







PIPE SHIELDS, INC.

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Pipe Shields, Inc.

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GENERAL INTRODUCTION

Pipe Shields Inc. pioneered the first insulated pipe support, in 1971, for use on HVAC and plumbing lines. These supports were designed because fiberglass pipe insulation is not strong enough to carry the load at the point of support without crushing. The various methods contractors employed to compensate for this weakness were inconsistent, non-uniform and labor intensive, often resulting in damage to the vapor barrier and/or pipe insulation. The insulated pipe support filled the need for an energy efficient, economical and practical support.

Pipe Shields Inc. has developed a large and growing family of insulated pipe supports, using its “standard concept” of incorporating materials strong enough to carry the load while insulating the pipe at the same time. No welding to the pipe is required (except for insulated positive anchors and insulated pipe riser clamps) and no direct metal-to-metal heat path exists. Insulated pipe supports meet an assortment of requirements, including:

| | |
|---------------------|---------------------------------|
| Pipe supported on: | Anchors |
| ○ Flat Surface | Pipe Hangers |
| ○ Pipe Roll | Pipe Riser Clamps |
| ○ Clevis Hanger | Thermal Growth – Small or Large |
| Gas | Maximum Support Spacing |
| Steam | Light, Medium or Heavy Loads |
| Super Heated Steam | Ultra-High Temperatures |
| Chilled Water | Minimum Overhead Clearance |
| Styrene | Minimum Horizontal Clearance |
| Guide Supports | Minimum Field Labor |
| Sliding Supports | Minimum Friction Loads |
| Restrained Supports | Easy Installation |

Other products designed, manufactured and supplied not included in this catalog are:

1. Cryogenic supports
2. Seismic pipe restraints
3. Heat-traced pre-insulated pipe supports
4. Pipe supports used in computer chip, styrene plants and oil refineries
5. Pipe supports for solar energy projects to accommodate expansion travels in excess of 5'-0"

Our highly sophisticated products are a direct result of years of research, engineering and design to develop cost efficient products for the power, petrochemical, chemical and commercial markets. We work closely with engineering firms and in-house engineering departments of owners to provide working solutions to meet their engineering challenges. We have established proprietary specifications that have now become an industry standard used by owners, engineers and contractors throughout the world markets.

If you have a pipe support need not met by any of the items described in this catalog, please contact us at **713-731-0030 or 1-800-787-5914.**

TEMPERATURE, DIMENSIONAL AND MATERIAL VARIANCES

Temperature Ranges

Pipe Shields Inc. strongly recommends the following temperature ranges for our standard insulation material:

| Material | Temperature |
|------------------|--------------------|
| Calcium Silicate | +40°F to + 1200 °F |
| Urethane | -275 °F to +275 °F |
| Foamglas | -450 °F to +900 °F |

Material Variances

Our standard paint finish is SP150 Red Oxide Primer which meets full EPA and California safety regulations. Other paint finishes are available upon request:

- Hot dipped galvanized
- In-organic zinc (CZ11HS)
- Dupont (Corlar) 25P epoxy
- SP145 grey oxide
- Carbothane 134HG
- Carbozinc 859

Slide plate material and other field welded material are coated with deoxaluminat (silver coating)

Model Designation for Alternate Insulation Materials

| | |
|---|------------------|
| Polyurethane – Add U after Catalog Model Number | Example: B1000U |
| Urethane/Foamglas - Add UF after Catalog Model Number | Example: B1000UF |
| Calcium Silicate/Foamglas - Add CF after Catalog Model Number | Example: B1000CF |

USE OF THE INSULATED PIPE SUPPORT SELECTION GUIDE

The table on the following pages will assist you in making a selection of the proper and most economic insulated pipe support for your application.

These Selection Guide Tables are organized by:

1. **SERVICE**
 - A. Water
 - B. Steam, Gas, or Air

2. **APPLICATION**
 - A. Pipe supported from below
 - a. On flat surface
 - b. On pipe roll
 - B. Pipe supported from above
 - a. In clevis or 2-bolt hanger

| | SERVICE | | APPLICATION | | |
|---------|---------|------------------------|--------------------|-----------------|-------------------------------|
| | WATER | STEAM GAS OR AIR | PIPE SUPPORTED | | |
| | | | FROM BELOW | | FROM ABOVE |
| | | | ON FLAT SURFACE | ON PIPE ROLL | IN CLEVIS OR 2-BOLT HANGER |
| TABLE 1 | X | | X | | |
| TABLE 2 | | X | X | | |
| TABLE 3 | X | | | | X |
| TABLE 4 | | X | | | X |
| TABLE 5 | X | | | X | |
| TABLE 6 | | X | | X | |

The product data sheets describing each model refer to other models in the catalog with features such as load rating, axial or lateral travel, or restraint, etc. which you may have an interest.

If you have a pipe support need not met by any of the items described in this catalog, please contact us at **713-731-0030 or 1-800-787-5914.**

TABLE 1

SERVICE: WATER
APPLICATION: PIPE SUPPORTED FROM BELOW ON FLAT SURFACE

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. INSULATED PIPE SUPPORT MODELS | | | | | | | | | | | | | | | |
|---|------------------|------------|-------|---|-------|-------|-------|-------------------------------|-------|-------|-------|---|-------|-------|-------|
| Pipe Size | ASME B31.1 (Ref) | A1000 | A3000 | A5000 | A7000 | A7200 | A7400 | B1000 | B1100 | B1200 | B1300 | | | | |
| | | A2000 | A4000 | A6000 | | | | B5000 | B5100 | B5200 | B5300 | B7000 | B7100 | B7200 | B7300 |
| | | Commercial | | Light Industrial w/ Load Distribution Plate | | | | Heavy Industrial on Slide Pad | | | | Rated for Combined Lateral and Vertical Loads | | | |
| 1/2 | 7 | 11 | 12 | | | | | | | | | | | | |
| 3/4 | 7 | 12 | 13 | | | | | | | | | | | | |
| 1 | 7 | 13 | 14 | | | | | | | | | | | | |
| 1 1/2 | 9 | 15 | 16 | | | | | | | | | | | | |
| 2 | 10 | 15 | 17 | | | | | | | | | | | | |
| 2 1/2 | 11 | 12 | 14 | 16 | 21 | | | | | | | | | | |
| 3 | 12 | 12 | 13 | 17 | 20 | | | 35 | 45 | 55 | | 32 | 45 | 55 | |
| 3 1/2 | 13 | 12 | 13 | 16 | 19 | | | 35 | 45 | 55 | | 33 | 45 | 55 | |
| 4 | 14 | 13 | 14 | 17 | 19 | | | 35 | 45 | 55 | | 35 | 45 | 55 | |
| 5 | 16 | 12 | 14 | 16 | 17 | | | 35 | 45 | 55 | | 33 | 45 | 55 | |
| 6 | 17 | 10 | 12 | 13 | 14 | 26 | | 34 | 45 | 55 | | 30 | 45 | 55 | |
| 8 | 19 | 7 | 8 | 11 | 12 | 21 | | 29 | 45 | 55 | | 26 | 45 | 55 | |
| 10 | 22 | 6 | 6 | 7 | 10 | 18 | 25 | 24 | 45 | 55 | | 21 | 42 | 55 | |
| 12 | 23 | | | 8 | 14 | 20 | 31 | 20 | 40 | 55 | 65 | 17 | 36 | 54 | 65 |
| 14 | 25 | | | 8 | 13 | 22 | 31 | 20 | 40 | 55 | 65 | 18 | 35 | 53 | 65 |
| 16 | 27 | | | | 12 | 21 | 28 | 19 | 37 | 55 | 65 | 16 | 34 | 50 | 65 |
| 18 | 28 | | | | 10 | 19 | 26 | 17 | 34 | 52 | 65 | 15 | 30 | 46 | 61 |
| 20 | 30 | | | | 9 | 17 | 23 | 15 | 31 | 46 | 62 | 14 | 27 | 41 | 55 |
| 24 | 32 | | | | | 14 | 18 | 12 | 24 | 36 | 48 | 10 | 21 | 32 | 43 |
| 30 | 33 | | | | | 10 | 12 | 11 | 21 | 32 | 43 | 9 | 19 | 29 | 39 |
| 36 | 35 | | | | | | | 9 | 18 | 28 | 37 | 8 | 16 | 24 | 33 |
| 42 | 36 | | | | | | | 8 | 16 | 24 | 32 | 7 | 14 | 21 | 28 |

Note: The maximum hanger spacing shown in Table 1 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, water, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making a selection. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
 Service: Water
 Support Spacing: 20' - 0
 Determine: Insulated pipe support model number
 Method: In table 1, for 8" pipe size, find the model(s) rated for handling 20'- 0 or greater support spacing. In this case, Model A7200 is selected since it is capable of handling 21'-0 support spacing. The Index Sheets to Sections "A" & "B" indicate some of the differences between models. Check Product Data Sheet for description before making a final selection. In this example, if the support is required to handle +/- 4 1/2" of axial travel, Model B2000 would be selected (Section "B" Index & Product Data Sheet B2000).

TABLE 2

SERVICE: STEAM, GAS OR AIR
APPLICATION: PIPE SUPPORTED FROM BELOW ON FLAT SURFACE

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. INSULATED PIPE SUPPORT MODELS | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------|----------------|----------------|----------------|--|-------|-------|-------|----------------------------------|-------|-------|-------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pipe Size | ASME B31.1 (Ref) | A1000 A2000 | A3000 A4000 | A5000 A6000 | A7000 | A7200 | A7400 | B1000 | B1100 | B1200 | B1300 | B7000 | B7100 | B7200 | B7300 | | | | | | | | |
| | | | | | | | | B2000 | B2100 | B2200 | B2300 | | | | | B3000 | B3100 | B3200 | B3300 | B4000 | B4100 | B4200 | B4300 |
| | | Commercial | | | Light Industrial w/ Load Distribution Plate | | | | Heavy Industrial on Slide Pad | | | | Rated for Combined Lateral and Vertical Loads | | | | | | | | | | |
| 1/2 | 8 | 11 | 12 | | | | | | | | | | | | | | | | | | | | |
| 3/4 | 9 | 12 | 13 | | | | | | | | | | | | | | | | | | | | |
| 1 | 9 | 14 | 15 | | | | | | | | | | | | | | | | | | | | |
| 1 1/2 | 12 | 17 | 19 | | | | | | | | | | | | | | | | | | | | |
| 2 | 13 | 18 | 20 | | | | | | | | | | | | | | | | | | | | |
| 2 1/2 | 14 | 15 | 16 | 20 | 25 | | | | | | | | | | | | | | | | | | |
| 3 | 15 | 15 | 17 | 21 | 26 | | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 3 1/2 | 16 | 16 | 18 | 21 | 25 | | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 4 | 17 | 17 | 19 | 23 | 26 | | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 5 | 19 | 17 | 20 | 22 | 25 | | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 6 | 21 | 16 | 18 | 20 | 22 | 40 | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 8 | 24 | 12 | 14 | 17 | 19 | 35 | | 40 | 50 | 60 | | 40 | 50 | 60 | | | | | | | | | |
| 10 | 26 | 10 | 10 | 13 | 17 | 31 | 40 | 40 | 50 | 60 | | 36 | 50 | 60 | | | | | | | | | |
| 12 | 30 | 9 | 9 | 15 | 26 | 37 | 45 | 36 | 50 | 60 | 70 | 32 | 50 | 60 | 70 | | | | | | | | |
| 14 | 32 | 8 | 9 | 15 | 25 | 40 | 45 | 38 | 50 | 60 | 70 | 34 | 50 | 60 | 70 | | | | | | | | |
| 16 | 35 | 8 | 8 | 14 | 24 | 40 | 45 | 39 | 50 | 60 | 70 | 25 | 50 | 60 | 70 | | | | | | | | |
| 18 | 37 | | | 14 | 24 | 40 | 45 | 38 | 50 | 60 | 70 | 34 | 50 | 60 | 70 | | | | | | | | |
| 20 | 39 | | | 14 | 22 | 40 | 45 | 36 | 50 | 60 | 70 | 32 | 50 | 60 | 70 | | | | | | | | |
| 24 | 42 | | | 11 | 20 | 36 | 45 | 32 | 50 | 60 | 70 | 28 | 50 | 60 | 70 | | | | | | | | |
| 30 | 44 | | | 10 | 18 | 32 | 39 | 33 | 50 | 60 | 70 | 30 | 50 | 60 | 70 | | | | | | | | |
| 36 | 48 | | | 9 | 15 | 27 | | 33 | 50 | 60 | 70 | 29 | 50 | 60 | 70 | | | | | | | | |
| 42 | 50 | | | | 12 | 23 | | 31 | 50 | 60 | 70 | 28 | 50 | 60 | 70 | | | | | | | | |

Note: The maximum hanger spacing shown in Table 2 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making a selection. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
Service: Steam
Support Spacing: 30' - 0
Determine: Insulated pipe support model number
Method: In table 2, for 8" pipe size, find the model(s) rated for handling 30'- 0 or greater support spacing. In this case, Model A7200 is selected since it is capable of handling 35'-0 support spacing. The Index Sheets to Sections "A" & "B" indicate some of the differences between models. Check Product Data Sheet for description before making a final selection. In this example, if the support is required to handle +/- 1/2" of axial travel, Model B2000 would be selected (Section "B" Index & Product Data Sheet B2000).

