

Fig. 175

Roller Chair

Size Range: 2" through 30" pipe

Material: Cast iron roll, steel chair, roll rod, bolts and hex nuts

Finish: ☐ Plain, ☐ Hot-Dip Galvanized Chair with Zinc Plated Parts or

☐ Resilient Coated

Maximum Temperature: 400° F at roller, 300° F at resilient coated roller.

Service: For support of pipe where longitudinal movement due to expansion and contraction may occur, but where no vertical adjustment is required.

Approvals: Complies with Federal Specification A-A-1192A (Type 44), WW-H-171-E (Type 45), ANSI/MSS SP-69 and MSS SP-58 (Type 44).

Installation: Two bolts and nuts provide anchorage to floor or top of steel beam or bracket or chair may be welded to supporting steel.

Features: Advantages of pipe rollers with a protective resilient coated covering.

- Non conductive pipe rollers - prevent the passing of current from pipeline to structure.
- Corrosion resistant - for protection against severe weather conditions, moderate corrosive conditions such as marine atmospheres and weather resistant to ultra-violet radiation.
- Low coefficient of friction between pipe and resilient coated pipe roller.

How to size:

- (1) If roll is to support bare pipe, select the size directly from nominal pipe size (see below).
- (2) If used with pipe covering protection saddle, see Figure 160 to Figure 166A for size of pipe roll.
- (3) If roll is to support covered pipe, the O.D. of the covering should not be greater than the O.D. of the pipe for which the roll was designed.

Ordering: Specify size of roll, figure number, name and finish. Be certain to order oversized rolls when insulation and protection saddles are required.

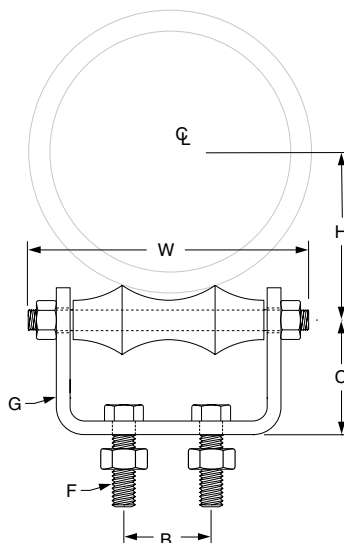


FIG. 175: DIMENSIONS (IN) • LOADS (LBS) • WEIGHT (LBS)

Pipe Size	Max Load	Wgt.	W	B	C	F	G Width	H	
2	600	1.1	4	1¼	1½	¾ x 1½	1¼	1⅝	
2½	660	1.4	4⅞		1⅝			1⅞	
3	700	1.6	5⅜		1¾			2¼	
3½	750	2.6	6⅛	2	2⅛	½ x 1½	1½	2⅞	
4		2.9	6⅝		2⅝			2⅞	
5		3.7	7⅞		3			2½	3⅞
6	1,070	5.9	9¼	3⅛	2¾	½ x 1½	2	4	
8	1,350	9.0	11⅝	3⅜	3			⅝ x 1½	5⅞
10	1,730	13.8	14⅜	5¼	3⅝			⅝ x 2	6⅜
12	2,400	18.9	16⅞	5½	4⅞	7⅞			
14	3,130	28.07	18¾	6½	4⅞	¾ x 2	2½	8⅜	
16	3,970	34.93	21	8¼	5⅜	¾ x 2½	3	9⅜	
18	4,200	44.35	23⅞	9¼	6			10⅞	
20	4,550	56.34	24⅝	10¼	6½			11⅝	
24	6,160	87.52	29⅞	12¼	7⅞	⅞ x 3½	4	14	
30	7,290	151.25	34⅞	15⅜	8¾		6	17⅞	

DI/CI ROLL SIZING

DI/CI Pipe Size	Fig. 175 Roller Size
3	4
4	5
6	6
8	8
10	10
12	14
14	16
16	18
18	20
20	24
24	30
30	No Recom.

PROJECT INFORMATION

APPROVAL STAMP

Project:	☐ Approved
Address:	☐ Approved as noted
Contractor:	☐ Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	