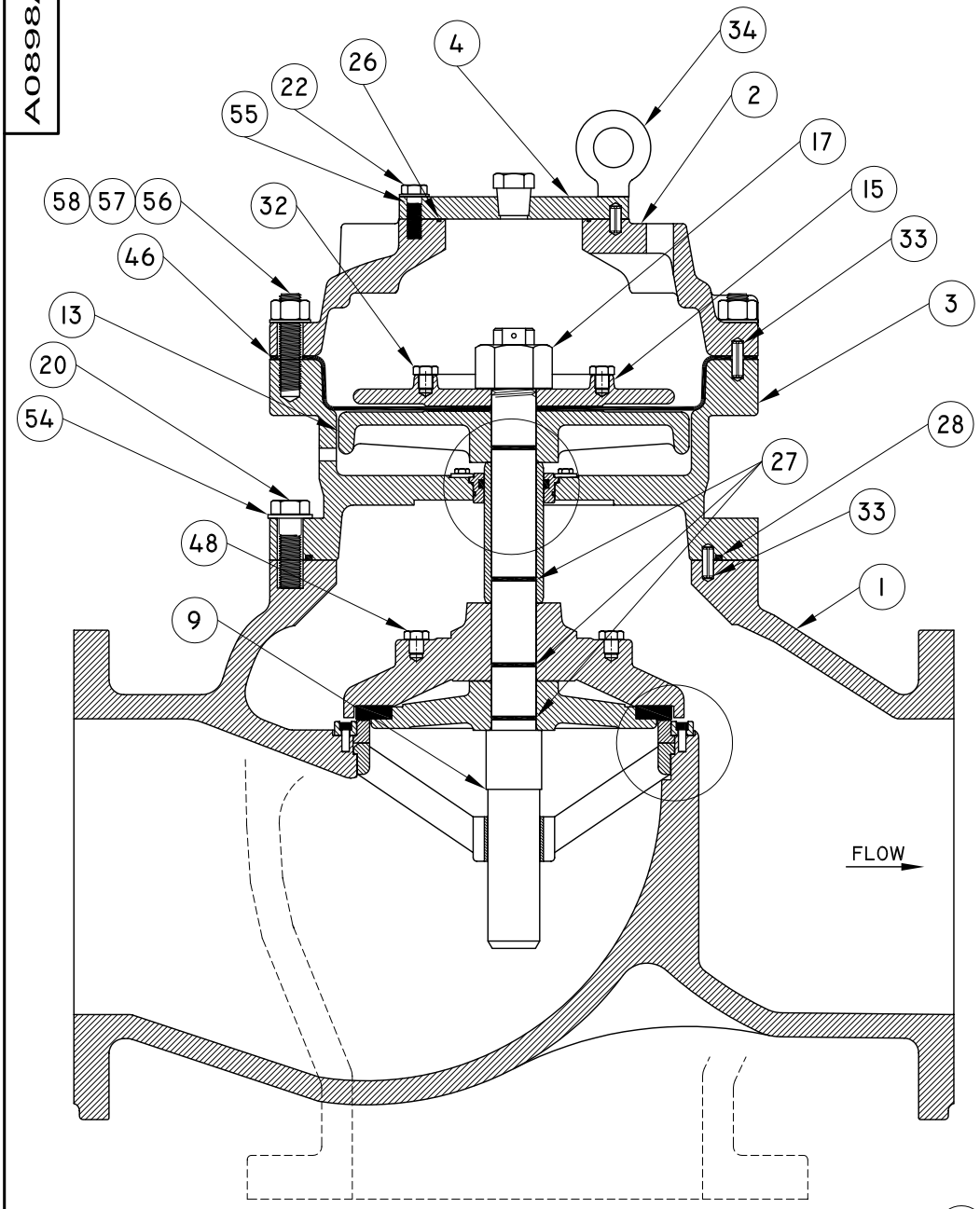
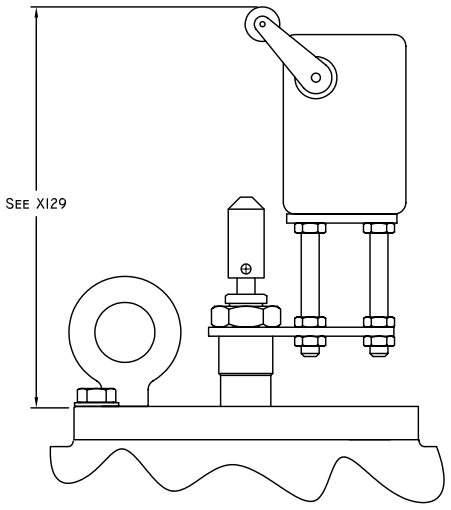
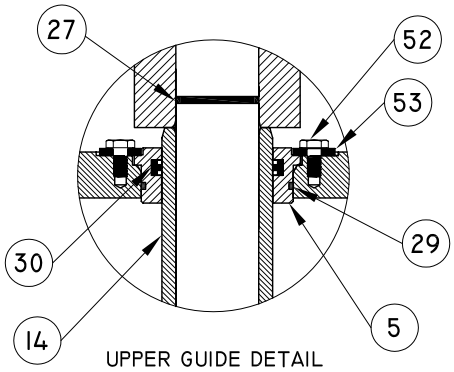
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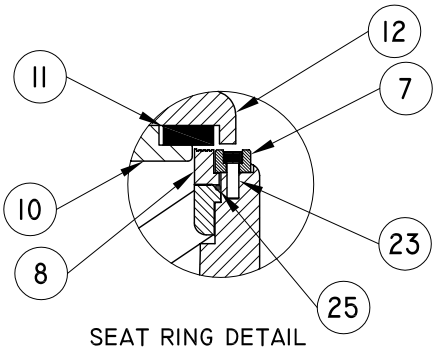