TABLE 3

SERVICE: WATER
APPLICATION: PIPE SUPPORTED FROM ABOVE IN CLEVIS OR 2-BOLT HANGER

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. PRE-INSULATED PIPE SUPPORT MODELS | | | | | | | | | | |
|--|------------------|---------------|-------|-------|---------------|-------|-------|-------|-------|-------|
| Pipe Size | ASME B31.1 (Ref) | A1000 | A3000 | A9000 | D1000 | D2000 | D3000 | D3100 | D3200 | D3300 |
| | | A2000 | A4000 | A5000 | D4000 | D5000 | D6000 | D6100 | D6200 | D6300 |
| | | Clevis Hanger | | | 2-Bolt Hanger | | | | | |
| 1/2 | 7 | 11 | 12 | 13 | | | | | | |
| 3/4 | 7 | 12 | 13 | 15 | | | | | | |
| 1 | 7 | 14 | 15 | 17 | 19 | | | | | |
| 1 1/2 | 9 | 16 | 18 | 19 | 22 | | | | | |
| 2 | 10 | 17 | 18 | 21 | 29 | | | | | |
| 2 1/2 | 11 | 16 | 18 | 21 | 24 | | | | | |
| 3 | 12 | 17 | 18 | 20 | 25 | | | | | |
| 3 1/2 | 13 | 16 | 17 | 19 | 22 | | | | | |
| 4 | 14 | 16 | 18 | 19 | 22 | | | | | |
| 5 | 16 | 15 | 16 | 19 | | 21 | 40 | | | |
| 6 | 17 | 14 | 15 | 16 | | 21 | 40 | | | |
| 8 | 19 | 13 | 13 | 15 | | 22 | 32 | | | |
| 10 | 22 | 12 | 13 | 14 | | 24 | 28 | | | |
| 12 | 23 | 11 | 12 | 13 | | 22 | 26 | | | |
| 14 | 25 | 11 | 12 | 13 | | 20 | 23 | | | |
| 16 | 27 | 10 | 11 | 12 | | 21 | 26 | 40 | | |
| 18 | 28 | 9 | 10 | 11 | | 18 | 22 | 33 | | |
| 20 | 30 | 9 | 9 | 10 | | 16 | 18 | 28 | 37 | |
| 24 | 32 | | 8 | 9 | | 15 | 19 | 29 | 38 | |
| 30 | 33 | | | | | 11 | 13 | 19 | 26 | |

Note: The maximum hanger spacing shown in Table 3 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, water, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making action. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
Service: Water
Support Spacing: 20' - 0
Determine: Insulated pipe support model number
Method: In table 3, for 8" pipe size, find the model(s) rated for handling 20'- 0 or greater support spacing. In this case, Model D3000 is selected since it is capable of handling 22'-0 support spacing. The Index Sheets to Sections "A" & "D" indicate some of the differences between models. Check Product Data Sheet for description before making a final selection. In this example, if the clearance is above the support limited, Model D6000 might be selected (Section "D" Index & Product Data Sheet D6000).

TABLE 4

SERVICE: STEAM, GAS OR AIR
APPLICATION: PIPE SUPPORTED FROM ABOVE IN CLEVIS OR 2-BOLT HANGER

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. PRE-INSULATED PIPE SUPPORT MODELS | | | | | | | | | |
|--|------------------------|---------------|-------|-------|---------------|-------|-------|-------|-------|
| Pipe Size | ASME B31.1 (Ref) | A1000 | A3000 | | D1000 | | | | |
| | | A2000 | A4000 | A9000 | D2000 | D4000 | D3000 | D3100 | D3200 |
| | | Clevis Hanger | | | 2-Bolt Hanger | | | | |
| 1/2 | 8 | 11 | 12 | 13 | | | | | |
| 3/4 | 9 | 12 | 13 | 15 | | | | | |
| 1 | 9 | 15 | 16 | 19 | 21 | | | | |
| 1 1/2 | 12 | 19 | 20 | 22 | 26 | | | | |
| 2 | 13 | 20 | 22 | 25 | 36 | | | | |
| 2 1/2 | 14 | 20 | 22 | 25 | 29 | | | | |
| 3 | 15 | 21 | 24 | 26 | 32 | | | | |
| 3 1/2 | 16 | 21 | 23 | 25 | 29 | | | | |
| 4 | 17 | 23 | 24 | 26 | 31 | | | | |
| 5 | 19 | 22 | 24 | 28 | | 30 | 55 | | |
| 6 | 21 | 22 | 23 | 24 | | 32 | 55 | | |
| 8 | 24 | 21 | 22 | 25 | | 25 | 52 | | |
| 10 | 26 | 20 | 22 | 24 | | 40 | 45 | | |
| 12 | 30 | 20 | 21 | 24 | | 40 | 45 | | |
| 14 | 32 | 21 | 23 | 25 | | 38 | 55 | 60 | |
| 16 | 35 | 21 | 22 | 25 | | 40 | 55 | 60 | |
| 18 | 37 | 21 | 22 | 25 | | 40 | 49 | 60 | |
| 20 | 39 | 21 | 22 | 25 | | 38 | 44 | 60 | 65 |
| 24 | 42 | 20 | 21 | 24 | | 40 | 50 | 60 | 65 |
| 30 | 44 | | | | | 34 | 51 | 60 | 65 |

Note: The maximum hanger spacing shown in Table 4 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making a selection. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
Service: Steam
Support Spacing: 24' - 0
Determine: Insulated pipe support model number
Method: In table 4, for 8" pipe size, find the model(s) rated for handling 24' - 0 or greater support spacing. In this case, Model A9000 is selected since it is capable of handling 25'-0 support spacing. The Index Sheets to Sections "A" & "D" indicate some of the differences between models. Check Product Data Sheet for description before making a final selection. In this example, if the clearance is above the support limited, Model D6000 might be selected (Section "D" Index & Product Data Sheet D6000).

TABLE 5

SERVICE: WATER
APPLICATION: PIPE SUPPORTED FROM BELOW ON PIPE ROLL

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. PRE-INSULATED PIPE SUPPORT MODELS | | | | | | |
|--|---------------|----------------|--|-------|-------|-------|
| Pipe Size | ASME B31.1 | A3000 A4000 | A5000 A6000 | A8000 | A8200 | A8400 |
| | (Ref) | Commercial | Light Insutrial w/Load Distribution Plate | | | |
| 1/2 | 7 | 12 | | | | |
| 3/4 | 7 | 13 | | | | |
| 1 | 7 | 13 | | | | |
| 1 1/2 | 9 | 15 | | | | |
| 2 | 10 | 15 | | | | |
| 2 1/2 | 11 | 12 | 15 | 18 | | |
| 3 | 12 | 12 | 15 | 17 | | |
| 3 1/2 | 13 | 12 | 12 | 16 | | |
| 4 | 14 | 13 | 15 | 16 | | |
| 5 | 16 | | 14 | 15 | | |
| 6 | 17 | | 12 | 13 | 24 | |
| 8 | 19 | | 9 | 10 | 19 | |
| 10 | 22 | | | 10 | 16 | 22 |
| 12 | 23 | | | 12 | 23 | 31 |
| 14 | 25 | | | 11 | 21 | 28 |
| 16 | 27 | | | 10 | 19 | 25 |
| 18 | 28 | | | 9 | 17 | 23 |
| 20 | 30 | | | 8 | 15 | 20 |
| 24 | 32 | | | | 12 | 16 |
| 30 | 33 | | | | 9 | 12 |

Note: The maximum hanger spacing shown in Table 5 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, water, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making a selection. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
Service: Water
Support Spacing: 18' - 0
Determine: Insulated pipe support model number
Method: In table 5, for 8" pipe size, find the model(s) rated for handling 18'- 0 or greater support spacing. In this case, Model A8200 is selected since it is capable of handling 19'-0 support spacing. The Index Sheet to Section "A" indicates some of the differences between models. Check Product Data Sheet for description before making a final selection. If greater support spacings are desired, see Section "B" (Base Mounted Supports).

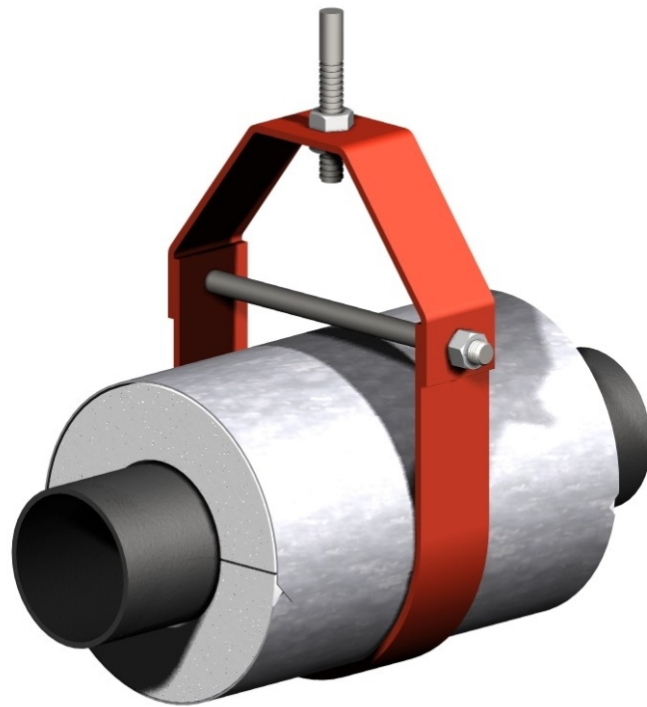
TABLE 6

SERVICE: STEAM, GAS OR AIR
APPLICATION: PIPE SUPPORTED FROM BELOW ON PIPE ROLL

| MAXIMUM HANGER SUPPORT SPACING - FEET FOR VARIOUS PIPE SHIELDS, INC. PRE-INSULATED PIPE SUPPORT MODELS | | | | | | |
|--|---------------|----------------|--|-------|-------|-------|
| Pipe Size | ASME B31.1 | A3000 A4000 | A5000 A6000 | A8000 | A8200 | A8400 |
| | (Ref) | Commercial | Light Industrial w/ Load Distribution Plate | | | |
| 1/2 | 8 | 12 | | | | |
| 3/4 | 9 | 13 | | | | |
| 1 | 9 | 14 | | | | |
| 1 1/2 | 12 | 17 | | | | |
| 2 | 13 | 18 | | | | |
| 2 1/2 | 14 | 15 | 18 | 22 | | |
| 3 | 15 | 15 | 19 | 21 | | |
| 3 1/2 | 16 | 16 | 19 | 21 | | |
| 4 | 17 | 17 | 20 | 23 | | |
| 5 | 19 | | 20 | 22 | | |
| 6 | 21 | | 18 | 20 | 36 | |
| 8 | 24 | | 15 | 17 | 31 | |
| 10 | 26 | | 11 | 17 | 27 | 38 |
| 12 | 30 | | 13 | 23 | 40 | 50 |
| 14 | 32 | | 13 | 22 | 40 | 50 |
| 16 | 35 | | 13 | 22 | 39 | 50 |
| 18 | 37 | | 12 | 21 | 38 | 50 |
| 20 | 39 | | 12 | 20 | 36 | 49 |
| 24 | 42 | | 11 | 18 | 33 | 44 |
| 30 | 44 | | 9 | 16 | 29 | 39 |
| 36 | 48 | | 8 | 13 | 24 | |
| 42 | 50 | | | 11 | 20 | |

Note: The maximum hanger spacing shown in Table 6 are derived from load ratings (see Product Data Sheets) of Pipe Shields Inc. models, assuming weight of standard pipe, and 2" insulation. The customer should be guided by the hanger spacings allowed by the applicable code or the project engineers' specifications before making a selection. Refer to the appropriate Product Data Sheets for additional information such as load rating, compensation for temperature, axial or lateral travel, or restraint, etc.

Example: Given: Pipe Diameter: 8" standard weight
Service: Steam
Support Spacing: 25' - 0
Determine: Insulated pipe support model number
Method: In table 6, for 8" pipe size, find the model (s) rated for handling 25'-0 or greater support spacing. In this case, Model A8200 is selected since it is capable of handling 25'-0 or 31'-0 support spacing. The Index Sheet to Section "A" indicates some of the differences between models. Check Product Data Sheet for description before making a final selection. If greater support spacings are desired, see Section "B" (Base Mounted Supports).



