Pipe Roller Supports

FUNCTION: Designed for suspending pipe in applications where horizontal movement, due to expansion and contraction, will occur and vertical adjustment is necessary. The knurled insert provided with Fig. 475 allows easier vertical adjustment.

APPROVALS: Complies with Federal Specifications A-A-1192A (Type 43) and Manufacturers' Standardization Society ANSI/SP-69 and SP-58 (Type 43).

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

FINISH: Plain or Electro-galvanized

SIZING: Pipe roller size 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.

Fig. 475 Available up to 8" (200) Pipe Roller Size

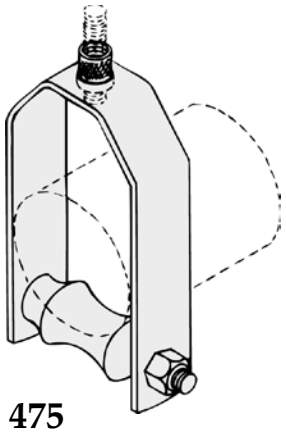
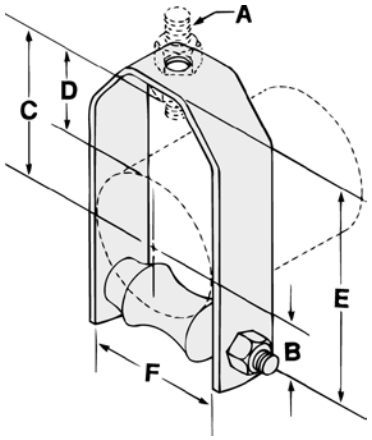


Fig. 475

Fig. 470 & 475 PIPE ROLLER HANGER

Fig. 470* WITHOUT SWIVEL
Fig. 475 WITH ADJUSTING SWIVEL

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



"B" Center of axle to center of pipe

Fig. 470

Pipe Roller Size		Rod Size A	B		C		Adjustment D		E		F		Max. Rec. Load		Wt. Each	
													lbs.	kN	lbs.	kg
2	(50)	3/8	1 5/8	(41.28)	2 5/8	(66.68)	1 1/16	(26.99)	4 3/8	(111.13)	3	(76.20)	150	(0.67)	1.05	(.48)
2 1/2	(65)	1/2	2	(50.80)	2 3/8	(60.33)	1 3/16	(30.16)	5	(127.00)	3 1/4	(82.55)	225	(1.00)	1.29	(.59)
3	(80)	1/2	2 1/4	(57.15)	3 1/2	(88.90)	1 3/4	(44.45)	6 3/8	(161.93)	3 7/8	(98.43)	310	(1.38)	1.56	(.71)
3 1/2	(90)	1/2	2 5/8	(66.68)	3 3/4	(95.25)	1 3/4	(44.45)	7	(177.80)	4 3/8	(111.13)	390	(1.73)	1.83	(.83)
4	(100)	5/8	2 3/4	(69.85)	3 15/16	(100.01)	1 11/16	(42.86)	7 1/2	(190.50)	5	(127.00)	475	(2.11)	2.81	(1.27)
5	(125)	5/8	3 1/2	(88.90)	4 5/16	(109.54)	1 9/16	(39.69)	8 5/8	(219.08)	6	(152.40)	685	(3.05)	4.42	(2.00)
6	(150)	3/4	4	(101.60)	5 3/8	(136.53)	2 1/16	(52.39)	10 1/4	(260.35)	7 1/8	(180.98)	780	(3.47)	5.98	(2.71)
8	(200)	3/4	5 1/8	(130.18)	6 1/2	(165.10)	2 3/16	(55.56)	12 3/4	(323.85)	9 1/4	(234.95)	780	(3.47)	11.42	(5.18)
10	(250)	7/8	6 3/8	(161.93)	7 3/8	(187.33)	2	(50.80)	15	(381.00)	11 1/4	(285.75)	965	(4.29)	17.36	(7.87)
12	(300)	7/8	7 1/2	(190.50)	8 3/4	(222.25)	2 3/8	(60.33)	17 3/8	(441.33)	13 1/4	(336.55)	1200	(5.34)	24.62	(11.17)
14	(350)	1	8 3/8	(212.73)	9	(228.60)	2	(50.80)	18 5/8	(473.08)	14 3/4	(374.65)	1200	(5.34)	36.00	(16.33)
16	(400)	1	9 1/2	(241.30)	9 3/4	(247.65)	1 3/4	(44.45)	20 3/4	(527.05)	16 7/8	(428.63)	1200	(5.34)	44.00	(19.96)
18	(450)	1	10 1/2	(266.70)	11 3/4	(298.45)	2 3/4	(69.85)	23 3/4	(603.25)	18 5/8	(473.08)	1400	(6.23)	54.00	(24.49)
20	(500)	1 1/4	11 5/8	(295.28)	12 1/2	(317.50)	2 1/2	(63.50)	26	(660.40)	20 7/8	(530.23)	1600	(7.12)	74.00	(33.57)
24	(600)	1 1/2	13 13/16	(350.84)	16 1/2	(419.10)	4 1/2	(114.30)	31	(787.40)	25	(635.00)	1600	(7.12)	126.00	(57.15)

Note: *For Fig. 470 use of an upper locknut ensures proper performance.*

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