

B3110 - Adjustable Steel Yoke Pipe Roll

Size Range: 2" (65mm) thru 24" (600mm) pipe

Material: Cast iron and steel
(Non-metallic polyurethane rollers are available)

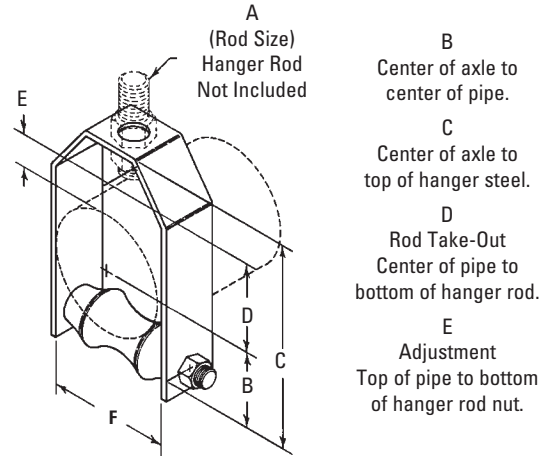
Function: For supporting pipe where movement may occur due to thermal expansion.

Approvals: Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 44, 1" (25mm) thru 20" (500mm), and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 43.

Note: When pipe line is insulated, total outside diameter of pipe and covering should be used to determine size of hanger; also see B3160 to B3165 on pages 157 thru 162.

Finish: Plain. Contact customer service for alternative finishes and materials.

Order By: Part number, pipe size and finish



Note: Not for continuous cycling applications.

Part No.	Pipe Size in. (mm)	Rod Size A	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)
B3110-2	2" (50)	3/8"-16	1 9/16" (39.7)	4 3/4" (120.6)	2 3/8" (60.3)	1 7/16" (36.5)
B3110-2 1/2	2 1/2" (65)	1/2"-13	1 7/8" (47.6)	6" (152.4)	3 3/16" (81.0)	2" (50.8)
B3110-3	3" (80)	1/2"-13	2 3/16" (55.6)	6 5/8" (168.3)	3 1/2" (88.9)	2" (50.8)
B3110-3 1/2	3 1/2" (90)	1/2"-13	2 1/2" (63.5)	7 1/4" (184.1)	3 3/4" (95.2)	2" (50.8)
B3110-4	4" (100)	5/8"-11	2 3/4" (69.8)	7 7/8" (200.0)	4" (101.6)	2" (50.8)
B3110-5	5" (125)	5/8"-11	3 3/8" (85.7)	9 3/16" (233.4)	4 9/16" (115.9)	2" (50.8)
B3110-6	6" (150)	3/4"-10	3 15/16" (100.0)	10 3/8" (263.5)	5 1/16" (128.6)	2" (50.8)
B3110-8	8" (200)	3/4"-10	5 1/16" (128.6)	12 5/8" (320.7)	6 1/16" (154.0)	2" (50.8)
B3110-10	10" (250)	7/8"-9	6 1/4" (158.7)	14 15/16" (379.4)	7 3/16" (182.6)	2 1/16" (52.4)
B3110-12	12" (300)	7/8"-9	7 3/8" (187.3)	17 3/8" (441.3)	8 3/8" (212.7)	2 1/4" (57.1)
B3110-14	14" (350)	1"-8	8 1/4" (209.5)	19" (482.6)	8 3/4" (222.2)	2 1/4" (57.1)
B3110-16	16" (400)	1"-8	9 1/4" (234.9)	20 3/4" (527.0)	9 3/4" (247.6)	2" (50.8)
B3110-18	18" (450)	1"-8	10 3/8" (263.5)	23 11/16" (601.7)	11 7/16" (290.5)	2 11/16" (68.3)
B3110-20	20" (500)	1 1/4"-7	11 1/2" (292.1)	25 7/8" (657.2)	12 1/4" (311.1)	2 1/2" (63.5)
B3110-24	24" (600)	1 1/2"-6	13 13/16" (350.8)	31 9/16" (801.7)	15" (381.0)	3 1/2" (88.9)

Part No.	F in. (mm)	Maximum O.D. Covering in. (mm)	Design Load lbs. (kN)	Approx. Wt./100 lbs. (kg)
B3110-2	2 7/8" (73.0)	2 5/8" (66.7)	150 (.67)	123 (55.8)
B3110-2 1/2	3 1/4" (82.5)	3" (76.2)	225 (1.00)	178 (80.7)
B3110-3	3 7/8" (98.4)	3 5/8" (92.1)	310 (1.38)	206 (93.4)
B3110-3 1/2	4 3/8" (111.1)	4 1/8" (104.8)	390 (1.73)	267 (121.1)
B3110-4	4 7/8" (123.8)	4 11/16" (119.1)	475 (2.11)	344 (156.0)
B3110-5	5 15/16" (150.8)	5 3/4" (146.0)	685 (3.04)	600 (272.1)
B3110-6	7" (177.8)	6 3/4" (171.4)	780 (3.47)	800 (362.9)
B3110-8	9" (228.6)	8 3/4" (222.2)	780 (3.47)	1300 (589.7)
B3110-10	11 1/8" (282.6)	10 3/4" (273.0)	965 (4.29)	1600 (725.7)
B3110-12	13 3/8" (339.7)	13" (330.2)	1200 (5.34)	2600 (1179.3)
B3110-14	14 1/2" (368.3)	14 1/4" (361.9)	1200 (5.34)	3400 (1542.2)
B3110-16	16 3/8" (415.9)	16 1/8" (409.6)	1200 (5.34)	3900 (1769.0)
B3110-18	18 3/8" (466.7)	18 1/8" (460.4)	1400 (6.23)	4900 (2222.6)
B3110-20	20 3/8" (517.5)	20 1/8" (511.2)	1600 (7.11)	6686 (3032.7)
B3110-24	24 5/8" (625.5)	24 3/8" (619.1)	1800 (8.00)	11630 (5275.3)



Notes: If using D.I. pipe refer to page 307 for sizing. Non-metallic rollers with stainless steel yoke and hardware are available for most sizes (B3110NM-Pipe Size). Contact Eaton Engineering for more information.