INTRODUCTION

SECTION "A"

PRE-INSULATED PIPE SUPPORTS

APPLICATION – Commercial and Light Industrial

Most Commercial applications are well served by Models A1000 and A2000, which are recommended for use on common 10'-0" hanger space for small bore pipe sizes (see Selection Guide). However, should the need arise, because of increased hanger spacing or the manner in which the insulated support is mounted, heavier duty supports are available.

As is readily seen in the "Section Index" on the following page, some models are meant for installation only in a clevis hanger, on a flat surface, or on a pipe roll. Other models may be installed in any two or all three mounting methods.

The load ratings (see Product Data Sheets) reflect consideration for the manner in which each of these models will be mounted.

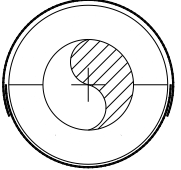
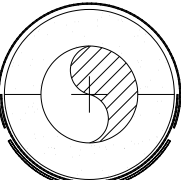
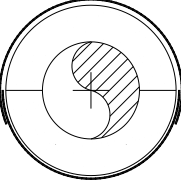
Note that in the A7000 through A7400 Series and the A8000 through A8400 Series, the higher the model number, the higher the load rating.

We are committed to providing the most economical and appropriate insulated pipe support to satisfy the requirements of the piping system.

If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at
713-731-0030 or 1-800-787-5914.

Please acquaint yourself with the selection guide at the front of this catalog and the section index on the page following this introduction, for assistance in determining the most appropriate support for your application.

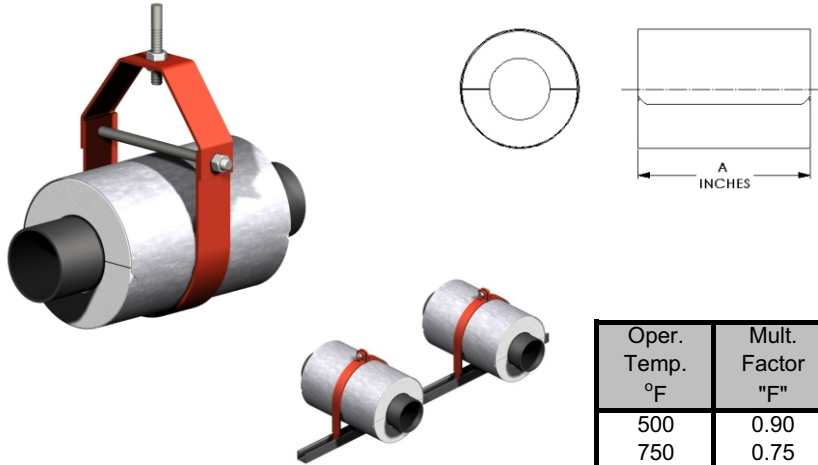
**PRE-INSULATED PIPE SUPPORTS
COMMERCIAL AND LIGHT INDUSTRIAL**

| MODEL | PIPE SIZE RANGE | PRIMARY APPLICATION | | INSTALLED ON | | | DUTY |
|---|-----------------------|------------------------|------|-----------------|------------------|--------------|-----------|
| | | HOT | COLD | FLAT SURFACE | CLEVIS HANGER | PIPE ROLL | |
| | | | | | | | |
|  | | | | | | | |
| A1000 | 1/2 - 24 | X | | X | X | | LIGHT |
| A2000 | 1/2 - 24 | | X | X | X | | LIGHT |
| A3000 | 1/2 - 24 | X | | X | X | | MEDIUM |
| A3000 | 1/2 - 4 | X | | | | X | MEDIUM |
| A4000 | 1/2 - 24 | | X | X | X | | MEDIUM |
| A4000 | 1/2 - 4 | | X | | | X | MEDIUM |
|  | | | | | | | |
| A5000 | 2 1/2 - 42 | X | | X | | X | MED/HEAVY |
| A6000 | 2 1/2 - 42 | | X | X | | X | MED/HEAVY |
| A7000 | 2 1/2 - 42 | X | X | X | | | HEAVY |
| A7200 | 6 - 42 | X | X | X | | | HEAVIER |
| A7400 | 10 - 30 | X | X | X | | | HEAVIEST |
| A8000 | 2 1/2 - 42 | X | X | | | X | HEAVY |
| A8200 | 6 - 42 | X | X | | | X | HEAVIER |
| A8400 | 10 - 30 | X | X | | | X | HEAVIEST |
|  | | | | | | | |
| A9000 | 1/2 - 24 | X | X | | X | | HEAVY |

TO ORDER, specify:

- | | |
|-------------------------|--------|
| 1. Quantity | 20 |
| 2. Pipe Size & Type | 2" IPS |
| 3. Insulation Thickness | 2-1/2" |
| 4. Model Number | A1000 |

EXAMPLE: (20) 2 x 2-1/2 A1000



Hardware sold separately
 Note: For higher load ratings, see A3000, A9000.

| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE III

| Pipe Size | MAXIMUM LOAD RATING (LBS) | |
|-----------|---------------------------|--------------------------|
| | On Flat Surface (a) (c) | In Clevis Hanger (b) (c) |
| 1/2 | 35 | 40 |
| 3/4 | 40 | 45 |
| 1 | 60 | 65 |
| 1 1/4 | 70 | 80 |
| 1 1/2 | 100 | 110 |
| 2 | 125 | 140 |
| 2 1/2 | 150 | 200 |
| 3 | 180 | 250 |
| 3 1/2 | 225 | 300 |
| 4 | 270 | 350 |
| 5 | 350 | 450 |
| 6 | 400 | 550 |
| 8 | 450 | 750 |
| 10 | 500 | 1000 |
| 12 | 550 | 1200 |
| 14 | 575 | 1400 |
| 16 | 600 | 1600 |
| 18 | 625 | 1800 |
| 20 | 675 | 2000 |
| 24 | 750 | 2300 |

TABLE I

Contact factory for other dimensions, temperatures, and loads.
 Available in all insulation thicknesses.

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "A" in Table II.

To develop maximum load rating, use band, ring or clevis hanger with manufacturer's load rating equal to or greater than values shown in Table I.

To obtain load ratings for operating temperatures of 500° F and higher, multiply load rating by factor "F" in Table III.

| Iron Pipe Size | Insulation Thickness | | | | | | | | | | | | | | | | Copper Tubing Size O.D. | | |
|----------------|----------------------|----|-----|----|---|----|-------|----|----|----|-------|----|----|----|-------|----|-------------------------|----|----------------|
| | 1/2 | | 3/4 | | 1 | | 1 1/2 | | 2 | | 2 1/2 | | 3 | | 3 1/2 | | | 4 | |
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | A | B |
| 1/2 - 1 1/2 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8 - 1 5/8 |
| 2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 2 1/8 |
| 2 1/2 - 4 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 2 5/8 - 4 1/8 |
| 5 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 5 1/8 |
| 6 - 7 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 16 | 9 | 16 | 9 | 16 | 6 1/8 |
| 8 - 10 | | | | | | | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 1/8 - 10 1/8 |
| 12 - 18 | | | | | | | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 1/8 |
| 20 - 24 | | | | | | | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | |

TABLE II "B" = gauge of sheet metal jacket

Application:

Model A1000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces
- Band, ring or clevis pipe hanger

Temperature Range: +40°F to +1200°F
 Note: Up to 1700°F available upon request.

Features:

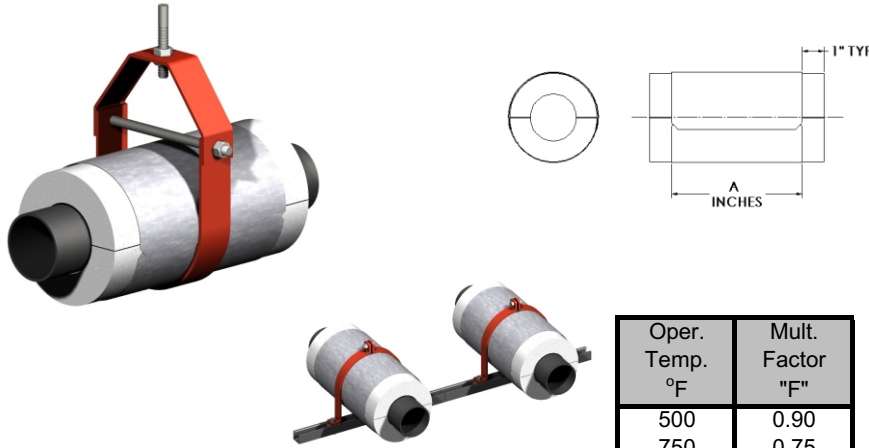
- Compact
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Copper tubing sizes available
- Other I.D.'s and/or O.D.'s available on request
- Clamps available (see G-series)

Performance Test Results on File:
 Available upon request.

Material Data:

- **A1000:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM-A527.
- **Glue:** Industrial contact adhesive

Formal Submittal Sheets available



Hardware sold separately

Note: For higher load ratings, see A4000, A9000.

| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE III

| Pipe Size | MAXIMUM LOAD RATING (LBS) | |
|-----------|---------------------------|--------------------------|
| | On Flat Surface (a) (c) | In Clevis Hanger (b) (c) |
| 1/2 | 35 | 40 |
| 3/4 | 40 | 45 |
| 1 | 60 | 65 |
| 1 1/4 | 70 | 80 |
| 1 1/2 | 100 | 110 |
| 2 | 125 | 140 |
| 2 1/2 | 150 | 200 |
| 3 | 180 | 250 |
| 3 1/2 | 225 | 300 |
| 4 | 270 | 350 |
| 5 | 350 | 450 |
| 6 | 400 | 550 |
| 8 | 450 | 750 |
| 10 | 500 | 1000 |
| 12 | 550 | 1200 |
| 14 | 575 | 1400 |
| 16 | 600 | 1600 |
| 18 | 625 | 1800 |
| 20 | 675 | 2000 |
| 24 | 750 | 2300 |

TABLE I

Contact factory for other dimensions, temperatures, and loads.
Available in all insulation thicknesses.

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "A" in Table II.

To develop maximum load rating, use band, ring or clevis hanger with manufacturer's load rating equal to or greater than values shown in Table I.

To obtain load ratings for operating temperatures of 500°F and higher, multiply load rating by factor "F" in Table III.

| Iron Pipe Size | Insulation Thickness | | | | | | | | | | | | | | | | Copper Tubing Size O.D. | | | | | |
|----------------|----------------------|----|-----|----|---|----|-------|----|----|----|-------|----|----|----|-------|----|-------------------------|----|----|----|----------------|--------|
| | 1/2 | | 3/4 | | 1 | | 1 1/2 | | 2 | | 2 1/2 | | 3 | | 3 1/2 | | | 4 | | | | |
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | A | B | | | |
| 1/2 - 1 1/2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8 - 15/8 | |
| 2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 2 1/8 | |
| 2 1/2 - 4 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 2 5/8 - 4 1/8 | |
| 5 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 5 1/8 | |
| 6 - 7 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 6 1/8 | |
| 8 - 10 | | | | | | | | | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 1/8 - 10 1/8 | |
| 12 - 18 | | | | | | | | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 1/8 |
| 20 - 24 | | | | | | | | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | |

TABLE II "B" = gauge of sheet metal jacket

Application:

Model A2000 is designed for use on:

- Cold Water
- Chilled Water

Intended for installation on:

- Flat Surfaces
- Band, ring or clevis pipe hangers

Temperature Range: +40°F to +1200°F

Note: Up to 1700°F available upon request.

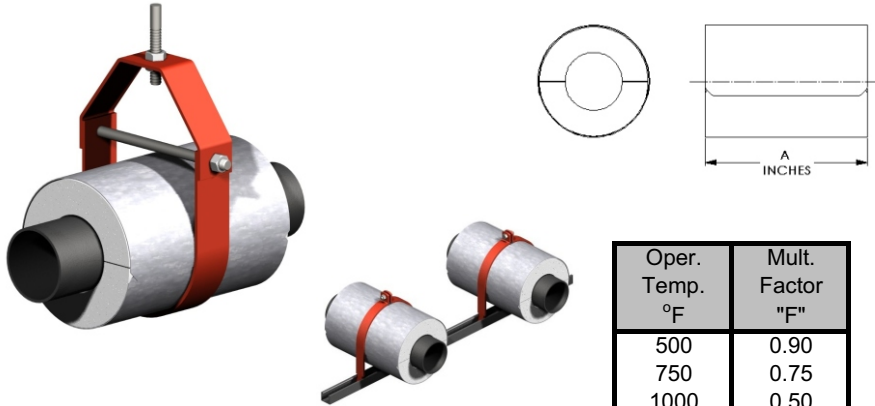
Features:

- Compact
 - Easy Installation
 - Eliminates welding to pipe
 - Overlapping galvanized sheet metal jacket
 - Minimizes heat-loss and/or condensation
 - Calcium silicate insulation extends 1" beyond the galvanized sheet metal jacket providing for an easier vapor barrier joint with the pipe insulation
 - Copper tubing sizes available
 - Other I.D.'s and/or O.D.'s available on request
 - Clamps available see (G-series)
- Performance Test Results on File:
Available upon request.

