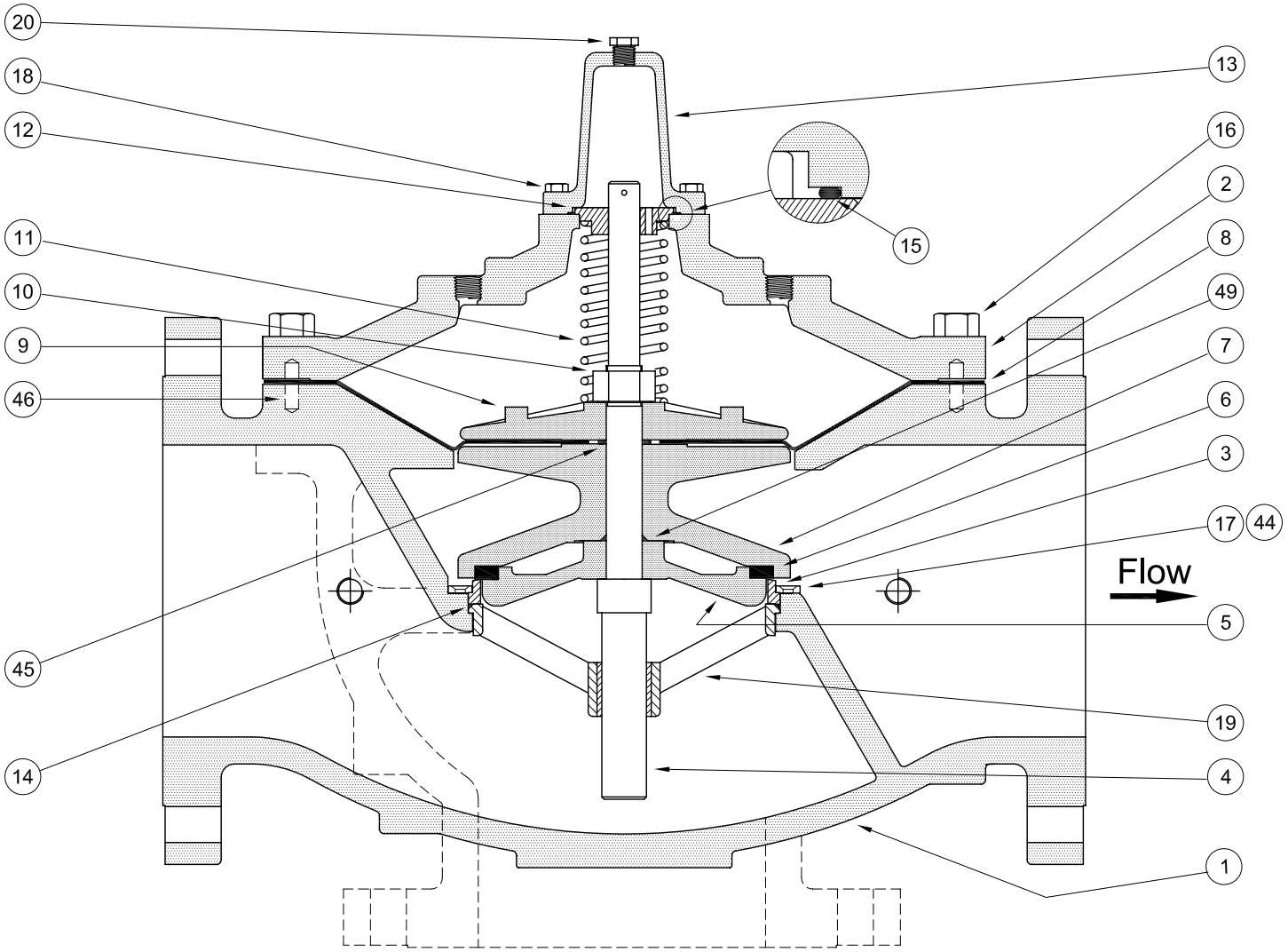
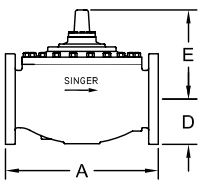
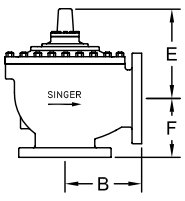
A0719A

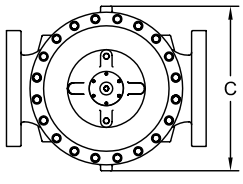


SINGLE CHAMBER MAIN VALVE

SIZES 2-1/2" TO 8" (65MM TO 200MM)







SINGER VALVE

Result-Based Solutions. Globally.

www.singervalve.com 12850-87th Avenue. Surrey, B.C. V3W 3H9

Drawn By:	Approved By:
Scott Grover	Kari Oksanen
Date:	Drawing:
January 6, 2006	A0719A

Model 106-PG & A106-PG

SINGER VALVE
Result-Based Solutions. Globally.