OPTIONAL LIMIT SWITCH



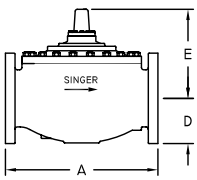
UPPER GUIDE DETAIL

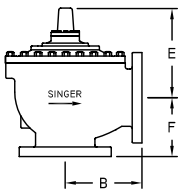


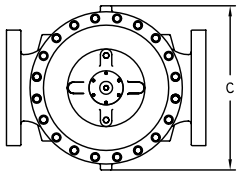
SEAT RING DETAIL

DOUBLE CHAMBER MAIN VALVE

SIZES 10" TO 16" (250MM TO 400MM) S106-PT & SA106-PT
SIZES 12" TO 24" (300MM TO 600MM) S206-PT







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:
April 26, 2006	A0898A

Model S106-PT, SA106-PT & S206-PT

SINGER VALVE
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12850-87th Avenue
Surrey, BC. Canada. V3W 3H9
Ph: 604-594-5404
Fx: 604-594-8845
www.singervalve.com

Material Specifications & Dimensions

10"-16" (250mm-400mm) S106-PT & SA106-PT
12"-24" (300mm-600mm) S206-PT
For Drawing A0898A

Item	Part Name	Material
1	Body	Ductile Iron
2	Bonnet	Ductile Iron
3	Floor Plate Adaptor	Ductile Iron
4	Top Cover	Ductile Iron
5	Upper Guide	Bronze
6	Seat Ring Washer	Stainless Steel
7	Bottom Guide	Ductile Iron &Bronze
8	Seat Ring	Stainless Steel
9	Stem	Stainless Steel
10	Disc Retainer	Cast Iron
11 **	**Resilient Disc**	**EPDM**
12	Inner Valve	Cast Iron
13	Piston	Ductile Iron
14	Stem Sleeve	Stainless Steel
15	Clamp Plate	Ductile Iron
17	Stem Nut	Brass ASTM
20/54	Body Bolts/Nuts/Washers	Stainless Steel
22/55	Top Cover Screw/Washer	Stainless Steel