Material Data:

- **A2000:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM-A527.
- **Glue:** Industrial contact adhesive

Formal Submittal Sheets available



Hardware sold separately
 Note: For higher load ratings, see A5000, A9000.

| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE III

| Pipe Size | MAXIMUM LOAD RATING (LBS) | | |
|-----------|----------------------------|-------------------------|-------------------------------------|
| | On Flat Surface (a) (d) | On Pipe Roll (b) (d) | In Ring or Clevis Hanger (c) (d) |
| 1/2 | 40 | 35 | 45 |
| 3/4 | 45 | 40 | 50 |
| 1 | 65 | 60 | 70 |
| 1 1/4 | 80 | 70 | 90 |
| 1 1/2 | 110 | 100 | 120 |
| 2 | 140 | 125 | 155 |
| 2 1/2 | 165 | 150 | 220 |
| 3 | 200 | 180 | 275 |
| 3 1/2 | 250 | 225 | 325 |
| 4 | 300 | 270 | 375 |
| 5 | 400 | See A5000 | 475 |
| 6 | 450 | | 575 |
| 8 | 500 | | 800 |
| 10 | 525 | | 1100 |
| 12 | 575 | | 1300 |
| 14 | 600 | | 1500 |
| 16 | 625 | | 1700 |
| 18 | 650 | | 1900 |
| 20 | 700 | | 2100 |
| 24 | 775 | | 2400 |

TABLE I

Contact factory for other dimensions, temperatures, loads.
 Available in all insulation thicknesses.

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "A" in Table II.

Divide "A" in Table II by 6 to find maximum allowable travel on pipe roll (+/- from centered position).

To develop maximum load rating, use band, ring or clevis hanger with manufacturer's load rating equal to or greater than values shown in Table I.

To obtain load ratings for operating temperatures of 500°F and higher, multiply load rating by factor "F" in Table III.

| Iron Pipe Size | Insulation Thickness | | | | | | | | | | | | | | | | Copper Tubing Size O.D. | | |
|----------------|----------------------|----|-----|----|---|----|-------|----|----|----|-------|----|----|----|-------|----|-------------------------|----|----------------|
| | 1/2 | | 3/4 | | 1 | | 1 1/2 | | 2 | | 2 1/2 | | 3 | | 3 1/2 | | | 4 | |
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | A | B |
| 1/2 - 1 1/2 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8 - 1 5/8 |
| 2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 2 1/8 |
| 2 1/2 - 4 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 2 5/8 - 4 1/8 |
| 5 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 5 1/8 |
| 6 - 7 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 16 | 9 | 16 | 9 | 16 | 6 1/8 |
| 8 - 10 | | | | | | | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 1/8 - 10 1/8 |
| 12 - 18 | | | | | | | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 1/8 |
| 20 - 24 | | | | | | | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | |

TABLE II "B" = gauge of sheet metal jacket (bottom jacket approx. 2 X ga. of top jacket)

Application:
 Model A3000 is designed for use on:
 · Hot Water · Steam
 · Cold Water · Air
 · Chilled Water · Gas
 · Dual Temperature · Vacuum

Intended for installation on:
 · Flat Surfaces · Pipe Rolls
 · Band, ring or clevis pipe hanger

Temperature Range: +40°F to +1200°F
 Note: Up to 1700°F available upon request.

Features:

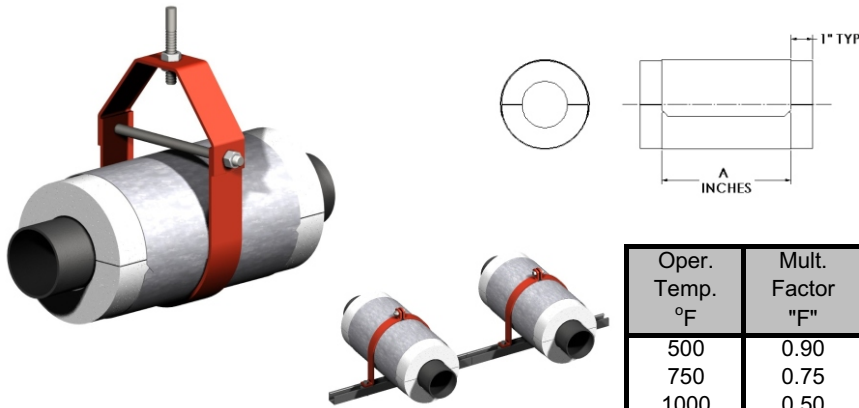
- Compact
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Double thickness bottom jacket for added structural strength and abrasive wear resistance
- Copper tubing sizes available
- Other I.D.'s and/or O.D.'s available on request
- Clamps available (see G-series)

Performance Test Results on File:
 Available upon request.

Material Data:

- **A3000:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM-A527.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



Hardware sold separately

Note: For higher load ratings, see A6000, A9000

| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE III

| Pipe Size | MAXIMUM LOAD RATING (LBS) | | |
|-----------|---------------------------|----------------------|----------------------------------|
| | On Flat Surface (a) (d) | On Pipe Roll (b) (d) | In Ring or Clevis Hanger (c) (d) |
| 1/2 | 40 | 35 | 45 |
| 3/4 | 45 | 40 | 50 |
| 1 | 65 | 60 | 70 |
| 1 1/4 | 80 | 70 | 90 |
| 1 1/2 | 110 | 100 | 120 |
| 2 | 140 | 125 | 155 |
| 2 1/2 | 165 | 150 | 220 |
| 3 | 200 | 180 | 275 |
| 3 1/2 | 250 | 225 | 325 |
| 4 | 300 | 270 | 375 |
| 5 | 400 | See A6000 | 475 |
| 6 | 450 | | 575 |
| 8 | 500 | | 800 |
| 10 | 525 | | 1100 |
| 12 | 575 | | 1300 |
| 14 | 600 | | 1500 |
| 16 | 625 | | 1700 |
| 18 | 650 | | 1900 |
| 20 | 700 | | 2100 |
| 24 | 775 | | 2400 |

TABLE I

Contact factory for other dimensions, temperatures, loads.
Available in all insulation thicknesses.

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "A" in Table II.

Divide "A" in Table II by 6 to find maximum allowable travel on pipe roll (+/- from centered position).

To develop maximum load rating use band, ring or clevis hanger with manufacturer's load rating equal to or greater than values shown in Table I.

To obtain load ratings for operating temperatures of 500°F and higher, multiply load rating by factor "F" in Table III.

| Iron Pipe Size | Insulation Thickness | | | | | | | | | | | | | | | | Copper Tubing Size O.D. | | | |
|----------------|----------------------|----|-----|----|---|----|-------|----|----|----|-------|----|----|----|-------|----|-------------------------|----|---------------|----------------|
| | 1/2 | | 3/4 | | 1 | | 1 1/2 | | 2 | | 2 1/2 | | 3 | | 3 1/2 | | | 4 | | |
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | A | B | |
| 1/2 - 1 1/2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8-1 5/8 | |
| 2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 2 1/8 | |
| 2 1/2 - 4 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 2 5/8 - 4 1/8 | |
| 5 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 5 1/8 | |
| 6 - 7 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 16 | 9 | 16 | 9 | 16 | 6 1/8 | |
| 8 - 10 | | | | | | | | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 1/8 - 10 1/8 |
| 12 - 18 | | | | | | | | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 1/8 |
| 20 - 24 | | | | | | | | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | |

TABLE II "B" = gauge of sheet metal jacket (bottom jacket approx. 2 X ga. of top jacket)

Application:

Model A4000 is designed for use on:
· Cold Water · Chilled Water

Intended for installation on:
· Flat Surfaces · Pipe Rolls
· Band, ring or clevis pipe hanger

Temperature Range: +40°F to +1200°F
Note: Up to 1700°F available upon request.

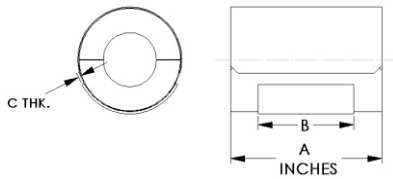
Features:

- Compact
 - Easy Installation
 - Eliminates welding to pipe
 - Overlapping galvanized sheet metal jacket
 - Double thickness bottom jacket for added structural strength and abrasive wear resistance
 - Minimizes heat-loss and/or condensation
 - Calcium silicate insulation extends 1" beyond the galvanized sheet metal jacket providing for an easier vapor barrier joint with the pipe
 - Copper tubing sizes available
 - Other I.D.'s and/or O.D.'s available on request
 - Clamps available (see G-series)
- Performance Test Results on File:
Available upon request.

Material Data:

- **A4000:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM-A527.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

| Pipe Size | MAXIMUM LOAD RATING (LBS) | | A | B | C | Max. Axial Travel (inches) on Pipe Roll +/- |
|-----------|---------------------------|--------------|----|---|-----|---|
| | On Flat Surface | On Pipe Roll | | | | |
| | (a) (b) | (b) | | | | |
| 2 1/2 | 200 | 180 | 9 | 6 | 1/4 | 2 |
| 3 | 250 | 225 | 9 | 6 | 1/4 | 2 |
| 3 1/2 | 300 | 270 | 9 | 6 | 1/4 | 2 |
| 4 | 350 | 315 | 9 | 6 | 1/4 | 2 |
| 5 | 450 | 400 | 9 | 6 | 1/4 | 2 |
| 6 | 500 | 450 | 9 | 6 | 1/4 | 2 |
| 8 | 625 | 550 | 9 | 6 | 1/4 | 2 |
| 10 | 650 | 575 | 9 | 6 | 1/4 | 2 |
| 12 | 925 | 825 | 12 | 9 | 3/8 | 3 |
| 14 | 1000 | 900 | 12 | 9 | 3/8 | 3 |
| 16 | 1100 | 975 | 12 | 9 | 1/2 | 3 |
| 18 | 1200 | 1075 | 12 | 9 | 1/2 | 3 |
| 20 | 1300 | 1150 | 12 | 9 | 1/2 | 3 |
| 24 | 1400 | 1250 | 12 | 9 | 3/4 | 3 |
| 30 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |
| 36 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |
| 42 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |

TABLE I

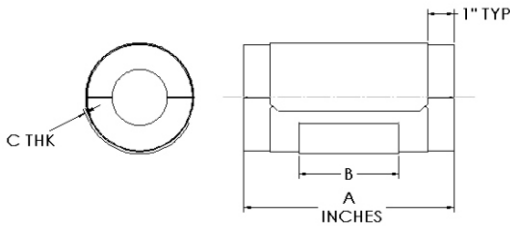
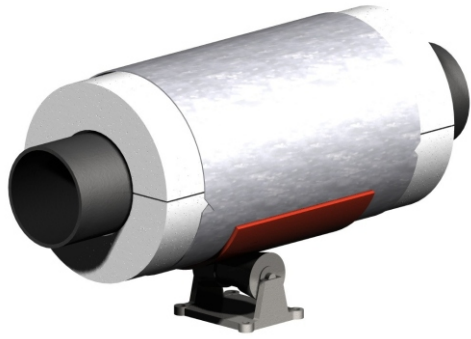
Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Hardware sold separately
 Note: For higher load ratings, see A7000

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "B" in Table I.
 To obtain load ratings for operating temperatures of 500°F and higher, multiply maximum load rating by factor "F" in Table II.

| | | |
|--|---|--|
| <p>Application:</p> <p>Model A5000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces · Pipe Rolls <p>Temperature Range: +40°F to +1200°F Note: Up to 1700°F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy Installation · Eliminates welding to pipe · Copper tubing sizes available · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Load distribution plate integral with bottom jacket · Other I.D.'s and/or O.D.'s available upon request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · A5000: Applicable PSI spec. doc.: No. 205. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Load distribution Plate: Carbon steel ASTM A-36 · Coating: Primer coated or hot-dip galvanized. Other coatings available upon request. · Glue: Industrial contact adhesive. <p>Formal Submittal Sheets available</p> |
|--|---|--|



| Oper. Temp. °F | Mult. Factor "F" |
|----------------|------------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

| Pipe Size | MAXIMUM LOAD RATING (LBS) | | A | B | C | Max. Axial Travel (inches) on Pipe Roll +/- |
|-----------|---------------------------|--------------|----|---|-----|---|
| | On Flat Surface | On Pipe Roll | | | | |
| | (a) (b) | (b) | | | | |
| 2 1/2 | 200 | 180 | 9 | 6 | 1/4 | 2 |
| 3 | 250 | 225 | 9 | 6 | 1/4 | 2 |
| 3 1/2 | 300 | 270 | 9 | 6 | 1/4 | 2 |
| 4 | 350 | 315 | 9 | 6 | 1/4 | 2 |
| 5 | 450 | 400 | 9 | 6 | 1/4 | 2 |
| 6 | 500 | 450 | 9 | 6 | 1/4 | 2 |
| 8 | 625 | 550 | 9 | 6 | 1/4 | 2 |
| 10 | 650 | 575 | 9 | 6 | 1/4 | 2 |
| 12 | 925 | 825 | 12 | 9 | 3/8 | 3 |
| 14 | 1000 | 900 | 12 | 9 | 3/8 | 3 |
| 16 | 1100 | 975 | 12 | 9 | 1/2 | 3 |
| 18 | 1200 | 1075 | 12 | 9 | 1/2 | 3 |
| 20 | 1300 | 1150 | 12 | 9 | 1/2 | 3 |
| 24 | 1400 | 1250 | 12 | 9 | 3/4 | 3 |
| 30 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |
| 36 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |
| 42 | 1500 | 1350 | 12 | 9 | 3/4 | 3 |

