

TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior C89 and C89L Heavy Duty Bridge Overhang Brackets are designed for maximum adjustment and strength to meet the rigors of heavy cantilever/overhang applications.

APPLICATION

Both brackets come equipped with nail holes in the top of the horizontal channels for attaching 2x6 or 2x8 lumber (flat - required to prevent crushing the flange) and both brackets have built-in guardrail receptacles for 2x4 guardrail posts. The C89 and C89L brackets can be used equally well on steel or precast concrete bridge girders with the appropriate 3/4" exterior hanger, such as the C60 45° Pres-Steel Hanger (Type 9-A).



FEATURES

- The brackets can be shipped "knocked down" for easier handling and shipping and then preset on the ground at the job site.
- Diagonal leg has SWL of 6,000 lbs. with a safety factor of 2-1 when fully extended.

TECHNICAL DATA

For recommended spacings on the C89 and C89L, please see the Bridge Deck Handbook located on the Dayton Superior Website (<http://daytonsuperior.com>).

BRACKET DATA

Bracket Type	Length of Horizontal	Height of Horizontal	Range of Vertical Adjustment
C89	72"	4"	28" to 66"
C89L	90"	6"	30" to 68"

INSTALLATION

1. Overhang brackets are usually adjusted to proper grade during the normal "dry run" operation. Typically, the overhang forms are set 1/4" to 3/8" above finished grade to compensate for dead load deflection.

SAFETY NOTE: DO NOT attempt an upward adjustment of the bracket during the concrete pouring operation. Lowering the bracket is permissible during the concrete pour.

RELATED PRODUCTS

- C89L Bolt Holder

ORDERING INFORMATION

Product Code	Description	Weight
100121	C89 - 72 INCHES IMPORTED	145.00 LB
100012	C89L - 90 INCHES	159.00 LB

MANUFACTURER

Dayton Superior Corporation
 1125 Byers Road
 Miamisburg, OH 45342
 Customer Service: 888-977-9600
 Technical Services: 877-266-7732
 Website: www.daytonsuperior.com

WARRANTY (ACCESSORIES)

Limited Warranty. Dayton warrants, for a period of 60 days from the date of shipment (three years from the date of shipment in the case of formwork, excluding any consumable Products included with such formwork), that Products and any associated application drawings and engineering services provided by Dayton ("Ancillary Services") will be free from defects in material and workmanship and, in the case of custom designed formwork, that the formwork will meet the specifications set forth in the design drawings approved by Dayton and Customer. Any claim under this warranty must be made in writing within such warranty period. If any Product and/or Ancillary Service covered by a timely claim are found to be defective, Dayton will, within a reasonable time, make any necessary repairs or corrections or, at Dayton's option, replace the Product. Unless pre-authorized by Dayton in writing, Dayton will not accept any charges for correcting defects or accept the return of any Product. This warranty will not apply to any Products that have been subjected to misuse, neglect, storage damage, misapplication, accident or any other damage caused by any person other than Dayton, or that have not been maintained in accordance with Dayton's specifications. **THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AS TO THE PRODUCTS AND ANCILLARY SERVICES. DAYTON MAKES NO OTHER WARRANTIES OR GUARANTEES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE. THE REMEDIES SET FORTH IN THIS SECTION ARE CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF WARRANTY.**