



As of 12/2009, the indicated stem changes (in red) were instituted at the factory. If actuating, verify stem dimensions prior to fabrication.

- NOTE:
1. VALVE DESIGN AND TESTING TO BE IN ACCORDANCE WITH API 609A MSS SP-67 TYPE 1.
 2. THE LAYING LENGTH OF VALVE CONFORMS TO ISO 5752 PN 10/16 SHORT, BS5155 PN 10/16 SHORT.
 3. DIMENSIONS FOR TOPWORKS CONFORM TO ISO 5211.
 4. DIMENSIONS FOR MOUNTING FLANGE CONFORM TO ANSI B16.1 150PSI.

ITEM	DESCRIPTION	MATERIAL	QTY	REMARKS
1	STEM RETAINING PLATE	ASTM A283D-A36, STEEL	1	GALVANIZED
2	RETAINING PLATE SCREW	ASTM A283D-A36, STEEL	2	GALVANIZED
3	O-RING PACKING	EPDM	2	MOLDED IN 1 PIECE
			8 TO 12", MOLDED 1 PIECE	
4	STEM BUSHING	PTFE	4	2 UPPER, 2 LOWER
5	BODY	ASTM A126, CAST IRON	1	
6	UPPER STEM	ASTM A276 SUS 316, STAINLESS	1	
7A	SEAT	EPDM OR BUNA	1	STANDARD
7B	SEAT SUPPORT RING	PHENOL	1	INTEGRAL TO SEAT
8	DISC	ASTM A351 CF8M, STAINLESS	1	
9	LOWER STEM	ASTM A276 SUS 316, STAINLESS	1	
10	PLUG	ASTM A283D-A36, STEEL	1	
13	LEVER STOP PLATE	ASTM A283D-A36, STEEL, NP	1	
14	LEVER	ASTM A47 GRADE 32510, MI	1	
15	LEVER RETAINER WASHER	ASTM A283D-A36, STEEL	1	UP TO 8", ZINC COATED
16	LEVER RETAINER BOLT	ASTM A283D-A36, STEEL	1	UP TO 8", ZINC COATED

FEATURES	
WORKING PRESSURE	255 PSI
TEST PRESSURE	SHELL 382 PSI
	SEAT 281 PSI
WORKING TEMP.	NBR -4°F to 194°F
	EPDM -22°F to 230°F

SIZE	A	B	ØD	E	H1	H2	H3	H4	L1	L2	C	ØH	N	P	ØQ	R	ØS	T	ØU	ØV
5"	1.36	4.80	4.89	6.97	4.69	7.34	0.70	1.06	2.20	11.37	8.50	0.87	8	0.63	2.76	4	0.35	0.55	3.54	0.75
6"	1.86	5.83	5.89	8.19	5.48	7.98	0.75	1.06	2.20	11.37	9.50	0.87	8	0.63	2.76	4	0.35	0.67	3.54	0.87
8"	2.69	7.62	7.70	10.20	6.51	9.34	0.81	1.02	2.36	17.83	11.75	0.87	8	0.67	2.76	4	0.35	0.67	3.54	0.87
10"	3.52	9.65	9.72	12.48	7.86	11.13	0.81	1.02	2.68	17.83	14.25	0.98	12	0.79	4.02	4	0.43	0.87	4.92	1.10
12"	4.28	11.54	11.63	14.61	9.47	12.27	0.95	1.02	3.07	17.83	17.00	0.98	12	0.79	4.02	4	0.43	0.87	4.92	1.10

0.55 (14mm) 0.75 (19mm)
1.00 (25.4mm)