TABLE I

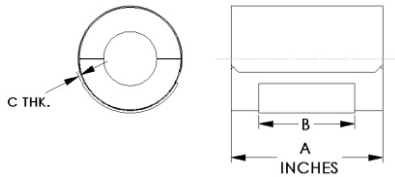
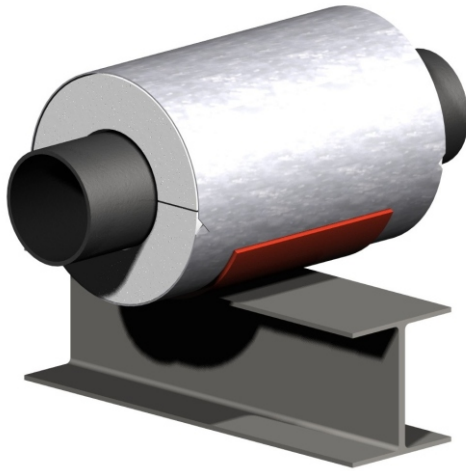
Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Hardware sold separately
 Note: For higher load ratings, see A7000

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "B" in Table I.
 To obtain load ratings for operating temperatures of 500°F and higher, multiply maximum load rating by factor "F" in Table II.

| | | |
|--|--|--|
| <p>Application:</p> <p>Model A6000 is designed for use on:</p> <ul style="list-style-type: none"> · Cold Water · Chilled Water <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces · Pipe Rolls <p>Temperature Range: +40°F to +1200°F Note: Up to 1700°F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy Installation · Eliminates welding to pipe · Copper tubing sizes available · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Load distribution plate integral with bottom jacket · Calcium silicate insulation extends 1" beyond the galvanized sheet metal jacket providing for an easier vapor barrier joint with the pipe · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · A6000: Applicable PSI spec. doc.: No. 205. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTMA-527. · Load distribution Plate: Carbon steel ASTM A-36 · Coating: Primer coated or hot-dip galvanized. Other coatings available upon request. · Glue: Industrial contact adhesive <p>Formal Submittal Sheets available</p> |
|--|--|--|



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C |
|-----------|-------------------------|---|---|-----|
| | On Flat Surface (a) | | | |
| 2 1/2 | 250 | 6 | 3 | 1/4 |
| 3 | 300 | 6 | 3 | 1/4 |
| 3 1/2 | 350 | 6 | 3 | 1/4 |
| 4 | 400 | 6 | 3 | 1/4 |
| 5 | 500 | 6 | 3 | 1/4 |
| 6 | 550 | 6 | 3 | 1/4 |
| 8 | 700 | 6 | 3 | 1/4 |
| 10 | 875 | 9 | 6 | 3/8 |
| 12 | 1600 | 9 | 6 | 3/8 |
| 14 | 1650 | 9 | 6 | 3/8 |
| 16 | 1850 | 9 | 6 | 1/2 |
| 18 | 2000 | 9 | 6 | 1/2 |
| 20 | 2100 | 9 | 6 | 1/2 |
| 24 | 2300 | 9 | 6 | 3/4 |
| 30 | 2500 | 9 | 6 | 3/4 |
| 36 | 2500 | 9 | 6 | 3/4 |
| 42 | 2500 | 9 | 6 | 3/4 |

TABLE I

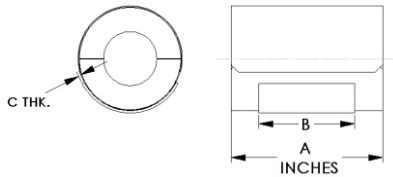
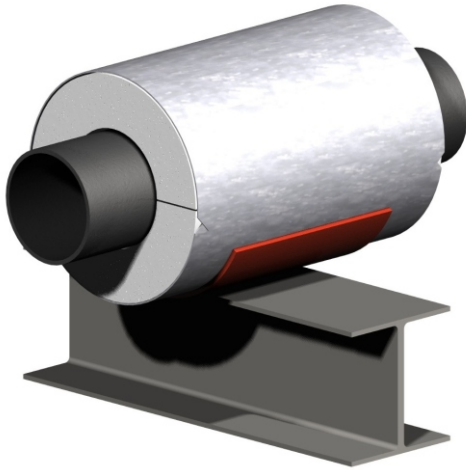
Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Note: For higher load ratings, see A7200

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "B" in Table I.

| | | |
|--|--|---|
| <p>Application:</p> <p>Model A7000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces · Pipe rolls, see A8200 · Clevis hangers, see A9000 <p>Temperature Range: +40°F to +1200°F Note: Up to 1700°F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy Installation · Eliminates welding to pipe · Copper tubing sizes available · Minimizes heat-loss and/or condensation · Insulating structural inserts for load transfer · Overlapping galvanized sheet metal jacket · Other I.D.'s and/or O.D.'s available on request · Load distribution plate integral with bottom jacket <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · A7000: Applicable PSI spec. doc.: No. 205. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Structural Inserts: High-density calcium silicate asbestos-free, treated with water repellent. · Load Distribution Plate: Carbon steel ASTM A-36 · Coating: Primer coated or hot-dip galvanized. Other coatings available upon request. · Glue: Industrial contact adhesive. <p>Formal Submittal Sheets available</p> |
|--|--|---|



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C |
|-----------|-------------------------|---|---|-----|
| | On Flat Surface (a) | | | |
| 6 | 1000 | 9 | 6 | 1/2 |
| 8 | 1250 | 9 | 6 | 1/2 |
| 10 | 1550 | 9 | 6 | 5/8 |
| 12 | 2250 | 9 | 6 | 5/8 |
| 14 | 2780 | 9 | 6 | 5/8 |
| 16 | 3300 | 9 | 6 | 3/4 |
| 18 | 3600 | 9 | 6 | 3/4 |
| 20 | 3800 | 9 | 6 | 3/4 |
| 24 | 4100 | 9 | 6 | 1 |
| 30 | 4500 | 9 | 6 | 1 |
| 36 | 4500 | 9 | 6 | 1 |
| 42 | 4500 | 9 | 6 | 1 |

TABLE I

Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Note: For higher load ratings, see A7400, B1100

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "B" in Table I.

Application:

Model A7200 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Vacuum
- Steam
- Gas
- Air

Intended for installation on:

- Flat Surfaces
- Pipe rolls, see A8200
- Clevis hangers, see A9000

Temperature Range: +40°F to +1200°F

Note: Up to 1700°F available upon request.

Features:

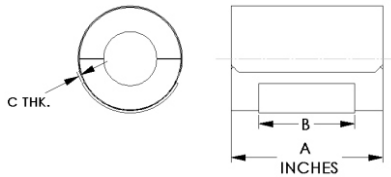
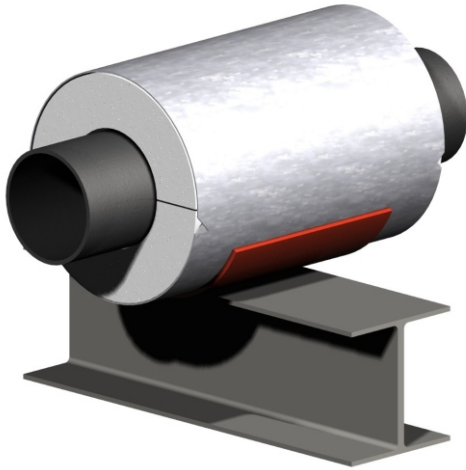
- Compact
- Easy Installation
- Eliminates welding to pipe
- Copper tubing sizes available
- Minimizes heat-loss and/or condensation
- Insulating structural inserts for load transfer
- Overlapping galvanized sheet metal jacket
- Other I.D.'s and/or O.D.'s available on request
- Load distribution plate integral with bottom jacket

Performance Test Results on File:
Available upon request

Material Data:

- **A7200:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Structural Inserts:** High-density calcium silicate asbestos-free, treated with water repellant.
- **Load distribution Plate:** Carbon steel ASTM A-36
- **Coating:** Primer coated or hot-dip galvanized. Other coatings available upon request.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C |
|-----------|-------------------------|---|---|-----|
| | On Flat Surface (a) | | | |
| 10 | 2100 | 9 | 6 | 3/4 |
| 12 | 3400 | 9 | 6 | 3/4 |
| 14 | 3900 | 9 | 6 | 3/4 |
| 16 | 4400 | 9 | 6 | 1 |
| 18 | 4800 | 9 | 6 | 1 |
| 20 | 5100 | 9 | 6 | 1 |
| 24 | 5500 | 9 | 6 | 1 |
| 30 | 5500 | 9 | 6 | 1 |

Table I

Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Note: For higher load ratings, see B1200

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To develop maximum load rating, width of support surface should be at least 1/2 of dimension "B" in Table I.

Application:

Model A7400 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Chilled Water
- Dual Temperature

Intended for installation on:

- Flat Surfaces
- Pipe rolls, see A8400
- Clevis hangers, see A9000

Temperature Range: +40°F to +1200°F

Note: Up to 1700°F available upon request.

Features:

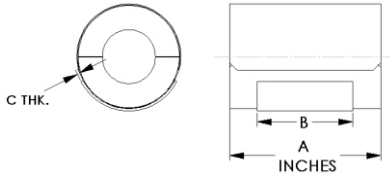
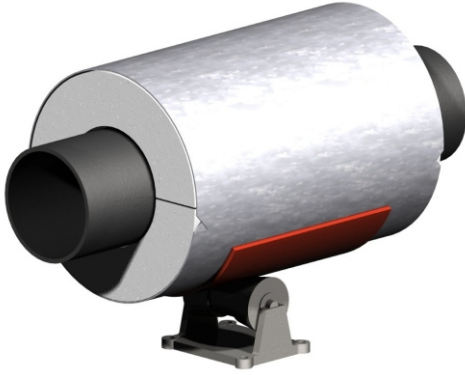
- Compact
- Easy Installation
- Eliminates welding to pipe
- Copper tubing sizes available
- Minimizes heat-loss and/or condensation
- Insulating structural inserts for load transfer
- Overlapping galvanized sheet metal jacket
- Other I.D.'s and/or O.D.'s available on request
- Load distribution plate integral with bottom jacket

Performance Test Results on File:
Available upon request.

Material Data:

- **A7400:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Structural Inserts:** High-density calcium silicate asbestos-free, treated with water repellent.
- **Load distribution Plate:** Carbon steel ASTM A-36
- **Coating:** Primer coated or hot-dip galvanized. Other coatings available upon request.
- **Glue:** Industrial contact adhesive

Formal Submittal Sheets available



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C | Max. Axial Travel (Inches) on Pipe Roll |
|-----------|-------------------------|----|---|-----|---|
| | On Pipe Roll | | | | |
| 2 1/2 | 225 | 9 | 6 | 1/4 | 2 |
| 3 | 250 | 9 | 6 | 1/4 | 2 |
| 3 1/2 | 300 | 9 | 6 | 1/4 | 2 |
| 4 | 350 | 9 | 6 | 1/4 | 2 |
| 5 | 450 | 9 | 6 | 1/4 | 2 |
| 6 | 500 | 9 | 6 | 1/4 | 2 |
| 8 | 625 | 9 | 6 | 1/4 | 2 |
| 10 | 875 | 12 | 9 | 3/8 | 4 |
| 12 | 1400 | 12 | 9 | 3/8 | 4 |
| 14 | 1475 | 12 | 9 | 3/8 | 4 |
| 16 | 1650 | 12 | 9 | 1/2 | 4 |
| 18 | 1800 | 12 | 9 | 1/2 | 4 |
| 20 | 1875 | 12 | 9 | 1/2 | 4 |
| 24 | 2050 | 12 | 9 | 3/4 | 4 |
| 30 | 2250 | 12 | 9 | 3/4 | 4 |
| 36 | 2250 | 12 | 9 | 3/4 | 4 |
| 42 | 2250 | 12 | 9 | 3/4 | 4 |

TABLE I

Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Hardware sold separately

Note: For higher load ratings, see A8200

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Application:

Model A8000 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Vacuum
- Steam
- Gas
- Air

Intended for installation on:

- Flat Surfaces
- Pipe rolls, see A7000
- Clevis hangers, see A9000

Temperature Range: +40°F to +1200°F

Note: Up to 1700°F available upon request.

