Adjustable I-Beam Adapter

Data Solutions

This code-compliant Structural Attachment is part of the nVent CADDY line of innovative rigid bracing system, designed to provide superior performance and meet the highest seismic load requirements. Its innovative design allows quick and easy installation onto a wide range of steel I-Beams. It is ready to use out of the box, eliminating the need for pre-assembly or loose hardware and its snap-off bolts make inspection of seismic sway braces simple.

CERTIFICATIONS

FEATURES

- No loose parts
- No assembly required
- Snap-off bolt head helps enable easy installation and inspection of seismic sway braces
- Meets NFPA®-13 requirements for seismic sway bracing
- FM® Specification Tested

SPECIFICATIONS

Finish: Electrogalvanized

Material: Steel

Table 1/2

Catalog Number	Article Number	Flange Thickness (FT)	A	Rod Size 1 (RS1)	Rod Size 2 (RS2)	Height (H)
CSBS3N	404129	6 – 19mm	100 – 215mm	3/8"in	1/2"in	67mm
CSBS4N	404131	6 – 19mm	100 – 365mm	3/8"in	1/2"in	67mm

Catalog Number	Article Number	Flange Thickness (FT)	A	Rod Size 1 (RS1)	Rod Size 2 (RS2)	Height (H)
CSBS5N	404133	19 – 31mm	100 – 455mm	3/8"in	1/2"in	79mm

Table 2/2

Catalog Number	Article Number	Width (W)
CSBS3N	404129	92mm
CSBS4N	404131	92mm
CSBS5N	404133	92mm

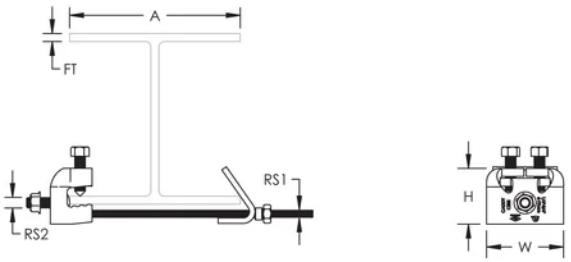
ADDITIONAL PRODUCT DETAILS

Structure Attachment and Brace Member are not included.

UL Loads				
Part Number	**Structure Attachment Fitting**	**Flange Thickness**	**Brace Member**	**Load Rating**
CSBS3xxx	CSBU1xxx	6 - 8 mm	DN25 - DN50 Sch. 40 NPS	6672 N
		8 - 19 mm		7561 N
	CSBURC12	6 - 19 mm	CSB12CBL	1859 N
			CSB18CBL	3434 N
			CSB36CBL	4893 N
CSBS4xxx	CSBU1xxx	6 - 8 mm	DN25 - DN50 Sch. 40 NPS	6672 N
		8 - 19 mm		7561 N
	CSBURC12	6 - 19 mm	CSB12CBL	1859 N
			CSB18CBL	3434 N
			CSB36CBL	4893 N
CSBS5xxx	CSBU1xxx	6 - 19 mm	DN25 - DN50 Sch. 40 NPS	7561 N
	CSBURC12	6 - 19 mm	CSB12CBL	1859 N
			CSB18CBL	3434 N
			CSB36CBL	4893 N

FM Loads								
Part Number	**Horizontal Capacity per Installation Angle from Vertical**							
	Perpendicular to Structure				**Parallel to Structure**			
	30°- 44°	**45°- 59°**	**60°- 74°**	**75°- 90°**	**30°- 44°**	**45°- 59°**	**60°- 74°**	**75°- 90°**
CSBS3xxx	5240 N	9830 N	12580 N	13070 N	3640 N	6130 N	9250 N	13380 N
CSBS4xxx	5240 N	9830 N	12580 N	13070 N	3640 N	6130 N	9250 N	13380 N
CSBS5xxx	5420 N	9510 N	11470 N	12760 N	4890 N	8090 N	9740 N	11920 N

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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