



VALVE SIZE	A	B	C	D	E	F	G	H	BOLT SIZE	NO. OF BOLTS	PLUG SIZES
3	9.5	3.0	3.88	8.28	3/4	6.0	7.5	7.4	5/8	4	3/4" NPT
4	11.5	4.0	4.63	9.25	15/16	7.5	9.0	9.0	5/8	8	1" NPT
6	15.0	6.0	5.88	10.28	1.0	9.5	11.0	10.9	3/4	8	1-1/4" NPT
8	19.5	8.0	7.63	12.28	1-1/8	11.75	13.5	14.2	3/4	8	1-1/4" NPT
10	24.5	10.0	9.88	14.28	1-3/16	14.25	16.0	19.6	7/8	12	
12	27.5	12.0	11.38	15.78	1-1/4	17.0	19.0	21.3	7/8	12	
14	31.0	14.0	13.38	17.78	1-3/8	18.75	21.0	25.8	1.0	12	2-1/2" NPT
16	32.0	16.0	15.38	19.78	1-7/16	21.25	23.5	25.2	1.0	16	

10	4	BOSS COVER BOLTS	<input type="checkbox"/> STEEL <input type="checkbox"/> STN. STEEL	-
9	1	O-RING	RUBBER (BUNA)	D2000 BK 807
8	1	BOSS COVER	DUCTILE IRON	ASTM A-536-GR 65-45-12
7	1	PLUG	DUCTILE IRON	ASTM A-536-GR 65-45-12
6	1	INTERIOR LINING	EPOXY	-
5	AR	CAP BOLTS	<input type="checkbox"/> STEEL <input type="checkbox"/> STN. STEEL	-
4	1	GASKET	RUBBER (BUNA N)	D2000 BK 807
3	1	DISC	STEEL/BUNA-N	ASTM-A36 / D2000 BK 807
2	1	BONNET	DUCTILE IRON	ASTM A-536-GR 65-45-12
1	1	BODY	DUCTILE IRON	ASTM A-536-GR 65-45-12

ITEM	QTY	DESCRIPTION	MATERIAL	ASTM DESIGNATION
1	1	BODY	DUCTILE IRON	ASTM A-536-GR 65-45-12
2	1	BONNET	DUCTILE IRON	ASTM A-536-GR 65-45-12
3	1	DISC	STEEL/BUNA-N	ASTM-A36 / D2000 BK 807
4	1	GASKET	RUBBER (BUNA N)	D2000 BK 807
5	AR	CAP BOLTS	<input type="checkbox"/> STEEL <input type="checkbox"/> STN. STEEL	-
6	1	INTERIOR LINING	EPOXY	-
7	1	PLUG	DUCTILE IRON	ASTM A-536-GR 65-45-12
8	1	BOSS COVER	DUCTILE IRON	ASTM A-536-GR 65-45-12
9	1	O-RING	RUBBER (BUNA)	D2000 BK 807
10	4	BOSS COVER BOLTS	<input type="checkbox"/> STEEL <input type="checkbox"/> STN. STEEL	-

DATE	REVISIONS	BY	TITLE
03/11	ADDED SEE DRAWING NOTE	RR	3"-16" FIG. 851A
07/11	DIM. CHANGE IN COLUMN "D" [EOR# 532]	AA	FLEX CHECK
11/11	ADDED DIMENSION "H" & TOP VIEW [EOR# 581]	JC	WITH INDICATOR BOSS
08/13	REMOVED CLASS 150 FROM TITLE ADDED 250 PSI RATING TO NOTES	AA	
08/14	ADDED MATERIAL CHECK BOX FOR BOLTING	AA	

ISSUE NUM.	3
DATE	12/06/10
BY:	JC
CHK'D BY:	JC
DATE:	12/06/10
SCALE:	NONE
DIMENSION:	INCHES
DWG. NO.:	MSS50634

NOTES:
 1- FLANGES ARE PER ANSI B16.1 CLASS 125/150 FLAT FACED.
 2- SEE DRAWING MSS0644 FOR 2", 2 1/2", 18" TO 24" DIMENSION.
 3- RATED PRESSURE IS 250 PSI.