Features:

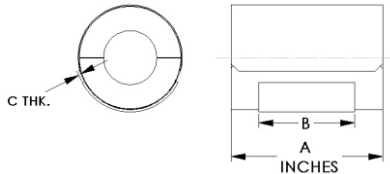
- Compact
- Easy Installation
- Eliminates welding to pipe
- Copper tubing sizes available
- Minimizes heat-loss and/or condensation
- Insulating structural inserts for load transfer
- Overlapping galvanized sheet metal jacket
- Other I.D.'s and/or O.D.'s available on request
- Load distribution plate integral with bottom jacket

Performance Test Results on File:
Available upon request.

Material Data:

- **A8000:** Applicable PSI spec. doc. No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Structural Inserts:** High-density calcium silicate asbestos-free, treated with water repellent.
- **Load Distribution Plate:** Carbon steel ASTM A-36
- **Coating:** Primer coated or hot-dip galvanized. Other coatings available upon request.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C | Max. Axial Travel (Inches) on Pipe Roll |
|-----------|-------------------------|----|---|-----|---|
| | On Pipe Roll | | | | |
| 6 | 900 | 12 | 9 | 1/2 | 3 |
| 8 | 1125 | 12 | 9 | 1/2 | 3 |
| 10 | 1375 | 12 | 9 | 5/8 | 3 |
| 12 | 2550 | 12 | 9 | 5/8 | 3 |
| 14 | 2650 | 12 | 9 | 5/8 | 3 |
| 16 | 2950 | 12 | 9 | 3/4 | 3 |
| 18 | 3200 | 12 | 9 | 3/4 | 3 |
| 20 | 3375 | 12 | 9 | 3/4 | 3 |
| 24 | 3675 | 12 | 9 | 1 | 3 |
| 30 | 4050 | 12 | 9 | 1 | 3 |
| 36 | 4050 | 12 | 9 | 1 | 3 |
| 42 | 4050 | 12 | 9 | 1 | 3 |

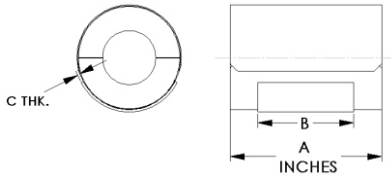
TABLE I

Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Hardware sold separately
 Note: For higher load ratings, see A8400, B1100

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

| | | |
|---|--|---|
| <p>Application:</p> <p>Model A8200 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Chilled Water · Dual Temperature <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Pipe rolls · Flat surface, see A7200 · Clevis hangers, see A9000 <p>Temperature Range: +40°F to +1200°F Note: Up to 1700°F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy Installation · Eliminates welding to pipe · Copper tubing sizes available · Minimizes heat-loss and/or condensation · Insulating structural inserts for load transfer · Overlapping galvanized sheet metal jacket · Other I.D.'s and/or O.D.'s available on request · Load distribution plate integral with bottom jacket <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · A8200: Applicable PSI spec. doc.: No. 205. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Structural Inserts: High-density calcium silicate asbestos-free, treated with water repellent. · Load distribution Plate: Carbon steel ASTM A-36 · Coating: Primer coated or hot-dip galvanized. Other coatings available upon request. · Glue: Industrial contact adhesive. <p>Formal Submittal Sheets available</p> |
|---|--|---|



| Pipe Size | MAXIMUM LOAD RTG. (LBS) | A | B | C | Max. Axial Travel (Inches) on Pipe Roll |
|-----------|-------------------------|----|---|---|---|
| | On Pipe Roll | | | | |
| 10 | 1875 | 12 | 9 | 1 | 2 1/4 |
| 12 | 3400 | 12 | 9 | 1 | 2 1/4 |
| 14 | 3500 | 12 | 9 | 1 | 2 1/4 |
| 16 | 3950 | 12 | 9 | 1 | 2 1/4 |
| 18 | 4300 | 12 | 9 | 1 | 2 1/4 |
| 20 | 4550 | 12 | 9 | 1 | 2 1/4 |
| 24 | 4950 | 12 | 9 | 1 | 2 1/4 |
| 30 | 5450 | 12 | 9 | 1 | 2 1/4 |

TABLE I

Contact factory for other dimensions, temperatures, and loads. Available in all insulation thicknesses.

Hardware sold separately

Note: For higher load ratings, see B1200

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Application:

Model A8400 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Vacuum
- Steam
- Gas
- Air

Intended for installation on:

- Pipe rolls
- Flat surface, see A7400
- Clevis hangers, see A9000

Temperature Range: +40°F to +1200°F

Note: Up to 1700°F available upon request.

Features:

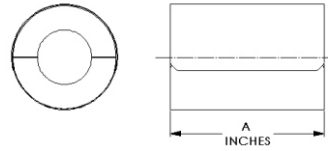
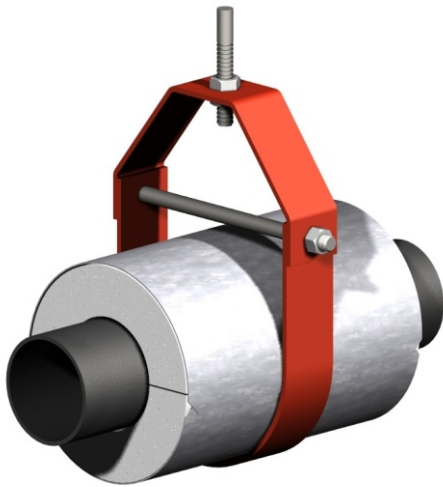
- Compact
- Easy Installation
- Eliminates welding to pipe
- Copper tubing sizes available
- Minimizes heat-loss and/or condensation
- Insulating structural inserts for load transfer
- Overlapping galvanized sheet metal jacket
- Other I.D.'s and/or O.D.'s Available on request
- Load distribution plate integral with bottom jacket

Performance Test Results on File:
Available upon request.

Material Data:

- **A8400:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Structural Inserts:** High-density calcium silicate asbestos-free, treated with water repellant.
- **Load distribution Plate:** Carbon steel ASTM A-36
- **Coating:** Primer coated or hot-dip galvanized. Other coatings Available upon request.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



| Pipe Size | MAXIMUM LOAD RTG. (LBS) |
|-----------|------------------------------|
| | In Ring or Clevis Hanger (a) |
| 1/2 | 50 |
| 3/4 | 55 |
| 1 | 80 |
| 1 1/4 | 100 |
| 1 1/2 | 130 |
| 2 | 175 |
| 2 1/2 | 250 |
| 3 | 300 |
| 3 1/2 | 350 |
| 4 | 400 |
| 5 | 550 |
| 6 | 600 |
| 8 | 900 |
| 10 | 1200 |
| 12 | 1450 |
| 14 | 1650 |
| 16 | 1900 |
| 18 | 2150 |
| 20 | 2400 |
| 24 | 2750 |

TABLE I

Hardware sold separately
 Note: For higher load ratings, see D1000, D3000

The load ratings represent average values obtained in accordance with accepted methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

To develop maximum load rating use band, ring or clevis hanger with manufacturer's load rating equal to or greater than values shown in Table I.

Contact factory for other dimensions, temperatures, loads.
 Available in all insulation thicknesses.

| Iron Pipe Size | Insulation Thickness | | | | | | | | | | | | | | | | Copper Tubing Size O.D. | | | |
|----------------|----------------------|----|-----|----|---|----|-------|----|----|----|-------|----|----|----|-------|----|-------------------------|----|---------------|----------------|
| | 1/2 | | 3/4 | | 1 | | 1 1/2 | | 2 | | 2 1/2 | | 3 | | 3 1/2 | | | 4 | | |
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | | A | B | |
| 1/2 - 1 1/2 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 4 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 5/8-1 5/8 | |
| 2 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 6 | 24 | 2 1/8 | |
| 2 1/2 - 4 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 2 5/8 - 4 1/8 | |
| 5 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 20 | 9 | 20 | 9 | 20 | 5 1/8 | |
| 6 - 7 | | | | | 6 | 20 | 6 | 20 | 6 | 20 | 6 | 20 | 9 | 16 | 9 | 16 | 9 | 16 | 6 1/8 | |
| 8 - 10 | | | | | | | | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 9 | 16 | 8 1/8 - 10 1/8 |
| 12 - 18 | | | | | | | | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 | 16 | 12 1/8 |
| 20 - 24 | | | | | | | | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 16 | |

TABLE II "B" = gauge of sheet metal jacket (bottom jacket approx. 2 X ga. of top jacket)

Application:

Model A9000 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Vacuum
- Steam
- Gas
- Air

Intended for installation on:

- Band, ring or clevis pipe hangers
- Flat surfaces, see A7000
- Pipe rolls, see A8000

Temperature Range: +40°F to +1200°F
 Note: Up to 1700°F available upon request.

Features:

- Compact
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Insulating structural inserts for load transfer
- Copper Tubing available
- Other I.D.'s and/or O.D.'s available on request

Performance Test Results on File:
 Available upon request.

Material Data:

- **A9000:** Applicable PSI spec. doc.: No. 205.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Structural Inserts :** High-density calcium silicate asbestos-free, treated with water repellent.
- **Glue:** Industrial contact adhesive.

Formal Submittal Sheets available



INTRODUCTION

SECTION "B"

PRE-INSULATED PIPE SUPPORTS - Base Mounted

APPLICATION – Heavy Industrial and Large HVAC Distribution Systems

Features:

- Accommodation of thermal movement
- Provision of lateral guide or restraint
- Minimization of side friction loads
- Wide range of maximum load requirements for each pipe size

In each model number series (for example: B1000 through B1300 Series), the higher the model number, the higher the load rating.

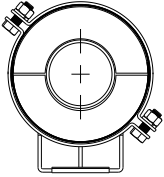
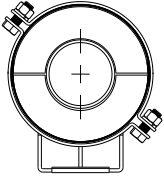
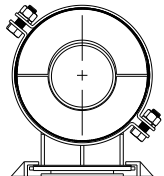
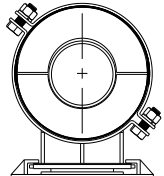
| | |
|----------------------|---|
| Models B1000 - B1300 | Sliding supports free to travel axially and laterally. |
| Models B2000 - B2300 | Same as B1000 - B1300 except can accommodate greater axial travel. |
| Models B3000 - B3300 | Sliding supports with lateral guides. |
| Models B4000 - B4300 | Same as B3000 - B3300 except can accommodate greater axial travel. |
| Models B5000 - B5300 | Same as B1000 - B1300 except can accommodate greater lateral travel. |
| Models B6000 - B6300 | Same as B2000 - B2300 except can accommodate greater lateral travel. |
| Models B7000 - B7300 | Same as B3000 - B3300 except with reduced vertical load ratings to allow greater lateral loads. Minimum side friction is assured by the addition of lateral slide pads. |
| Models B8000 - B8300 | Same as B4000 - B4300 except with reduced vertical load ratings to allow greater lateral loads. Minimum side friction is assured by the addition of lateral slide pads. |

To meet special thermal movement requirements, Pipe Shields Inc. has provided supports that have accommodated axial travels in excess of five (5) feet. By modifying our standard pipe support concept with combinations of structural insulation materials, steel base and strap design, and slide plate configuration, we can readily and economically respond to virtually any pipe support requirement.

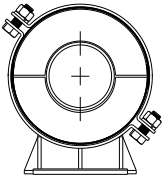
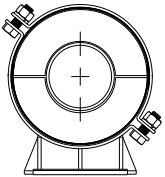
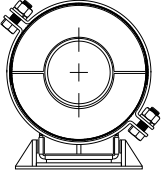
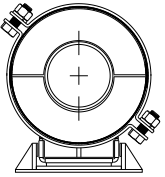
If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at 713-731-0030 or 1-800-787-5914.

Please acquaint yourself with the selection guide at the front of this catalog and the section index on the page following this introduction, for assistance in determining the most appropriate support for your application.

