



NOMINAL PIPE SIZE	A PIPE O.D.	B MAXIMUM BELL O.D. CLEARED	C MAX. RESTRAINT O.D. (CASING CLEARED)	D OVER ALL LENGTH	THRUST BOLT (NUMBER-SIZE)
4"	4.80"	6.75"	9.25"	13"	2- 3/4" x 13"
6"	6.90"	8.75"	11.25"	18"	2- 3/4" x 18"
8"	9.05"	12.25"	14.75"	18"	2- 3/4" x 18"
10"	11.10"	14.20"	16.85"	22"	4- 3/4" x 22"
12"	13.20"	16.90"	19.45"	22"	4- 3/4" x 22"

## SPECIFICATIONS

RESTRAINT FOR PVC PIPE BELL (AWWA C900) SHALL CONSIST OF THE FOLLOWING:

THE RESTRAINT SHALL BE MANUFACTURED OF DUCTILE IRON CONFORMING TO ASTM A536. A SPLIT RING SHALL BE UTILIZED BEHIND THE PIPE BELL. A SERRATED RING SHALL BE USED TO GROUP THE PIPE AND A SUFFICIENT NUMBER OF BOLTS SHALL BE USED TO CONNECT THE BELL RING AND THE GRIPPING RING. THE COMBINATION SHALL HAVE A MINIMUM WORKING PRESSURE RATING EQUIVALENT TO THE PIPE.

### PRESSURE RATING (C900)

NOMINAL PIPE SIZE	DR14 CLASS 200	DR18 CLASS 150
4"	305	235
6"	305	235
8"	305	235
10"	305	235
12"	305	235

REVISION	BY	DATE	<b>MECHANICAL JOINT RESTRAINT STANDARD DETAILS</b>	
CITY OF JENKS, OKLAHOMA			ENGINEERING DEPARTMENT	
DATE: 4-11-22		STANDARD NO. WAT-03		