Item	Part Name	Material
23	Retaining Screw	Stainless Steel
25 **	**Seat Ring Seal**	**Buna-N**
26 **	**Top Cover Seal**	**Buna-N**
27 **	**Stem Seal**	**Buna-N**
28 **	**Floor Plate Seal**	**Buna-N**
29 **	**Upper Guide Seal**	**Buna-N**
30 **	**Stem Seal**	**Buna-N**
32	Clamp Plate Screws	Stainless Steel
33	Locating Pins	Steel
34	Eye Bolt	Steel
46	Diaphragm	EPDM
52	Upper Guide Screw	Stainless Steel
53	Upper Guide Washer	Stainless Steel
56/57/58	Bonnet Stud/Nut/Washer	Stainless Steel

** Recommended spare parts (included in the Rebuild Kit)

S106-PT & SA106-PT		Globe			Globe & Ang	Angle		
		A	D	E	C	B	E	F
10" 250mm	**150F / PN10, PN16**	29.75" 756mm	8.56" 217mm	22.63" 575mm	22.13" 562mm	11.50" 292mm	19.34" 491mm	12.50" 318mm
	300F / PN25, PN40	31.12" 790mm	9.56" 243mm	22.63" 575mm	22.13" 562mm	12.19" 310mm	19.34" 491mm	13.19" 335mm
12" 300mm	**150F / PN10, PN16**	34" 864mm	9.50" 241mm	27" 686mm	26" 660mm	13.75" 349mm	24" 610mm	12.50" 318mm
	300F / PN25, PN40	35.50" 902mm	10.25" 260mm	27" 686mm	26" 660mm	14.50" 368mm	24" 610mm	13.25" 337mm
14" 350mm	**150F / PN10, PN16**	31" 787mm	10.50" 267mm	27" 686mm	26" 660mm	-	-	-
	300F / PN25, PN40	32.50" 826mm	11.50" 292mm	27" 686mm	26" 660mm	-	-	-
16" 400mm	**150F / PN10, PN16**	41.38" 1051mm	11.75" 298mm	32.50" 826mm	32" 813mm	18" 457mm	29.50" 749mm	15.69" 399mm
	300F / PN25, PN40	43.50" 1105mm	12.75" 324mm	32.50" 826mm	32" 813mm	18.81" 478mm	29.50" 749mm	16.50" 419mm

S206-PT		Globe			Globe & Ang	Angle		
		A	D	E	C	B	E	F
12" 300mm	**150F / PN10, PN16**	27.50" 699mm	9.50" 241mm	22.63" 575mm	22.12" 562mm	-	-	-
	300F / PN25, PN40	29" 737mm	10.50" 267mm	22.63" 575mm	22.12" 562mm	-	-	-
16" 400mm	**150F / PN10, PN16**	36" 914mm	11.75" 298mm	27" 686mm	26" 660mm	-	-	-
	300F / PN25, PN40	37.63" 956mm	12.75" 324mm	27" 686mm	26" 660mm	-	-	-
18" 450mm	**150F / PN10, PN16**	42" 1067mm	12.50" 318mm	32.38" 822mm	30.31" 770mm	-	-	-
	300F / PN25, PN40	43.63" 1108mm	14" 356mm	32.38" 822mm	30.31" 770mm	-	-	-
20" 500mm	**150F / PN10, PN16**	45" 1143mm	13.75" 349mm	32.38" 822mm	30.50" 775mm	-	-	-
	300F / PN25, PN40	46.38" 1178mm	15.25" 387mm	32.38" 822mm	30.50" 775mm	-	-	-
24" 600mm	**150F / PN10, PN16**	50.50" 1283mm	16" 406mm	32.38" 822mm	36" 914mm	-	-	-
	300F / PN25, PN40	52.25" 1327mm	18" 457mm	32.38" 822mm	36" 914mm	-	-	-

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