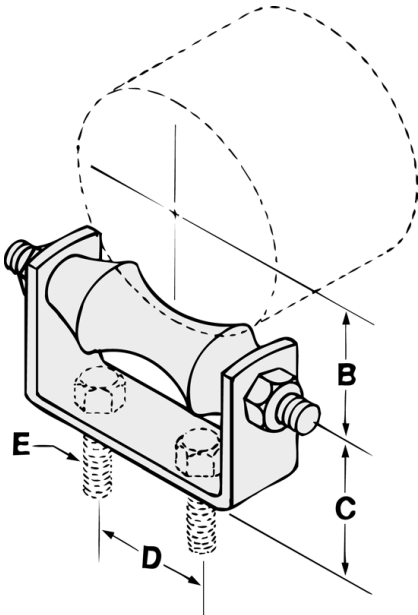




# PIPE ROLLER SUPPORTS

**Fig. 460**  
**PIPE ROLLER CHAIR**



**FUNCTION:** Designed for supporting pipe in applications where horizontal movement, due to expansion and contraction, will occur but vertical adjustment is not necessary. The chair can be welded directly to the steel structure or secured in place through bolt holes.

**APPROVALS:** Complies with Federal Specifications A-A-1192A (Type 44) and Manufacturers' Standardization Society ANSI/SP-69 and SP-58 (Type 44).

**MATERIAL:** Cast iron pipe roller with low carbon steel chair, axle and hex nuts.

**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. Order mounting bolts separately.

"B" Center of axle  
to center of pipe

Available in stainless steel.  
To order, specify 304 or 316 and add  
suffix SS to figure number.  
Price on request.

Pipe Roller Size		B		C		D		Recommended Bolt Size (Not included) E	Max. Rec. Load		Wt. Each	
									lbs.	kN	lbs.	kg
2	(50)	1 <sup>5</sup> / <sub>8</sub>	(41.28)	1 <sup>1</sup> / <sub>2</sub>	(38.10)	1 <sup>1</sup> / <sub>4</sub>	(31.75)	<sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	300	(1.33)	.90	(.41)
2 <sup>1</sup> / <sub>2</sub>	(65)	2	(50.80)	1 <sup>5</sup> / <sub>8</sub>	(41.28)	1 <sup>1</sup> / <sub>4</sub>	(31.75)	<sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	600	(2.67)	1.19	(.54)
3	(80)	2 <sup>1</sup> / <sub>4</sub>	(57.15)	1 <sup>3</sup> / <sub>4</sub>	(44.45)	2	(50.80)	<sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	600	(2.67)	1.48	(.67)
3 <sup>1</sup> / <sub>2</sub>	(90)	2 <sup>5</sup> / <sub>8</sub>	(66.68)	2	(50.80)	2	(50.80)	<sup>3</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	600	(2.67)	2.44	(1.11)
4	(100)	2 <sup>3</sup> / <sub>4</sub>	(69.85)	2 <sup>1</sup> / <sub>4</sub>	(57.15)	2	(50.80)	<sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>2</sub>	700	(3.11)	2.85	(1.29)
5	(125)	3 <sup>1</sup> / <sub>2</sub>	(88.90)	2 <sup>1</sup> / <sub>2</sub>	(63.50)	3	(76.20)	<sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>2</sub>	700	(3.11)	3.75	(1.70)
6	(150)	4	(101.60)	2 <sup>3</sup> / <sub>4</sub>	(69.85)	3 <sup>1</sup> / <sub>4</sub>	(82.55)	<sup>1</sup> / <sub>2</sub> x 1 <sup>1</sup> / <sub>2</sub>	1000	(4.45)	5.76	(2.61)
8	(200)	5 <sup>1</sup> / <sub>8</sub>	(130.18)	3	(76.20)	3 <sup>3</sup> / <sub>8</sub>	(85.73)	<sup>5</sup> / <sub>8</sub> x 1 <sup>1</sup> / <sub>2</sub>	1300	(5.78)	8.10	(3.67)
10	(250)	6 <sup>3</sup> / <sub>8</sub>	(161.93)	3 <sup>5</sup> / <sub>8</sub>	(92.08)	5 <sup>1</sup> / <sub>4</sub>	(133.35)	<sup>5</sup> / <sub>8</sub> x 2	1700	(7.56)	12.28	(5.57)
12	(300)	7 <sup>1</sup> / <sub>2</sub>	(190.50)	4 <sup>1</sup> / <sub>8</sub>	(104.78)	5 <sup>1</sup> / <sub>2</sub>	(139.70)	<sup>5</sup> / <sub>8</sub> x 2	2300	(10.23)	20.54	(9.32)
14	(350)	8 <sup>3</sup> / <sub>8</sub>	(212.73)	4 <sup>11</sup> / <sub>16</sub>	(119.06)	6 <sup>1</sup> / <sub>2</sub>	(165.10)	<sup>3</sup> / <sub>4</sub> x 2	3100	(13.79)	25.63	(11.63)
16	(400)	9 <sup>1</sup> / <sub>2</sub>	(241.30)	5 <sup>3</sup> / <sub>8</sub>	(136.53)	8 <sup>1</sup> / <sub>4</sub>	(209.55)	<sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>2</sub>	3900	(17.35)	37.38	(16.96)
18	(450)	10 <sup>1</sup> / <sub>2</sub>	(266.70)	6	(152.40)	9 <sup>1</sup> / <sub>4</sub>	(234.95)	<sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>2</sub>	4200	(18.68)	45.26	(20.53)
20	(500)	11 <sup>5</sup> / <sub>8</sub>	(295.28)	6 <sup>3</sup> / <sub>8</sub>	(161.93)	10 <sup>3</sup> / <sub>8</sub>	(263.53)	<sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>2</sub>	4500	(20.02)	52.35	(23.75)
24	(600)	14	(355.60)	7 <sup>7</sup> / <sub>8</sub>	(200.03)	12 <sup>1</sup> / <sub>4</sub>	(311.15)	<sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>2</sub>	6000	(26.69)	88.00	(39.92)
30	(750)	17 <sup>1</sup> / <sub>4</sub>	(438.15)	9 <sup>5</sup> / <sub>8</sub>	(244.93)	15 <sup>3</sup> / <sub>8</sub>	(390.53)	<sup>7</sup> / <sub>8</sub> x 3 <sup>1</sup> / <sub>2</sub>	7290	(32.43)	147.5	(66.9)

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