12850-87th Avenue
Surrey, BC. Canada. V3W 3H9
Ph: 604-594-5404
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www.singervalve.com

Material Specifications & Dimensions

2-1/2" to 8" (65mm to 200mm) 106-PG & A106-PG
For Drawing A0719A

Item	Part Name	Material
1	Body	Ductile Iron
2 **X**	Bonnet	Ductile Iron
3	Seat Ring	Stainless Steel
4	Stem	Stainless Steel
5 **!**	Disc Retainer	Cast Iron
6 **	**Resilient Disc**	**EPDM**
7	Inner Valve	Cast Iron
8 **	**Diaphragm**	**Reinforced EPDM**
9	Clamp Plate	Cast Iron
10	Stem nut	Brass B-16
11	Spring	Stainless Steel
12	Guide Bushing	Brass B-16
13	Stem Cap	Ductile Iron
14 **	**Seat Ring Seal**	**Buna-N**
15 **	**Stem Cap Seal**	**Buna-N**
16	Body Capscrew	Stainless Steel
17 **%**	Seat Ring Screws	Stainless Steel

Item	Part Name	Material
18	Stem Cap Capscrew	Stainless Steel
19 **Φ**	Bottom Guide	Ductile Iron & Bronze
20	Stem Cap Plug	Brass
44 **%**	Retaining Washer	Stainless Steel
45 **	**Diaphragm Seal**	**Buna–N**
46	Locating Pin	Steel
49 **	**Disc Retainer Seal**	**Buna-N**

** Recommended spare parts (included in the Rebuild Kit)
% Not required on size 2-1/2", (One piece seat ring and guide, shown as item 3).
X On size 2-1/2" items 3 & 19 are one piece; material - bronze ASTM B-62 and Stainless Steel
! On sizes 2-1/2" & 3", material is brass B-16. On size 4", material is bronze.
Φ On size 3", material is bronze B-62.

106-PG & A106-PG		Globe			Globe & Ang	Angle		
		A	D	E	C	B	E	F
2-1/2" 65mm	**NPT / BSPT**	11" 279mm	3.38" 86mm	7.50" 191mm	8.19" 208mm	5.50" 140mm	7.50" 191mm	4" 102mm
	150F / PN10, PN16, PN25, PN40	11" 279mm	3.50" 89mm	7.50" 191mm	8.19" 208mm	5.50" 140mm	7.50" 191mm	4" 102mm
	300F	11.63" 295mm	3.75" 95mm	7.50" 191mm	8.19" 208mm	5.88" 149mm	7.50" 191mm	4.31" 109mm
3" 80mm	**NPT / BSPT**	13.50" 343mm	3.68" 93mm	8" 203mm	9.25" 235mm	6.63" 168mm	8" 203mm	4.63" 118
	150F	12" 305mm	3.75" 95mm	8" 203mm	9.25" 235mm	6" 152mm	8" 203mm	4" 102mm
	300F	13.25" 337mm	4.13" 105mm	8" 203mm	9.25" 235mm	6.38" 162mm	8" 203mm	4.38" 111mm
	PN10, PN16, PN25, PN40	318mm	100mm	203mm	235mm	162mm	203mm	111mm
4" 100mm	**150F / PN10, PN16, PN25, PN40**	15" 381mm	4.60" 117	9.15" 232mm	10.88" 276mm	7.50" 191mm	9.15" 232mm	5" 127mm
	300F	15.63" 397mm	5.09" 129mm	9.15" 232mm	10.88" 276mm	7.88" 200mm	9.15" 232mm	5.31" 135mm
6" 150mm	**150F / PN10, PN16**	20" 508mm	5.60" 142mm	11.75" 298mm	16.63" 422mm	10" 254mm	11.75" 298mm	6" 152mm
	300F / PN25, PN40	21" 533mm	6.34" 161mm	11.75" 298mm	16.63" 422mm	10.50" 267mm	11.75" 298mm	6.50" 165mm
8" 200mm	**150F / PN10, PN16**	25.38" 645mm	7.63" 194mm	14.91" 379mm	21.63" 549mm	12.75" 324mm	14.91" 379mm	8" 203mm
	300F / PN25, PN40	26.38" 670mm	7.63" 194mm	14.91" 379mm	21.63" 549mm	13.25" 337mm	14.91" 379mm	8.50" 216mm

For Anti-Cavitation (-AC) trim equipped valves please see PG-AC spec sheet