

TECHNICAL DATA SHEET

DESCRIPTION

Dayton Superior offers the bridge contractor several different versions of the C49 Bridge Overhang Bracket. This allows maximum adjustability to meet the varied bridge overhang forming requirements on both structural steel and precast/prestressed concrete beams.

APPLICATION

- C49 – Most common bracket used in bridge construction
- C49C – Extended capacity bracket
- C49CD – Extended capacity Deep Beam
- C49D – Used on deep beams
- C49S – Field modified C49 bracket, uses only outer portion of vertical leg, provides 14" min vertical height
- C49JR – Smaller bracket used in situations where the horizontal member of a standard C49 is too long.

PRODUCT SPECIFICATION

- C49, C49D, C49S, C49JR diagonal leg SWL: 3,750 lbs
- C49C diagonal leg SWL: 7,500 lbs
- C49CD diagonal leg SWL: 4,200lbs
- All Bridge overhang bracket SWL are rated using a 2:1 safety factor



FEATURES

- Design affords maximum adjustability
- Vertical and Diagonal members have adjustment holes on 2" spacing
- Safe and Productive! Can be easily and quickly preset on the ground and then set in place as needed.
- Adjusting nut makes leveling horizontal member simple.

TECHNICAL DATA

Part	Outside Diameter	Wall Thickness
Outer Vertical Leg	1 - 7/8"	0.083"
Inner Vertical Leg	1 - 5/8"	0.120"
Outer Diagonal Leg	1 - 7/8"	0.083"
Inner Diagonal Leg	1 - 5/8"	0.120"

Connection Bolts and Nuts

Connection bolts and nuts are galvanized 1/2" - 13 NC threaded meeting ASTM Standard -449 or SAE Standard J-429 Grade 5

Contact Dayton Superior's Engineering services to design a Bridge Overhang System configured to your job requirements.

RELATED PRODUCTS

- C89 and C89L Heavy Duty Bridge Overhang Brackets
- C-49W Bridge Overhang Bracket
- C-54 Overhang Bracket Extender
- C-52 Guard Rail Pocket
- C-51 Wall Plate Assembly
- Hanger – Full line of hangers to accommodate any situation

HOW TO ORDER

- Specify: (1) Quantity, (2) Name
Example: 120 pieces, C-49 Bridge Overhang Bracket

ORDERING INFORMATION

BRIDGE OVERHANG BRACKET

Product Code	Description	Weight
60250	SHIPPED FULLY ASSEMBLED	46.00 LB

BRIDGE OVERHANG BRACKET

Product Code	Description	Weight
100008	SHIPPED UNASSEMBLED	46.00 LB

BRIDGE OVERHANG BRACKET - BOLT HOLDERS

Product Code	Description	Weight
145021	BOLT HOLDER FOR C49, C49CD, C49C, C49D, C49JR	1.75 LB

BRIDGE OVERHANG HIGH CAPACITY BRACKET

Product Code	Description	Weight
144796	C49C HIGH CAPACITY OVERHANG BRACKET	52.00 LB

BRIDGE OVERHANG HIGH CAPACITY BRACKET- DEEP

Product Code	Description	Weight
144797	C49CD HIGH CAPACITY OVERHANG BRACKET - DEEP	54.00 LB

BRIDGE OVERHANG JR BRACKET

Product Code	Description	Weight
60255	C49JR BRIDGE OVERHANG BRACKET - JUNIOR	29.00 LB

BRIDGE OVERHANG BRACKET - DEEP

Product Code	Description	Weight
60260	C49D OVERHANG BRACKET - DEEP	49.56 LB

TECHNICAL DATA SHEET**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.