

# Quick Grip Lateral Sway Brace

## Data Solutions



The Quick Grip Lateral Brace, part of the nVent CADDY line of fire sprinkler bracing systems from nVent, is designed to help simplify installations when bracing service pipe for seismic or other catastrophic events. It features an innovative design for quick attachment of brace pipe to service pipe saving time and money.

### CERTIFICATIONS



### FEATURES

Easy two-step installation eliminates extra trips between structure and service pipe

Works with 1" and 1 1/4" (25 mm and 32 mm) brace pipes to reduce inventory

Yellow tips provide a visual indicator that the bolts have been properly torqued

Easy installation with an impact wrench from the bottom side of the clamp

Meets NFPA®-13 requirements for seismic sway bracing

Meets CEN/TS 17551:2021 requirements for Seismic Sway Bracing

### SPECIFICATIONS

**Finish:** Electrogalvanized

**Material:** Steel

Table 1/1

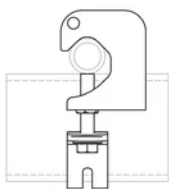
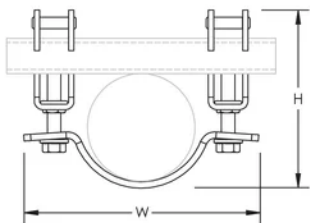
| Catalog Number | Article Number | NB/DN | Height (H) | Width (W) | Certifications |
|----------------|----------------|-------|------------|-----------|----------------|
|----------------|----------------|-------|------------|-----------|----------------|

|             |        |     |                 |         |                                                                               |
|-------------|--------|-----|-----------------|---------|-------------------------------------------------------------------------------|
| CSBQG0250EG | 404468 | 65  | 138.1 – 148.6mm | 172mm   | cUL, OSHPD, UL, FM Approved, Seismic                                          |
| CSBQG0300EG | 404469 | 80  | 155 – 165.5mm   | 190mm   | AON Fire Protection, Rigid Seismic, OSHPD, cUL, UL, FM Approved, Seismic      |
| CSBQG0400EG | 404470 | 100 | 180.4 – 190.9mm | 222mm   | OSHPD/HCAI, FM Approved, Seismic, UL, AON Fire Protection, Rigid Seismic, cUL |
| CSBQG0600EG | 404472 | 150 | 235.5 – 244.9mm | 298mm   | cUL, OSHPD/HCAI, FM Approved, Seismic, UL, AON Fire Protection, Rigid Seismic |
| CSBQG0800EG | 404473 | 200 | 289.2 – 300mm   | 351.8mm | OSHPD, AON Fire Protection, Rigid Seismic, cUL, UL, FM Approved, Seismic      |

| UL Loads    |                            |                                   |                                  |                                  |
|-------------|----------------------------|-----------------------------------|----------------------------------|----------------------------------|
| Part Number | Lateral                    |                                   |                                  |                                  |
|             | Sch 10/Sch 40 Service Pipe | Bull Moose Eddy Flow Service Pipe | Wheatland Mega-Flow Service Pipe | Youngstown Fire-Flo Service Pipe |
| CSBQG0250   | 6672 N                     | 6672 N                            | 6672 N                           | 6672 N                           |
| CSBQG0300   | 5782 N                     | 5782 N                            | 5782 N                           | 5782 N                           |
| CSBQG0400   | 6672 N                     | 6672 N                            | 6672 N                           | 6672 N                           |
| CSBQG0500   | N/A                        | N/A                               | N/A                              | N/A                              |
| CSBQG0600   | 6227 N                     | N/A                               | 6227 N                           | N/A                              |
| CSBQG0800   | 6227 N                     | N/A                               | N/A                              | N/A                              |

| FM Loads                  |                         |                                                          |           |           |           |
|---------------------------|-------------------------|----------------------------------------------------------|-----------|-----------|-----------|
| Part Number               | Service Pipe Schedule   | Lateral                                                  |           |           |           |
|                           |                         | Horizontal Capacity per Installation Angle from Vertical |           |           |           |
|                           |                         | 30° - 44°                                                | 45° - 59° | 60° - 74° | 75° - 90° |
| CSBQG0250EG/ CSBQG0250MEG | EN10255 L (Lightwall)   | 6270 N                                                   | 8895 N    | 10900 N   | 12190 N   |
|                           | EN10255 M (10)          | 6270 N                                                   | 8895 N    | 10900 N   | 12190 N   |
|                           | EN10255 H (40)          | 6270 N                                                   | 8895 N    | 10900 N   | 12190 N   |
| CSBQG0300EG               | EN10255 L (Lightwall)   | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
|                           | EN10255 M (10)          | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
|                           | EN10255 H (40)          | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
| CSBQG0400EG               | EN10255 L (Lightwall)   | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
|                           | EN10255 M (10)          | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
|                           | EN10255 H (40)          | 5295 N                                                   | 7475 N    | 9163 N    | 10230 N   |
| CSBQG0600EG               | EN10255 L (Lightwall)   | 3870 N                                                   | 5470 N    | 6715 N    | 7515 N    |
|                           | EN10255 M (10)          | 3870 N                                                   | 5470 N    | 6715 N    | 7515 N    |
|                           | EN10255 H (40)          | 4315 N                                                   | 6095 N    | 7475 N    | 8320 N    |
| CSBQG0800EG               | 4.8 mm (Wall Thickness) | 3515 N                                                   | 4940 N    | 6050 N    | 6760 N    |
|                           | EN10255 H (40)          | 3515 N                                                   | 4940 N    | 6050 N    | 6760 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](http://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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