



PIPE ROLLER SUPPORTS

Fig. 480 & 480D ADJUSTABLE PIPE ROLLER SUPPORT

Fig. 480 SINGLE PIPE ROLLER
Fig. 480D DOUBLE PIPE ROLLER

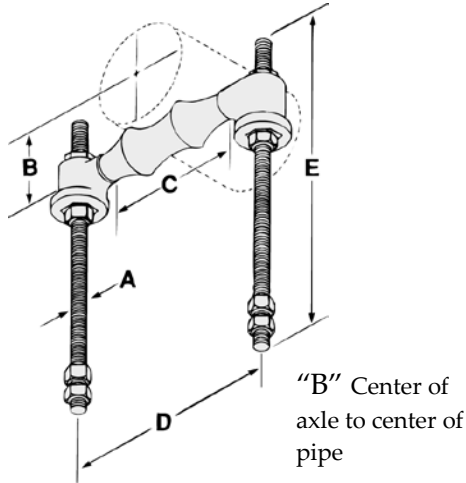


Fig. 480

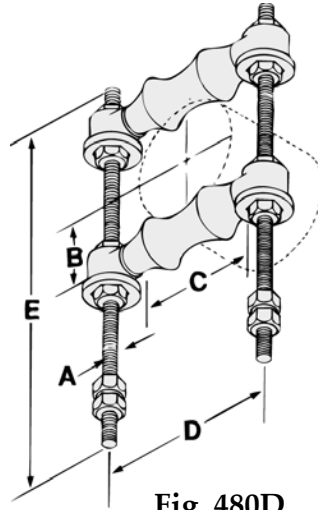


Fig. 480D

FUNCTION: Designed to support pipe in applications where horizontal movement, due to expansion and contraction, will occur and a vertical adjustment of up to 6 inches (152.4) may be required. Fig. 480D is designed for supporting and guiding pipe where longitudinal movement and vertical adjustment are required.

APPROVALS: Fig. 480 only, 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 rods, axles 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. Shipped with rods and nuts unassembled.

Pipe Roller Size		Rod Size A	B*		C		D		E				Max. Rec. Load		Wt. Each			
															480		480D	
									lbs.	kN	lbs.	kg	lbs.	kg				
2	(50)	3/8	15/8	(41.28)	27/8	(73.03)	41/2	(114.30)	71/4	(184.15)	12	(304.8)	600	(2.67)	1.25	(.57)	3.26	(1.48)
21/2	(65)	1/2	2	(50.80)	31/8	(79.38)	51/16	(128.59)	8	(203.20)	14	(355.6)	600	(2.67)	2.25	(1.02)	4.65	(2.11)
3	(80)	1/2	21/4	(57.15)	33/4	(95.25)	59/16	(141.29)	8	(203.20)	14	(355.6)	700	(3.11)	2.36	(1.07)	5.01	(2.27)
31/2	(90)	1/2	25/8	(66.68)	41/4	(107.95)	61/16	(153.99)	8	(203.20)	14	(355.6)	750	(3.34)	2.60	(1.18)	5.25	(2.38)
4	(100)	5/8	23/4	(69.85)	43/4	(120.65)	63/4	(171.45)	9	(228.60)	18	(457.2)	750	(3.34)	3.65	(1.66)	7.57	(3.43)
5	(125)	5/8	31/2	(88.90)	53/4	(146.05)	83/8	(212.73)	9	(228.60)	18	(457.2)	750	(3.34)	4.59	(2.08)	8.72	(3.96)
6	(150)	3/4	4	(101.60)	67/8	(174.63)	97/8	(250.83)	10	(254.00)	24	(609.6)	1070	(4.76)	7.50	(3.40)	16.87	(7.65)
8	(200)	7/8	51/8	(130.18)	87/8	(225.43)	12	(304.80)	10	(254.00)	24	(609.6)	1350	(6.01)	11.00	(4.99)	22.77	(10.33)
10	(250)	7/8	63/8	(161.93)	11	(279.40)	14	(355.60)	11	(279.40)	30	(762.0)	1730	(7.70)	13.68	(6.21)	28.30	(12.84)
12	(300)	7/8	71/2	(190.50)	13	(330.20)	161/2	(419.10)	11	(279.40)	30	(762.0)	2400	(10.68)	19.30	(8.75)	38.17	(17.31)
14	(350)	1	83/8	(212.73)	143/8	(365.13)	173/4	(450.85)	12	(304.80)	36	(914.4)	3130	(13.92)	31.20	(14.15)	64.13	(29.09)
16	(400)	1	91/2	(241.30)	163/8	(415.93)	203/4	(527.05)	18	(457.20)	--	--	3970	(17.66)	42.40	(19.23)	--	--
18	(450)	1	101/2	(266.70)	183/8	(466.73)	223/8	(568.33)	18	(457.20)	--	--	4200	(18.68)	46.55	(21.11)	--	--
20	(500)	11/4	115/8	(295.28)	203/8	(517.53)	241/2	(622.30)	18	(457.20)	--	--	4550	(20.24)	66.00	(29.94)	--	--
24	(600)	11/2	14	(355.60)	243/8	(619.13)	2813/16	(731.84)	24	(609.60)	--	--	6160	(27.40)	102.50	(46.49)	--	--
30	(750)	11/2	171/2	(444.50)	303/8	(771.53)	35	(889.00)	24	(609.60)	--	--	7290	(32.43)	186.80	(84.73)	--	--

*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.