



Ratings		
Working Pressure		200 PSI
Test Pressure	SHELL	300 PSI
	SEAT	220 PSI
Working Temperature	NBR	-4 °F to 194 °F
	EPDM	-22 °F to 230 °F

Ref. No.	Description	Material	Qty	Remarks
1	Retaining Plate	ASTM A283D-A36 STEEL	1	Galvanized
2	Retaining Plate Screw	ASTM A283D-A36 STEEL	2	Galvanized
3	Ingress Stem Seal	SAME AS SEAT MATERIAL	1	
4	Stem Bushing	PTFE	4	2 Upper, 2 Lower
5	Body	ASTM A536 65-45-12 DUCTILE IRON	1	
6	Upper Stem	416SS STAINLESS STEEL	1	
7	Seat	EPDM or BUNA	1	
8	Disc	JIS H 5114 ALUMINUM BRONZE	1	
9	Lower Stem	416SS STAINLESS STEEL	1	
10	Plug	ASTM A283D-A36 STEEL	1	
20	Gear Housing	ASTM A126 CAST IRON	1	
21	Gear Drive	ASTM A536 65-45-12 DUCTILE IRON	1	Not Shown
22	Gear Input Shaft	STEEL	1	Nickel Plated
23	Hand Wheel	ASTM A126 CAST IRON	1	
24	Gear Mounting Bolt	ASTM A283D-A36 STEEL	4	Zinc Plated

- NOTE:
1. Valve design in accordance with API 609A, MSS SP-67
  2. Testing in accordance with API 598, MSS SP-61
  3. The laying length of valve conforms to ISO 5752 PN 10/16 SHORT
  4. Dimensions for topworks conform to ISO 5211
  5. Dimensions for mounting flange conform to ANSI B16.1 50 PSI

Size	A	B	ØD	H1	H2	L1	G1	G2	ØC	ØH	N	H3	ØU	P	ØQ	ØS	T	ØV
10"	3.52	9.62	9.72	7.86	10.5	2.68	11.81	8.07	14.25	7/8"-9	12	0.81	4.92	0.79	4.02	0.43	0.87	1
12"	4.28	11.54	11.63	9.47	12.15	3.07	11.81	8.46	17	7/8"-9	12	0.95	4.92	0.79	4.02	0.79	0.87	1.1

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TITLE/DESCRIPTION: Figure 712 Lug Style Resilient Cartridge Seat 10" & 12" Lever Operated

DATE: 7-5-2012 BY: PEA NUMBER: 712\_10-12

REV: 0 APVD: KMC

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