

Universal Sway Brace, EG, 2 1/2" Pipe

Data Solutions

CATALOG NUMBER

CSB0250



The nVent CADDY Universal Sway Brace is an innovative, versatile solution providing seismic bracing for suspended pipes. Featuring a unique slotted hole pattern for easy slip-on installation, installers can eliminate the risk and inconvenience of loose hardware, making it an ideal choice for ensuring safety and compliance on the job.

CERTIFICATIONS



FEATURES

Used for both lateral and longitudinal sway brace applications

Snap-off bolt head helps enable easy installation and inspection

Works with 1" to 2" (25,4mm to 50,8mm) brace pipes to reduce inventory

Works with 12 gauge or thicker Type A solid strut as brace member

Meets NFPA®-13 and CEN/TS 1755:2021 requirements for seismic sway bracing

FM Approved with the following brace members: Type A Solid Strut (12 gauge or thicker) and 1-2 in Sch40/EN 10255H Pipe

FM Specification Tested with the following brace members: Type A Solid Strut (12 gauge or thicker) and 1-2 in Sch40/EN 10255H Pipe

PRODUCT ATTRIBUTES

Material: Steel

Finish: Electrogalvanized

Pipe Size, Nominal (Ø): 2.5in

Cast Iron: 2.5in

Brace Pipe Size: 1 – 2in

Width (W): 1.5in

A: 3.5625in

B: 1.3125in

C: 0.9375in

D: 6.75in

ADDITIONAL PRODUCT DETAILS

FM® Specification Tested for 1-1/2 in to 4 in pipe sizes using no hub cast iron pipe.

Load ratings for Sch 10 may also be applied to AS 1074 Medium, GB/T 3091, EN 10255 (Medium or Heavy), and JIS G3452 pipe.

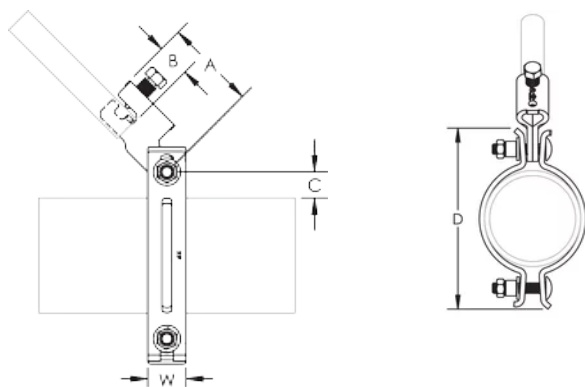
Load ratings for Sch 40 may also be applied to AS 1074 Heavy, GB/T 3091, EN 10255 (Heavy), and JIS G3454 pipe.

Load ratings for FM approved lightwall may also be applied to AS 1074 Lightwall, EN 10255 L, EN 10220, and GB/T 8163 pipe.

FM Approved with 12 gauge or thicker Type A solid strut as brace member

FM Loads with 12 Gauge or Thicker Type A Strut as Brace Member								
Part Number	Horizontal Capacity per Installation Angle from Vertical							
	Lateral				Longitudinal			
	30° - 44°	45° - 59°	60° - 74°	75° - 90°	30° - 44°	45° - 59°	60° - 74°	75° - 90°
FM Approved Lightwall, Sch 10 and Sch 40 Service Pipes								
CSB0100xxx	1040 lb	1470 lb	1800 lb	2010 lb	660 lb	580 lb	640 lb	-
CSB0125xxx	1040 lb	1470 lb	1800 lb	2010 lb	660 lb	580 lb	640 lb	-
CSB0150xxx	1580 lb	2240 lb	2740 lb	3070 lb	1320 lb	1340 lb	1620 lb	-
CSB0200xxx	1580 lb	2240 lb	2740 lb	3070 lb	890 lb	1220 lb	1830 lb	-
CSB0250xxx	1620 lb	2300 lb	2820 lb	3160 lb	890 lb	1220 lb	1830 lb	-
CSB0300xxx	1520 lb	2160 lb	2640 lb	2960 lb	890 lb	1220 lb	1830 lb	-
CSB0400xxx	1520 lb	2160 lb	2640 lb	2960 lb	1340 lb	1850 lb	2350 lb	-
CSB0500xxx	1520 lb	2160 lb	2640 lb	2960 lb	1340 lb	1850 lb	2350 lb	-
CSB0600xxx	1570 lb	2220 lb	2720 lb	3050 lb	1540 lb	1850 lb	2230 lb	-
0.188" Wall and Sch 40 Service Pipes								
CSB0800xxx	1570 lb	2220 lb	2720 lb	3050 lb	1270 lb	1750 lb	2160 lb	-
CSB1000xxx	1410 lb	2000 lb	2450 lb	2740 lb	1270 lb	1750 lb	2160 lb	-
CSB1200xxx	1460 lb	2070 lb	2530 lb	2840 lb	1390 lb	1750 lb	2110 lb	-

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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