**PRE-INSULATED PIPE SUPPORTS
HEAVY INDUSTRIAL - BASE MOUNTED**

| MODEL | PIPE SIZE RANGE | TRAVEL (INCHES) +/- | | LATERAL GUIDE | DUTY |
|---|-----------------------|------------------------|---------|------------------|----------|
| | | AXIAL | LATERAL | | |
|  | | | | | |
| B1000 | 1/2 - 42 | 1.5 | 1.5 | NO | MEDIUM |
| B1100 | 1/2 - 42 | 1.5 | 1.5 | NO | HEAVY |
| B1200 | 1/2 - 42 | 1.5 | 1.5 | NO | HEAVIER |
| B1300 | 1/2 - 42 | 1.5 | 1.5 | NO | HEAVIEST |
|  | | | | | |
| B2000 | 1/2 - 42 | 4.5 | 1.5 | NO | MEDIUM |
| B2100 | 1/2 - 42 | 4.5 | 1.5 | NO | HEAVY |
| B2200 | 1/2 - 42 | 4.5 | 1.5 | NO | HEAVIER |
| B2300 | 1/2 - 42 | 4.5 | 1.5 | NO | HEAVIEST |
|  | | | | | |
| B3000 | 1/2 - 42 | 1.5 | 0 | YES | MEDIUM |
| B3100 | 1/2 - 42 | 1.5 | 0 | YES | HEAVY |
| B3200 | 1/2 - 42 | 1.5 | 0 | YES | HEAVIER |
| B3300 | 1/2 - 42 | 1.5 | 0 | YES | HEAVIEST |
|  | | | | | |
| B4000 | 1/2 - 42 | 4.5 | 0 | YES | MEDIUM |
| B4100 | 1/2 - 42 | 4.5 | 0 | YES | HEAVY |
| B4200 | 1/2 - 42 | 4.5 | 0 | YES | HEAVIER |
| B4300 | 1/2 - 42 | 4.5 | 0 | YES | HEAVIEST |

**PRE-INSULATED PIPE SUPPORTS
HEAVY INDUSTRIAL - BASE MOUNTED**

| MODEL | PIPE SIZE RANGE | TRAVEL (INCHES) +/- | | LATERAL GUIDE | DUTY |
|---|-----------------------|------------------------|-----------|------------------|----------|
| | | AXIAL | LATERAL | | |
|  | | | | | |
| B5000 | 1/2 - 42 | 1.5 | 1.5 - 4.5 | NO | MEDIUM |
| B5100 | 1/2 - 42 | 1.5 | 1.5 - 4.5 | NO | HEAVY |
| B5200 | 1/2 - 42 | 1.5 | 1.5 - 4.5 | NO | HEAVIER |
| B5300 | 1/2 - 42 | 1.5 | 1.5 - 4.5 | NO | HEAVIEST |
|  | | | | | |
| B6000 | 1/2 - 42 | 4.5 | 1.5 - 4.5 | NO | MEDIUM |
| B6100 | 1/2 - 42 | 4.5 | 1.5 - 4.5 | NO | HEAVY |
| B6200 | 1/2 - 42 | 4.5 | 1.5 - 4.5 | NO | HEAVIER |
| B6300 | 1/2 - 42 | 4.5 | 1.5 - 4.5 | NO | HEAVIEST |
|  | | | | | |
| B7000 | 1/2 - 42 | 1.5 | 0 | W/SLIDE PADS | MEDIUM |
| B7100 | 1/2 - 42 | 1.5 | 0 | W/SLIDE PADS | HEAVY |
| B7200 | 1/2 - 42 | 1.5 | 0 | W/SLIDE PADS | HEAVIER |
| B7300 | 1/2 - 42 | 1.5 | 0 | W/SLIDE PADS | HEAVIEST |
|  | | | | | |
| B8000 | 1/2 - 42 | 4.5 | 0 | W/SLIDE PADS | MEDIUM |
| B8100 | 1/2 - 42 | 4.5 | 0 | W/SLIDE PADS | HEAVY |
| B8200 | 1/2 - 42 | 4.5 | 0 | W/SLIDE PADS | HEAVIER |
| B8300 | 1/2 - 42 | 4.5 | 0 | W/SLIDE PADS | HEAVIEST |

**THE FOLLOWING TABLE ILLUSTRATES
BOTTOM-OF-PIPE TO TOP-OF STEEL DIMENSIONS
(DIMENSION "B") FOR "B" MODEL PIPE SUPPORTS AND "C" MODEL PIPE ANCHORS
FOR INTERMEDIATE INSULATION THICKNESS**

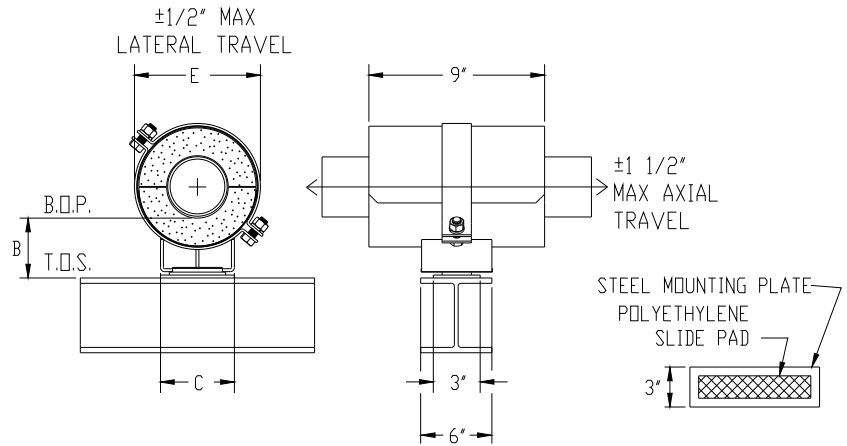
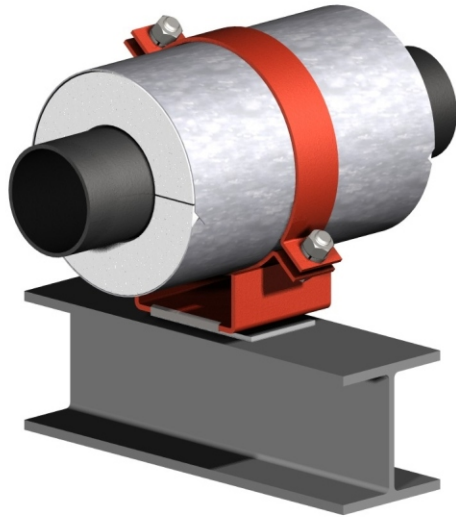
| PIPE SIZE | INSULATION THICKNESS | | | |
|--------------|----------------------|-------|-------|-------|
| | 3 1/2 | 4 1/2 | 5 1/2 | 6 1/2 |
| 3 | 6 | 6 | 8 | 8 |
| 3 1/2 | 6 | 6 | 8 | 8 |
| 4 | 6 | 6 | 8 | 8 |
| 5 | 6 | 6 | 8 | 8 |
| 6 | 6 | 6 | 8 | 8 |
| 8 | 6 | 8 | 8 | 10 |
| 10 | 6 | 8 | 8 | 10 |
| 12 | 6 | 8 | 8 | 10 |
| 14 | 6 | 8 | 8 | 10 |
| 16 | 6 | 8 | 8 | 10 |
| 18 | 6 | 8 | 8 | 10 |
| 20 | 6 | 8 | 8 | 10 |
| 24 | 6 | 8 | 8 | 10 |
| 30 | 8 | 8 | 10 | 10 |
| 36 | 8 | 8 | 10 | 10 |
| 42 | 8 | 8 | 10 | 10 |

The Table above provides Bottom-of-Pipe to Top-of Steel dimensions ("B" dimensions) for 3 1/2", 4 1/2", 5 1/2" and 6 1/2" insulation thicknesses. Check with your salesperson if you require a "B" dimension other than those shown in this table.

TO ORDER, specify:

- | | |
|-------------------------|---------|
| 1. Quantity | 20 |
| 2. Pipe Size & Type | 18" IPS |
| 3. Insulation Thickness | 2" |
| 4. Model Number | B1000 |

EXAMPLE: (20) 18 x 2 B1000



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B1100 - For greater axial travel, see: B2000 - For lateral restraint, see: B3000 - For lateral travel, see: B5000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 175 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 1 | 225 | 4 | 2 | 3.875 | 4 | 2.5 | 4.875 | 4 | 3 | 5.937 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 325 | 4 | 2 | 4.375 | 4 | 2.5 | 5.5 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 375 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 460 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 530 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 840 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 1050 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 6 | 8 | 12.375 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 1275 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 1700 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 17.875 | 8 | 13 | 20.125 |
| 10 | 2000 | 4 | 9 | 13.625 | 4 | 9.5 | 14.875 | 4 | 10.5 | 15.875 | 6 | 11 | 16.875 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 2200 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 2500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 2900 | 4 | 12.5 | 19.125 | 4 | 13 | 20.125 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 3200 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 3400 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 6 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 3600 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 6 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 4700 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 6 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 5500 | 4 | 26.5 | 39.625 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 6 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 6200 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 6 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

- Model B1000 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:
Flat Surfaces

Temperature Range: +40°F to +1200°F
Note: Up to 1700° F available upon request.

Features:

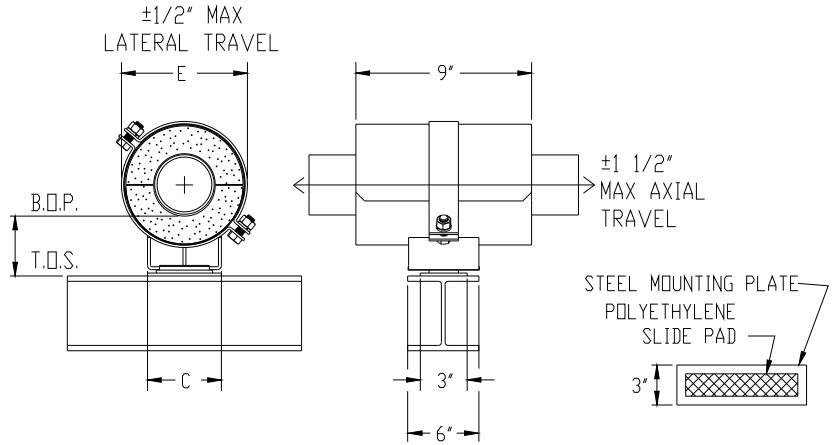
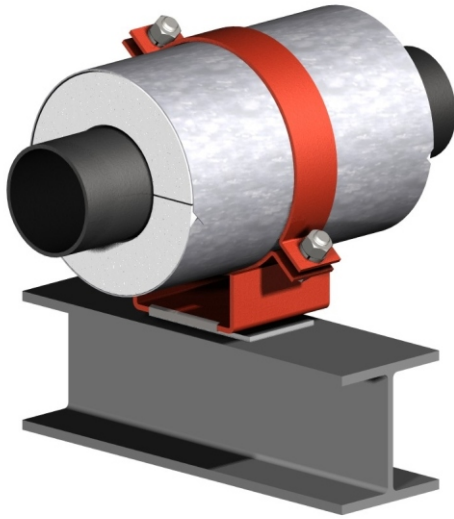
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- B1000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B1200 - For greater axial travel, see: B2100 - For lateral restraint, see: B3100 - For lateral travel, see: B5100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 350 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 | 450 | 4 | 2 | 3.875 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 650 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 750 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 920 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 1060 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 1680 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 2100 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 2550 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 3400 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 4000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 4400 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 5000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 5800 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 6400 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 6800 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 7200 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 9400 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 11000 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 12400 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

- Model B1100 is designed for use on:
 - Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:
· Flat Surfaces

Temperature Range: +40°F to +1200°F
Note: Up to 1700° F available upon request.

