



NOTES:  
The figure 909 can not be used on a pipe or flange with an inside diameter less than the "E" dimension.

API Standard 609

VALVE DIMENSIONS

Size	A	B	C	D	E	F	G	H	K	Keyway	Weight	Top Plate Drilling		
												Bolt Circle	No. of Holes	Hole Dia.
2"	2	4 1/8	3 15/16	1 5/8	1 3/8	4	1 1/4	9/16	3/8	-	6	3 1/4	4	7/16
2.5"	2 1/2	4 3/16	4 1/2	1 3/4	2 1/16	4	1 1/4	9/16	3/8	-	8	3 1/4	4	7/16
3"	3	5 3/8	4 7/8	1 3/4	2 9/16	4	1 1/4	9/16	3/8	-	9	3 1/4	4	7/16
4"	4	6 3/4	6	2	3 5/8	4	1 1/4	5/8	7/16	-	11	3 1/4	4	7/16
5"	5	7 3/4	6	2 1/8	4 3/4	4	1 1/4	3/4	1/2	-	15	3 1/4	4	7/16
6"	5 3/4	8 3/4	6 1/2	2 1/8	5 1/2	4	1 1/4	3/4	1/2	-	17	3 1/4	4	7/16
8"	7 3/4	10 7/8	8 5/16	2 1/2	7 1/2	6	1 1/4	7/8	5/8	-	29	5	4	9/16
10"	9 3/4	13 1/4	9	2 1/2	9 19/32	6	2	1 1/8	-	1/4x1/8	44	5	4	9/16
12"	11 3/4	16 1/16	10 23/32	3	11 9/16	6	2	1 1/8	-	1/4x1/8	85	5	4	9/16

Item No.	Name	No. Req'd	Material	Remarks	SUBASSEMBLY PART NUMBER						
					Trim	Part	Size	Figure No.	Style		
1	Top Body	1			<p align="center"><b>ABZ MANUFACTURING, Inc.</b> 2"-12" Figure 909 Valve Standard Wafer Pattern</p> <p>BODY: Split w/360° Top Plate DISC: Stem-Disc Assembly w/Flats/Keyway SEAT: Elastomer</p>						
2	Bottom Body	1									
3	Disc-Stem	1									
4	Seat	1									
5	Bushing	1									
6	Seal	2									
7	Side Bolts	2									
8	Key	1									
9	O-ring	2									
					BY	DATE	DESCRIPTION	DATE:	07-02-04	DRAWING NO.	ED 909

