



- NOTE:
1. VALVE DESIGN AND TESTING TO BE IN ACCORDANCE WITH API 609A AND 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.

FEATURES		
WORKING PRESSURE		188 PSI
TEST PRESSURE	SHELL	282 PSI
	SEAT	206.8 PSI
WORKING TEMP.	NBR	-4°F to 194°F
	EPDM	-22°F to 230°F

ITEM	DESCRIPTION	MATERIAL	QTY	REMARKS
1	STEM RETAINING PLATE	ASTM A283D-A36, STEEL	1	GALVANIZED
2	RETAINING PLATE SCREW	ASTM A283D-A36, STEEL	4	GALVANIZED
3	STEM O-RING	ASTM D2000, NBR	1	
4	STEM BUSHING	PTFE	3	2 UPPER, 1 LOWER
4A	LONG STEM BUSHING	ASTM B584 C83600	1	
5	BODY	ASTM A536 65-45-12, DUCTILE IRON	1	
6	UPPER STEM	ASTM A276 SUS 316, STAINLESS	1	
7A	SEAT	EPDM or BUNA	1	
7B	SEAT SUPPORT RING	PHENOL (14") / ALUMINUM (16"-24")	1	INTEGRAL TO SEAT
8	DISC	ASTM A351 CF8M, STAINLESS	1	
9	LOWER STEM	ASTM A276 SUS 316, STAINLESS	1	
11	BOTTOM PLATE	ASTM A536 65-45-12, DUCTILE IRON	1	
11A	BOTTOM PLATE O-RING	ASTM D2000, NBR	1	
12	BOTTOM PLATE SCREW	ASTM A283D-A36, STEEL	2	QTY 4 ON 24"

(Unit: inch)

SIZE	A	B	ØD	E	H1	H2	H3	L1	C	ØH	N	P	ØQ	R	ØS	T	ØU	ØV	W1	W2	X	LBS
14"	5.06	12.68	13.12	17.17	10.51	14.49	2.76	3.00	18.75	1.14	12	X	4.02	4	0.47	1.10	5.51	1.24	0.39	0.20	2.36	115
16"	5.70	14.96	15.34	19.21	12.17	15.75	2.95	3.94	21.25	1.14	16	X	5.51	4	0.71	1.26	7.76	1.49	0.39	0.20	2.36	219
18"	6.47	16.85	17.34	21.22	12.91	16.61	2.95	4.41	22.75	1.26	16	X	5.51	4	0.71	1.50	7.76	1.69	0.47	0.20	2.36	280
20"	7.11	18.62	19.36	23.35	14.21	18.90	3.35	5.13	25.00	1.26	20	X	6.50	4	0.87	1.77	8.27	1.80	0.47	0.20	2.76	457
24"	8.68	22.52	23.33	32.44	18.07	22.13	3.35	5.96	29.50	1.38	20	X	6.50	4	0.87	2.13	8.27	2.13	0.55	0.20	2.76	609