

Fig. 177

Adjustable Pipe Roll Support

Size Range: 1" through 30"

Material: Cast iron roll and sockets; steel roll rod, continuous thread rods and hex nuts

Finish: ☐ Plain, ☐ Galvanized or ☐ Resilient Coated

Service: For support of pipe where longitudinal movement due to expansion and contraction will occur and where vertical adjustment up to 6" may be necessary.

Maximum Temperature: 450° F at roller, 300° F at Resilient coated roller.

Approvals: Complies with Federal Specification A-A-1192A (Type 41), WW-H-171-E (Type 42), ANSI/MSS SP-69 and MSS SP-58 (Type 41).

Installation: Normally used directly above steel beams, brackets angles, etc.

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 page 118 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 and name. Be certain to order oversized rolls when insulation and protection saddles makes this necessary.

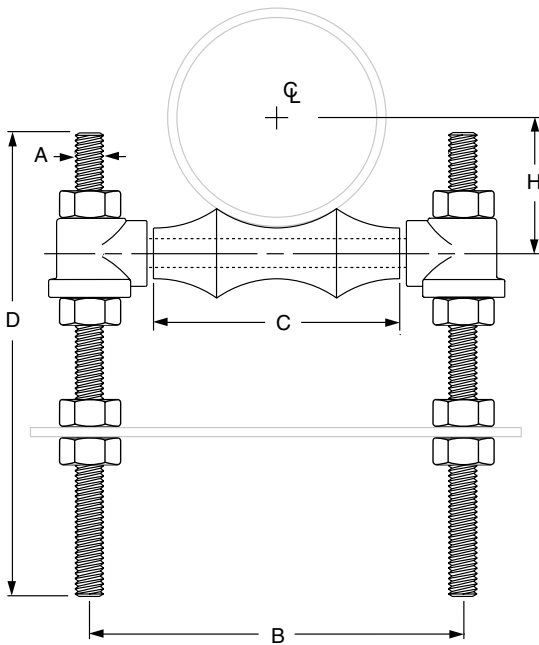


FIG. 177: WEIGHT (LBS) • DIMENSIONS (IN)

| Pipe Size | Weight | A | B | C | D | H |
|-----------|--------|-------|----------|---------|----|---------|
| 1 | 1.1 | 3/8 | 3 | 1 1/2 | 12 | 1 1/16 |
| 1 1/4 | 1.2 | | 3 3/8 | 1 7/8 | | 1 1/4 |
| 1 1/2 | 1.2 | | 3 5/8 | 2 1/8 | | 1 3/8 |
| 2 | 1.3 | 1/2 | 4 1/8 | 2 5/8 | | 1 5/8 |
| 2 1/2 | 2.3 | | 4 7/8 | 3 1/8 | | 1 15/16 |
| 3 | 2.4 | | 5 1/2 | 3 3/4 | | 2 1/4 |
| 3 1/2 | 2.7 | 5/8 | 6 1/8 | 4 1/4 | | 2 9/16 |
| 4 | 3.8 | | 6 7/8 | 4 3/4 | | 2 13/16 |
| 5 | 4.7 | | 8 1/16 | 5 13/16 | | 3 1/16 |
| 6 | 7.6 | 3/4 | 9 9/16 | 6 7/8 | | 4 |
| 8 | 11.0 | | 11 15/16 | 8 7/8 | | 5 5/8 |
| 10 | 13.7 | | 14 1/16 | 11 | | 6 3/8 |
| 12 | 19.4 | 7/8 | 15 13/16 | 12 1/2 | | 7 7/16 |
| 14 | 31.2 | | 17 3/4 | 14 1/4 | | 8 3/8 |
| 16 | 42.5 | | 19 3/4 | 16 1/4 | | 9 7/16 |
| 18 | 46.6 | 1 | 21 7/8 | 18 1/4 | 18 | 10 1/2 |
| 20 | 66.2 | | 24 1/4 | 20 1/4 | | 11 5/8 |
| 24 | 102.5 | | 28 7/8 | 24 1/4 | | 14 |
| 30 | 186.8 | 1 1/2 | 35 1/2 | 30 1/4 | 24 | 17 7/16 |

DI/CI ROLL SIZING

| DI/CI Pipe Size | Fig. 177 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

| | |
|-----------------|--|
| Project: | <input type="checkbox"/> Approved <input type="checkbox"/> Approved as noted <input type="checkbox"/> Not approved Remarks: |
| Address: | |
| Contractor: | |
| Engineer: | |
| Submittal Date: | |
| Notes 1: | |
| Notes 2: | |

APPROVAL STAMP