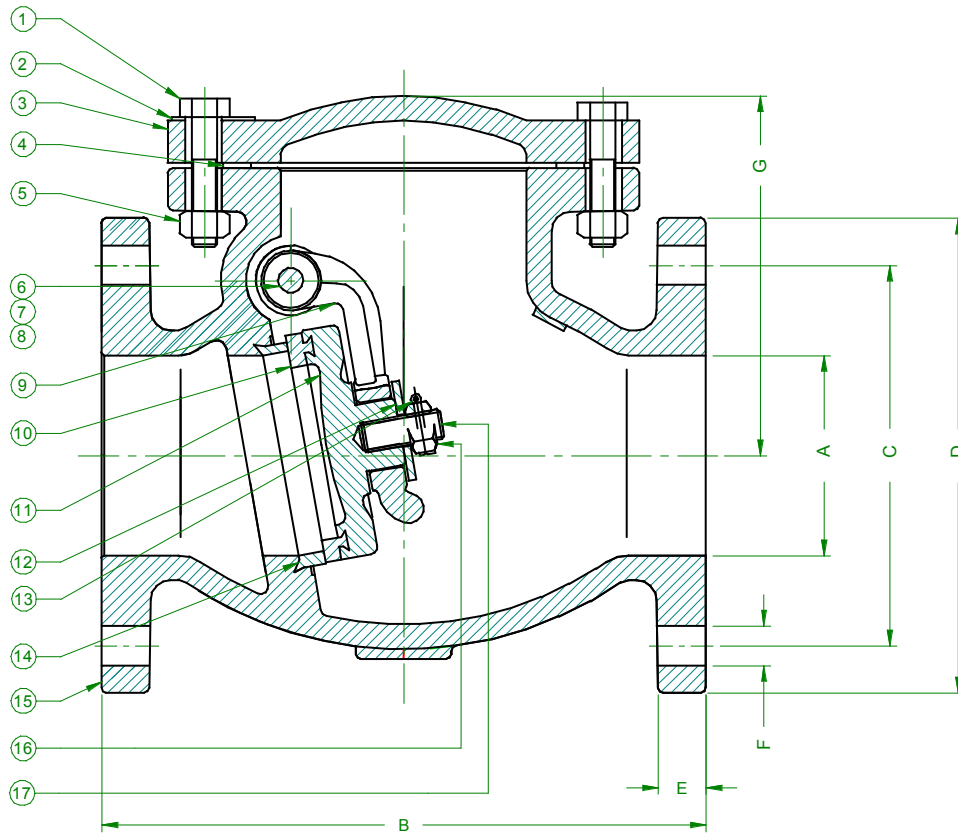
* The lead free version of this valve is a running change. Contact customer support for availability.

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Size (in.)	Dimensions (in.)							Wt. (lbs.)	Cv (Typ)
	A	B	C	D	E	F	G		
2"	2.00	10.50	5.00	6.50	0.88	0.75	4.41	30	132
2.5"	2.50	11.50	5.88	7.50	1.00	0.88	5.24	44	192
3"	3.00	12.50	6.62	8.25	1.12	0.88	5.67	55	298
4"	4.00	14.00	7.88	10.00	1.25	0.88	6.61	90	526
6"	6.00	17.50	10.62	12.50	1.44	0.88	8.54	172	1,272
8"	8.00	21.00	13.00	15.00	1.62	1.00	10.28	289	2,278

Cv = GPM @1 psi pressure drop, 60°F water

*Cv values are estimates only