

Fig. 271: Complete

Pipe Roll Stand

Size Range: 2" through 42"
Material: Cast iron roll and stand
Finish: ☐ Plain, ☐ Zinc Plated (Hot-Dip Galvanized optional) 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: 400° 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 Figure 160 to Figure 166A 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.**

Continued on Following Page.

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

Fig. 271: Complete

Pipe Roll Stand (cont.)

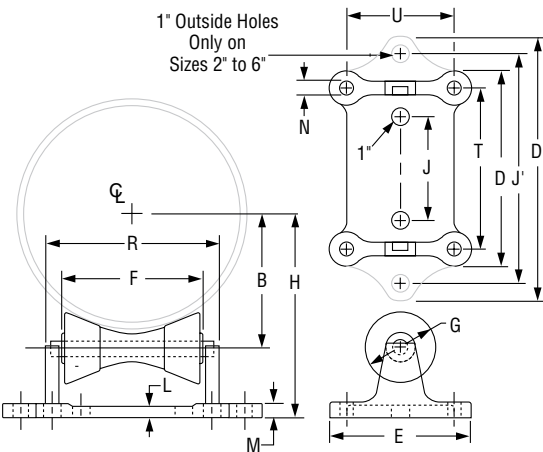


FIG. 271: DIMENSIONS (IN) • WEIGHT (LBS) • LOADS (LBS)																	
Pipe Size	Max Load	Weight	H	B	D	D'	E	F	G	J	J'	L	M	N	R	T	U
2	390	6.4	3½	1¾	—	8¾	5¾	2¾	1⅞	—	6¾	9/16	11/16	½	4	3⅞	4
2½			3⅞	2⅛	—					—							
3			4⅛	2⅜	—					—							
3½			4¾	2⅝	—					—							
4	950	8.9	4⅓/16	2¾	—	9⅞	5⅝	3¾	2⅛/16	—	7⅞	¾	7/8	5/8	4⅛/16	4¼	
5			5⅞/16	3⅝	—					—							
6			6⅛/16	4	—					—							
8	2,100	15.3	8⅛/16	5¼	8⅝	—	6⅝	6	3¼	4	—	¾	7/8	5/8	7¾	7	5
10			9⅓/16	6⅜		—					—						
12	3,075	28.1	11⅜	7½	10⅓/16	—	7⅞	8	4	5¾	—	¾	1	¾	9⅞	9⅛/16	6
14			12	8⅛		—					—						
16	4,980	39.7	13⅝	9⅝	12⅝	—	8⅝	9	4½	6¾	—	7/8	1	13/16	11¼	10¼	6½
18			14⅝	10⅝		—					—						
20			15⅝	11⅝		—					—						
24	6,100	49.6	17¾	13⅝	13½	—	10¾	12½	5½	10	—	1¼	1½	1⅛/16	15¾	14¼	8
30	7,500	99.3	21⅞	16¾	17	—					—						
36	12,000	152.0	25¾	20	20	—					—						
42			28⅞	23⅞	—	—					—						

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