PURLIN CLAMP
WIDE FLANGE
MODEL 315

FEATURES

Beam Clamps are designed to be installed on a variety of beams.

Location of threaded rod insertion permits easy attachment to other fixtures.

Structural attachment to lower flanges of metal beams or purlins with 48" flanges up to 2" and 90" flanges up to 1-1/2".

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MAX PIPE DIA. SUPPORTED BY CLAMP &amp; THREADED ROD</th>
<th>ROD SIZE</th>
<th>MAX RECOM. LOAD LBS.</th>
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</thead>
<tbody>
<tr>
<td>3150037XX*</td>
<td>Purlin Clamp—Wide Flange used to secure threaded rod to structure.</td>
<td>4&quot;</td>
<td>3/8&quot;</td>
<td>400</td>
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<td>38825</td>
<td></td>
<td>4&quot;</td>
<td>M10</td>
<td>400</td>
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* XX = FINISH SPECIFIER

1. Position Clamp on beam.

2. Tighten screw. Set screw must be tightened onto sloped side of I-beam, channel or angle iron flange and torqued to 60 inch pounds. Locknut required to resist vibration.

3. Insert rod into threaded hole at the base of clamp. Secure with lock nut.

Attachment of sprinkler piping hangers to "C" or "Z" shaped steel secondary roof members should be in accordance with building manufacturers' specifications. If the manufacturer is not known or is no longer available for advice, use the following guidelines (also see Fig. FM 2–6.1.3):

1.) For "Z" shaped purlins, attachment to vertical web at midpoint is highly advisable. (Alternatively for the "Z" shaped purlins, attachment may be to the bottom flange, at a point as close to the web as possible, but as a distance from the web no further than 1/2 of the flange width. In no case should purlin stiffeners be used as the point of attachment. Any clamp-type hangers used on "Z" shaped purlins with flange stiffeners should be the type which will not contact the flange stiffener, such as the large flange C-clamp shown at the top center of Fig. A–2–6.1.)

2.) For "C" shaped purlins attachment should only be to the vertical web at midpoint. Do not attach hangers to the flanges of "C" shaped purlins.

3.) If any question exists as to the load—carrying capability of the structural member and the point of hanger attachment, proper verification of such capability should be provided with the system design information required per Chapter 6.

WARNING

1. ERICO products shall be installed and used only as indicated in ERICO product instruction sheets and training materials. Instruction sheets are available at www.ericom.com and from your ERICO customer service representative.

2. ERICO products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.

3. All instructions must be completely followed to ensure proper and safe installation and performance.

4. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

5. Products that are manufactured using spring steel components shall be used only in a non-corrosive indoor environment.

6. All pipe supports, hangers, intermediate components and structural attachments must ONLY be used as described herein and are NEVER to be used for any other purpose.

NOTE: All load ratings are for static conditions and do not account for dynamic loading such as wind, water or seismic loads, unless otherwise noted.

The customer is responsible for:

a. Conformance to all governing codes.

b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.

c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS: All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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