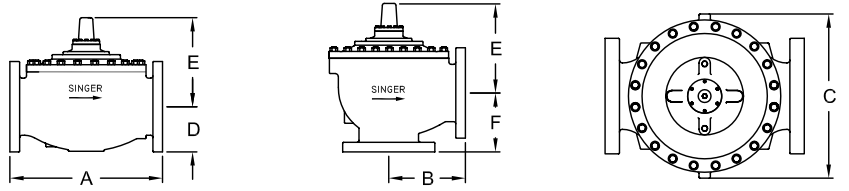


DOUBLE CHAMBER MAIN VALVE

c/w MECHANICAL INTERNAL DROP CHECK (IDC)

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



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Drawn By: Scott Grover	Approved By: Kari Oksanen
Date: February 13, 2006	Drawing: A0899A
Model S106-PTC, SA106-PTC & S206-PTC	

Material Specifications & Dimensions

10"-16" (250mm-400mm) S106-PTC & SA106-PTC
12"-24" (300mm-600mm) S206-PTC
For Drawing A0899A

Item	Part Name	Material	Item	Part Name	Material
1	Body	Ductile Iron	25 **	Seat Ring Seal	Buna-N
2	Bonnet	Ductile Iron	26 **	Top Cover Seal	Buna-N
3	Floor Plate Adaptor	Ductile Iron	27 **	Stem Seal	Buna-N
4	Top Cover	Ductile Iron	28 **	Floor Plate Seal	Buna-N
5	Upper Guide	Bronze	29 **	Upper Guide Seal	Buna-N
6	Bottom Guide	Ductile Iron & Bronze	30 **	Stem Seal	Buna-N
7	Seat Ring Washer	Stainless Steel	31 **	IDC Seal	Buna-N
8	Seat Ring	Stainless Steel	32 **	Inner Valve Seal	Buna-N
9	Stem	Stainless Steel	33	Locating Pins	Steel
10	Disc Retainer	Cast Iron	34	Eye Bolt	Steel
11 **	Resilient Disc	EPDM	46 **	Diaphragm	EPDM
12	Inner Valve	Cast Iron	48	Clamp Plate Screws	Stainless Steel
13	Piston	Ductile Iron	52	Upper Guide Screw	Stainless Steel
15	Clamp Plate	Ductile Iron	53	Upper Guide Washer	Stainless Steel
17	Stem Nut	Brass ASTM			
20	Body Bolts	Stainless Steel			
22	Top Cover Screw	Stainless Steel			
23	Retaining Screw	Stainless Steel			

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

S106-PTC & SA106-PTC		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-PTC		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	-	-	-