

Fig. 271: Complete

Pipe Roll Stand

Size Range: 2" through 42"

Material: Cast iron roll and stand

Finish: Plain, Galvanized or Resilient Coated

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

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

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:

- (1) Two cored holes for anchorage bolts are provided on all sizes for fastening stands to structural supports, piers, floors, etc.
- (2) In addition, cored holes "N" at the four corners of the stand are provided for anchorage purposes.
- (3) The two cored holes on sizes 2" to 6" are on outside of stand (see dotted lines and dimension J').
- (4) On all other sizes, the holes are inside of uprights (see dimension J).

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:

- If roll is to support bare pipe, select the size directly from nominal pipe size (see below).
- If used with pipe covering protection saddle, see page 123 for size of pipe roll.

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

Note: Refer to Fig. 75 SD and 76 SD for additional pipe roll designs.

Standard line of carbon steel base plates available.

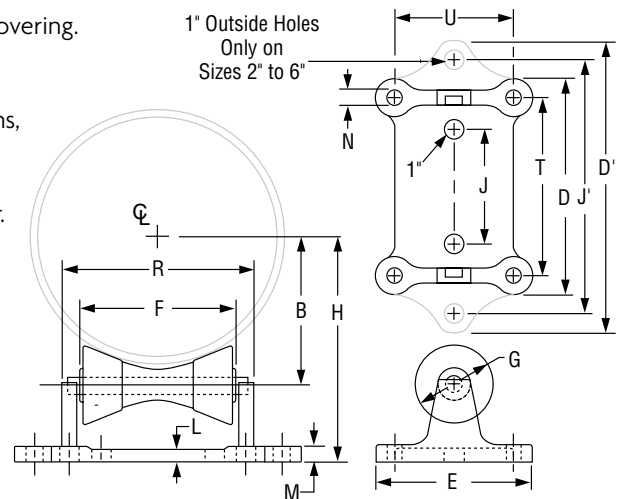


FIG. 271: WEIGHT (LBS) • LOADS (LBS) • DIMENSIONS (IN)																	
Pipe Size	Max Load	Weight	H	B	D	D'	E	F	G	J	J'	L	M	N	R	T	U
2	390	6.4	3½	1¾	—	8¾	5¾	2¾	1⅞	—	6¾	⅞	11/16	½	4	37/16	4
2½			3⅞	2½	—					—							
3			4⅞	2¾	—					—							
3½			4¾	2⅝	—					—							
4	950	8.9	4 ¹³ / ₁₆	2¾	—	9⅞	5⅝	3¾	2 ¹ / ₁₆	—	7⅞	¾	7/8	5/8	7¾	7	5
5			5 ⁷ / ₁₆	3¾	—					—							
6			6 ¹ / ₁₆	4	—					—							
8	2,100	15.3	8 ¹¹ / ₁₆	5¼	8¾	—	6¾	6	3¾	4	—	¾	7/8	5/8	7¾	7	5
10			9 ¹³ / ₁₆	6¾		—					—						
12	3,075	28.1	11¾	7½	10 ¹⁵ / ₁₆	—	7¾	8	4	5¾	—	¾	1	¾	9⅞	9 ¹ / ₁₆	6
14			12	8½		—					—						
16			13¾	9¾		—					—						
18			14¾	10¾		12¾					8¾						
20	15¾	11¾	—	—													
24	6,100	49.6	17¾	13¾	13½	—	10¾	12½	5½	10	—	1	1⅞	12½	11¾	8	
30	7,500	99.3	21¾	16¾	17	—					10¾						12½
36	12,000	152.0	25¾	20	20	—	12	15	6¾	12	—	1½	1¾	15/16	18¾	17	9
42			28¾	23¾	—	—											

DI/CI ROLL SIZING	
DI/CI Pipe Size	Fig. 271 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	N/A

Straps
Pipe Supports
Trapeze
Pipe Shields & Saddles
Pipe Roll
Pipe Guides & Slides
Sway Brace Seismic
Spring Hangers
Constant Supports
Vibration Control & Sway Brace
Sway Strut Assembly
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