



PIPE ROLLER SUPPORTS

Fig. 490
PIPE ROLLER
WITH SOCKETS

FUNCTION: Designed to suspend pipe in applications where horizontal movement, due to expansion and contraction, will occur.

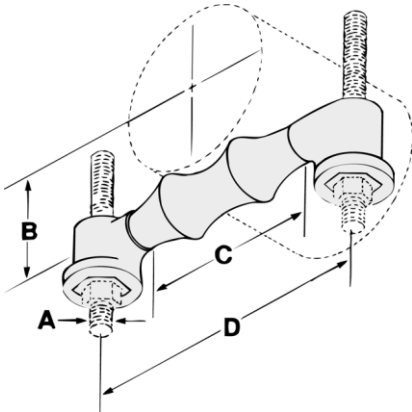
APPROVALS: Complies with Federal Specifications A-A-1192A (Type 41) and Manufacturers' Standardization Society ANSI/SP-69 and SP-58 (Type 41).

MATERIAL: Cast iron pipe roller and sockets with low carbon steel axle

FINISH: Plain or Electro-galvanized

SIZING: Pipe roller size shown is for bare pipe. For proper sizing with insulation, refer to pipe roller selection guide on page 49, which is for use with pipe covering protection saddles.

ORDERING: Specify pipe roller size and figure number.



“B” Center of axle
to center of pipe.

Pipe Roller Size		Rod Size A	B*		C		D		Max. Rec. Load		Wt. Each	
									lbs.	kN	lbs.	kg
1	(25)	3/8	1	(25.40)	1 1/2	(38.10)	3	(76.20)	600	(2.67)	.44	(.20)
1 1/4	(32)	3/8	1 1/4	(31.75)	1 7/8	(47.63)	3 1/2	(88.90)	600	(2.67)	.48	(.22)
1 1/2	(40)	3/8	1 3/8	(34.93)	2 1/8	(53.98)	3 5/8	(92.08)	600	(2.67)	.50	(.23)
2	(50)	3/8	1 5/8	(41.28)	2 7/8	(73.03)	4 1/2	(114.30)	600	(2.67)	.57	(.26)
2 1/2	(65)	1/2	2	(50.80)	3 1/8	(79.38)	5 1/16	(128.59)	660	(2.94)	.98	(.44)
3	(80)	1/2	2 1/4	(57.15)	3 3/4	(95.25)	5 9/16	(141.29)	700	(3.11)	1.10	(.50)
3 1/2	(90)	1/2	2 5/8	(66.68)	4 1/4	(107.95)	6 1/16	(153.99)	750	(3.34)	1.36	(.62)
4	(100)	5/8	2 3/4	(69.85)	4 3/4	(120.65)	6 3/4	(171.45)	750	(3.34)	1.62	(.73)
5	(125)	5/8	3 1/2	(88.90)	5 3/4	(146.05)	8 3/8	(212.73)	750	(3.34)	2.60	(1.18)
6	(150)	3/4	4	(101.60)	6 7/8	(174.63)	9 7/8	(250.83)	1070	(4.76)	4.42	(2.00)
8	(200)	7/8	5 1/8	(130.18)	8 7/8	(225.43)	12	(304.80)	1350	(6.01)	7.20	(3.27)
10	(250)	7/8	6 3/8	(161.93)	11	(279.40)	14	(355.60)	1730	(7.70)	9.50	(4.31)
12	(300)	7/8	7 1/2	(190.50)	13	(330.20)	16 1/2	(419.10)	2400	(10.68)	16.00	(7.26)
14	(350)	1	8 3/8	(212.73)	14 3/8	(365.13)	17 3/4	(450.85)	3130	(13.92)	24.20	(10.98)
16	(400)	1	9 1/2	(241.30)	16 3/8	(415.93)	20 3/4	(527.05)	3970	(17.66)	31.80	(14.42)
18	(450)	1	10 1/2	(266.70)	18 3/8	(466.73)	22 3/8	(568.33)	4200	(18.68)	35.15	(15.94)
20	(500)	1 1/4	11 5/8	(295.28)	20 3/8	(517.53)	24 1/2	(622.30)	4550	(20.24)	47.00	(21.32)
24	(600)	1 1/2	14	(355.60)	24 3/8	(619.13)	28 13/16	(731.84)	6160	(27.40)	76.20	(34.56)
30	(750)	1 1/2	17 1/2	(444.50)	30 3/8	(771.53)	35	(889.00)	7290	(32.43)	130.00	(58.97)

*Due to the inconsistent dimensions associated with cast parts, please contact the factory if the "B" dimension is critical for installation.

Unless otherwise specified, all dimensions on drawings and in charts are in inches and dimensions shown in parentheses are in millimeters.