

Pipe Rollers & Roller Supports

B3117SL Steel Roller Stand

Size Range: 2" (50mm) thru 42" (1067mm)

Material: Cast Iron Roller and Steel Base
(Non-metallic polyurethane rollers are available)

Function: Designed to support pipe where movement may occur due to thermal expansion. When used with insulated pipe, see B3160-B3165 pipe covering protection saddle charts for proper sizing on pages 157 thru 162.

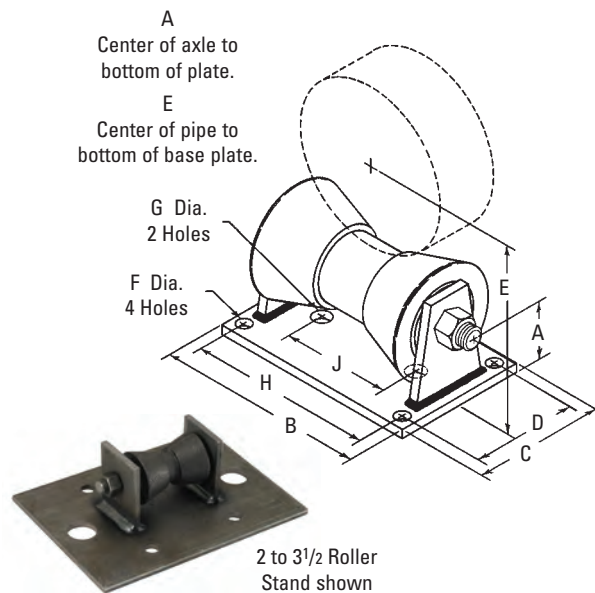
Approvals: Conforms to Federal Specification WW-H-171E & A-A-1192A, Type 45 and Manufacturers Standardization Society ANSI/MSS SP-69 & SP-58, Type 44.

Standard Finish: Plain, Available in Electro-Galvanized and HDG finish or Stainless Steel material

Order By: Part number and finish.

Notes: If using D.I. pipe refer to page 307 for sizing. Non-metallic rollers with stainless steel bases are available for most sizes (B3117SLNM-Pipe Size). Contact Eaton Engineering for more information.

Not for continuous cycling applications.



Part No.	Pipe Size in. (mm)	A in. (mm)	B in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)
B3117SL-2 to 3 1/2	2" (50)	1 3/4" (44.4)	8 3/8" (212.7)	6" (152.4)	4" (101.6)	3 11/16" (93.7)
	2 1/2" (65)	1 3/4" (44.4)	8 3/8" (212.7)	6" (152.4)	4" (101.6)	3 15/16" (100.0)
	3" (80)	1 3/4" (44.4)	8 3/8" (212.7)	6" (152.4)	4" (101.6)	4 1/4" (107.9)
	3 1/2" (90)	1 3/4" (44.4)	8 3/8" (212.7)	6" (152.4)	4" (101.6)	4 1/2" (114.3)
B3117SL-4 to 6	4" (100)	2 1/16" (52.4)	9 7/8" (250.8)	6" (152.4)	4 1/4" (107.9)	5" (127.0)
	5" (125)	2 1/16" (52.4)	9 7/8" (250.8)	6" (152.4)	4 1/4" (107.9)	5 9/16" (141.3)
	6" (150)	2 1/16" (52.4)	9 7/8" (250.8)	6" (152.4)	4 1/4" (107.9)	6 1/16" (154.0)
B3117SL-8 to 10	8" (200)	3 7/16" (87.3)	8 5/8" (219.1)	8" (203.2)	5" (127.0)	8 13/16" (223.8)
	10" (250)	3 7/16" (87.3)	8 5/8" (219.1)	8" (203.2)	5" (127.0)	9 7/8" (250.8)
B3117SL-12 to 14	12" (300)	3 7/8" (98.4)	10 15/16" (277.8)	8" (203.2)	6" (152.4)	11 7/16" (290.5)
	14" (350)	3 7/8" (98.4)	10 15/16" (277.8)	8" (203.2)	6" (152.4)	12 1/16" (306.4)
B3117SL-16 to 20	16" (400)	4 1/4" (107.9)	12 3/8" (314.3)	10" (254.0)	6 1/2" (165.1)	13 5/8" (346.1)
	18" (450)	4 1/4" (107.9)	12 3/8" (314.3)	10" (254.0)	6 1/2" (165.1)	14 11/16" (373.1)
	20" (500)	4 1/4" (107.9)	12 3/8" (314.3)	10" (254.0)	6 1/2" (165.1)	15 11/16" (398.5)
B3117SL-24	24" (600)	4 3/8" (111.1)	13 1/2" (342.9)	10 3/4" (273.0)	6 1/2" (165.1)	17 11/16" (449.3)
B3117SL-30	30" (750)	5 1/8" (130.2)	17" (431.8)	10 3/4" (273.0)	8" (203.2)	21 3/4" (552.4)
B3117SL-36 to 42	36" (900)	5 3/4" (146.0)	20" (508.0)	12" (304.8)	9" (203.2)	25 5/16" (642.9)
	42" (1050)	5 3/4" (146.0)	20" (508.0)	12" (304.8)	9" (203.2)	28 5/16" (719.1)

Part No.	Dia. F in. (mm)	Dia. G in. (mm)	H in. (mm)	J in. (mm)	Design Load Lbs. (kN)	Approx. Wt./100 Lbs. (kg)
B3117SL-2 to 3 1/2	1 1/2" (12.7)	1" (25.4)	3 7/16" (87.3)	6 3/8" (161.9)	390 (1.73)	508 (230.4)
B3117SL-4 to 6	1 1/2" (12.7)	1" (25.4)	4 11/16" (119.1)	7 7/8" (200.0)	950 (4.22)	631 (286.2)
B3117SL-8 to 10	5/8" (15.9)	1" (25.4)	7" (177.8)	4" (101.6)	2100 (9.34)	1271 (576.5)
B3117SL-12 to 14	3/4" (19.0)	1" (25.4)	9 1/16" (230.2)	5 3/4" (146.0)	3075 (13.68)	1994 (904.5)
B3117SL-16 to 20	13/16" (20.6)	1" (25.4)	10 1/4" (260.3)	6 3/4" (171.4)	4980 (22.15)	3423 (1552.7)
B3117SL-24	13/16" (20.6)	1" (25.4)	11 3/8" (288.9)	7 1/2" (190.5)	6100 (27.13)	4710 (2136.4)
B3117SL-30	1 1/16" (27.0)	1" (25.4)	14 1/4" (361.9)	10" (254.0)	7500 (33.36)	7132 (3235.1)
B3117SL-36 to 42	1 3/16" (30.2)	1" (25.4)	17" (431.8)	12" (304.8)	12000 (53.37)	10386 (4711.1)

All dimensions in charts and on drawings are in inches. Dimensions shown in parentheses are in millimeters unless otherwise specified.