Features:

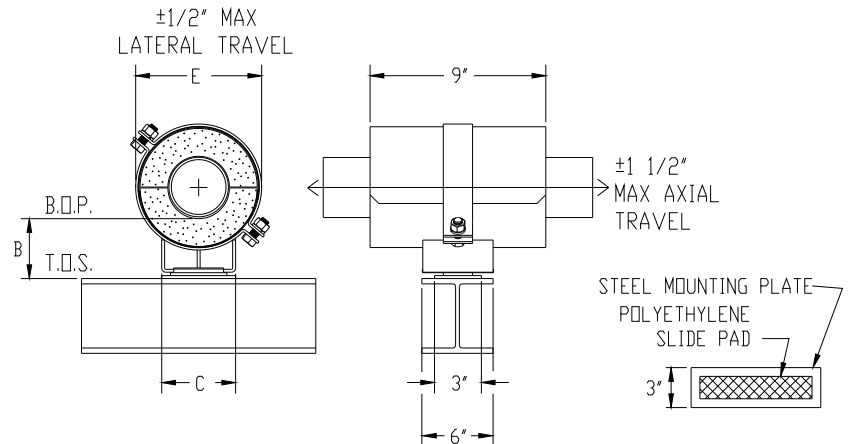
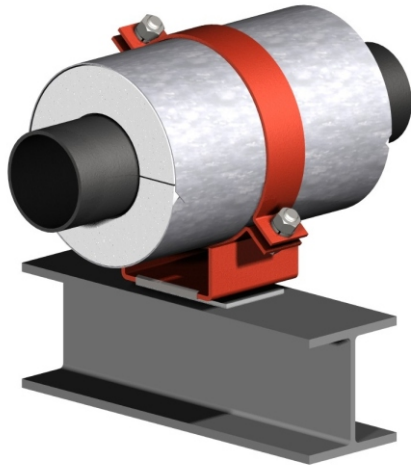
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B1100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTMA-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B1300 - For greater axial travel, see: B2200 - For lateral restraint, see: B3200 - For lateral travel, see: B5200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 500 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 | 650 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 1/2 | 950 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 1100 | 4 | 2.5 | 5 | 4 | 3 | 6.1875 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 1350 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 1600 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 2500 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 3100 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 3800 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 5100 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 6000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 8600 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 7500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 8700 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 9600 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 10200 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 10800 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 14100 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 16500 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 18600 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model B1200 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

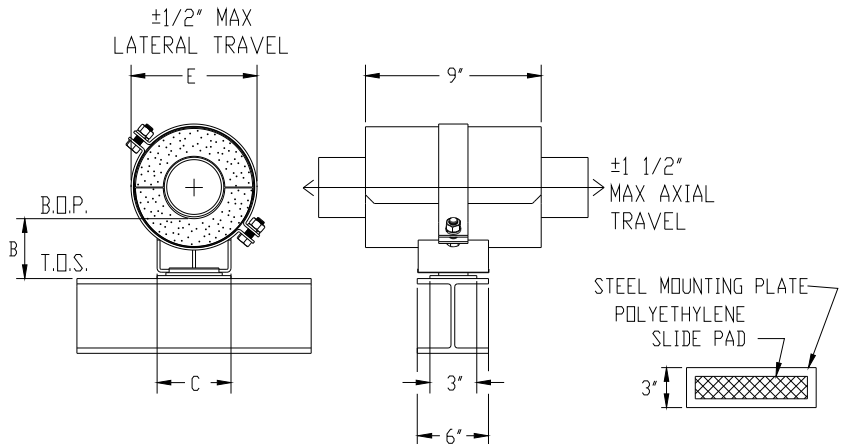
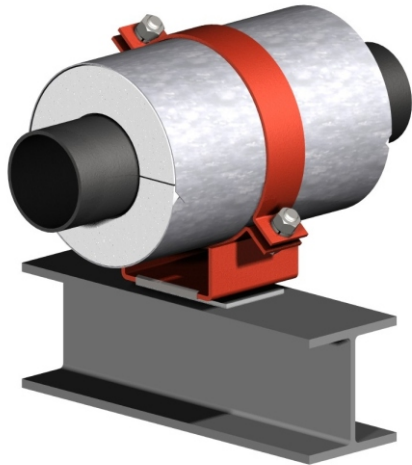
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B1200:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For greater axial travel, see: B2300 - For lateral restraint, see: B3300 - For lateral travel, see: B5300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 3/4 | 700 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 | 900 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 1/2 | 1300 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 1500 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 1800 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 3 | 2100 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 3350 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 4200 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 5100 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 6800 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 8000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 8800 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 10000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 11600 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 12800 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 13600 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 6 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 14400 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 6 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 18800 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 6 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 22000 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 6 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 24800 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 6 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model B1300 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

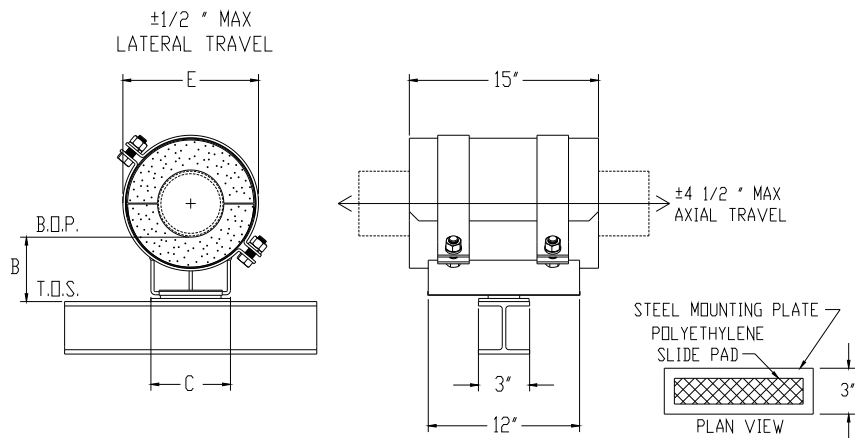
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B1300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B2100 - For lesser axial travel, see: B1000 - For lateral restraint, see: B4000 - For lateral travel, see: B6000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 175 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 1 | 225 | 4 | 2 | 3.875 | 4 | 2.5 | 4.875 | 4 | 3 | 5.937 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 325 | 4 | 2 | 4.375 | 4 | 2.5 | 5.5 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 375 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 460 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 530 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 840 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 1050 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 6 | 8 | 12.375 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 1275 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 1700 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 17.875 | 8 | 13 | 20.125 |
| 10 | 2000 | 4 | 9 | 13.625 | 4 | 9.5 | 14.875 | 4 | 10.5 | 15.875 | 6 | 11 | 16.875 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 2200 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 2500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 2900 | 4 | 12.5 | 19.125 | 4 | 13 | 20.125 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 3200 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 3400 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 3600 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 4700 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 5500 | 4 | 26.5 | 39.625 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 6200 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

- Model B2000 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

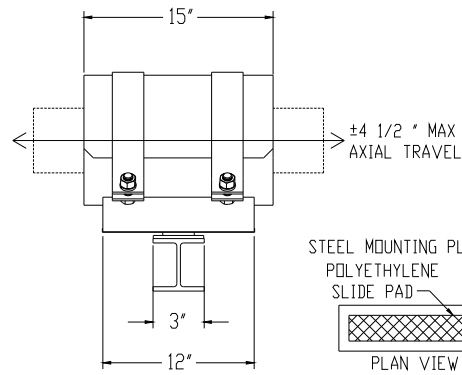
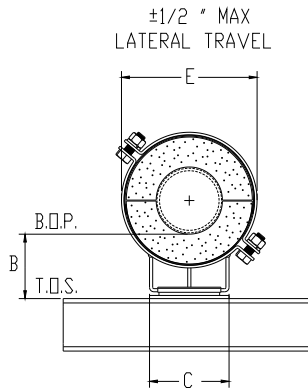
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B2000:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B2200 - For lesser axial travel, see: B1100 - For lateral restraint, see: B4100 - For lateral travel, see: B6100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 350 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 | 450 | 4 | 2 | 3.875 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 650 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 750 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 920 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 1060 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 1680 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 2100 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 2550 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 3400 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 4000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 4400 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 5000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 5800 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 6400 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 6800 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 7200 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 9400 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 11000 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 12400 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model B2100 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

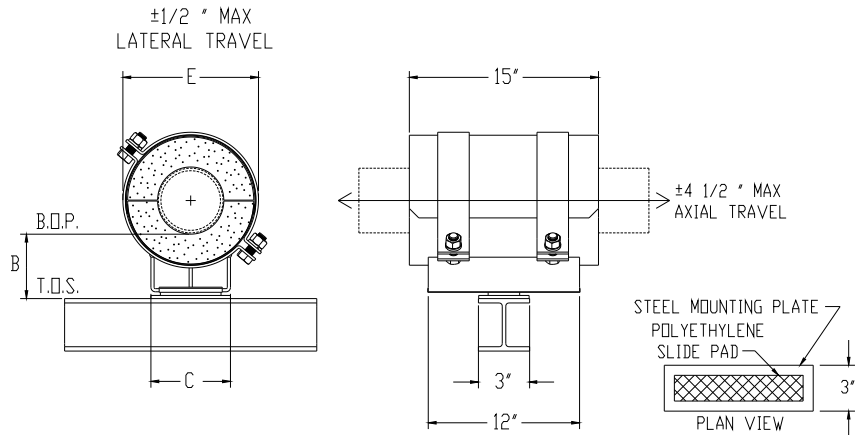
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B2100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B2300 - For lesser axial travel, see: B1200 - For lateral restraint, see: B4200 - For lateral travel, see: B6200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 500 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 | 650 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 1/2 | 950 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 1100 | 4 | 2.5 | 5 | 4 | 3 | 6.1875 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 1350 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 1600 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 2500 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 3100 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 3800 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 5100 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 6000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 6600 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 7500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 8700 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 9600 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 10200 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 10800 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 14100 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 16500 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 18600 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

- Model B2200 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

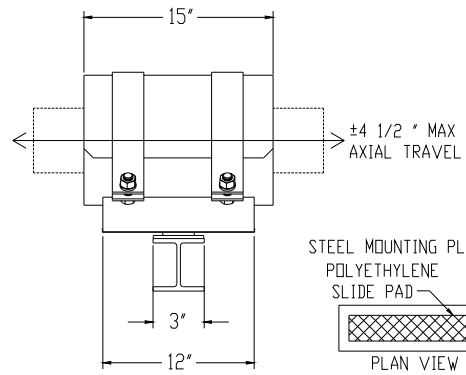
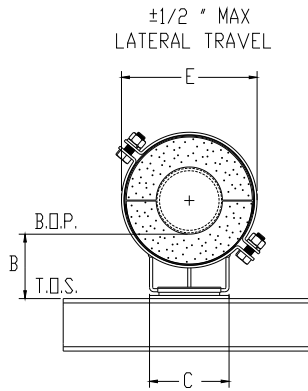
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- B2200:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- Jackets:** Galvanized Steel ASTMA-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For lesser axial travel, see: B1300 - For lateral restraint, see: B4300 - For lateral travel, see: B6300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 3/4 | 700 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 | 900 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 1/2 | 1300 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 1500 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 1800 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 3 | 2100 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 3350 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 4200 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 5100 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 6800 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 8000 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 8800 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 10000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 11600 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 12800 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 13600 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 14400 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 18800 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 22000 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 24800 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model B2300 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

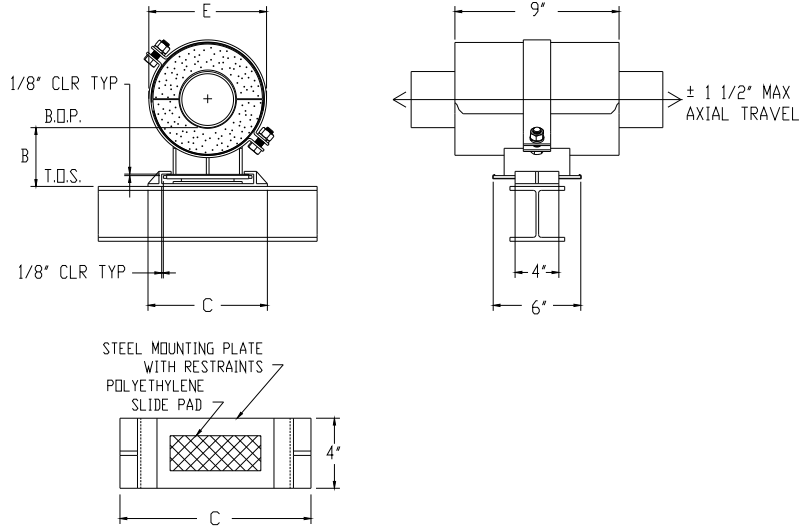
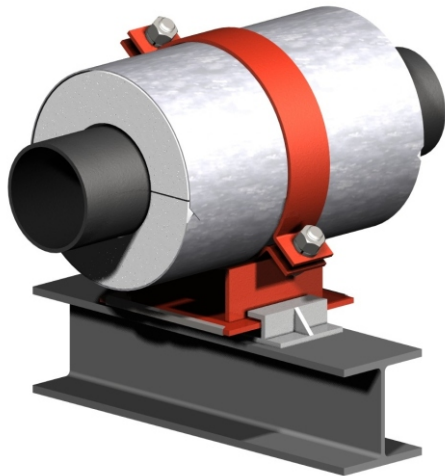
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B2300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B3100 - For greater axial travel, see: B4000 - For lateral travel, see: B5000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 3/4 | 175 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 1 | 225 | 4 | 6.5 | 3.875 | 4 | 7 | 4.875 | 4 | 7.5 | 5.937 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 1/2 | 325 | 4 | 6.5 | 4.375 | 4 | 7 | 5.5 | 4 | 8.5 | 7 | 4 | 9 | 8 | 6 | 10 | 9 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 375 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7 | 4 | 9 | 8 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 460 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 530 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 840 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 1050 | 4 | 10 | 8.25 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 4 | 13 | 11.375 | 6 | 13.5 | 12.375 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 1275 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 4 | 13 | 11.375 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 1700 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 17.875 | 8 | 19 | 20.125 |
| 10 | 2000 | 4 | 15 | 13.625 | 4 | 15.5 | 14.875 | 4 | 16.5 | 15.875 | 6 | 17 | 16.875 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 2200 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 2500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 2900 | 4 | 20.5 | 19.125 | 4 | 21 | 20.125 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 3200 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 3400 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 3600 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 4700 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 5500 | 4 | 36.5 | 39.625 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 6200 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

Model B3000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

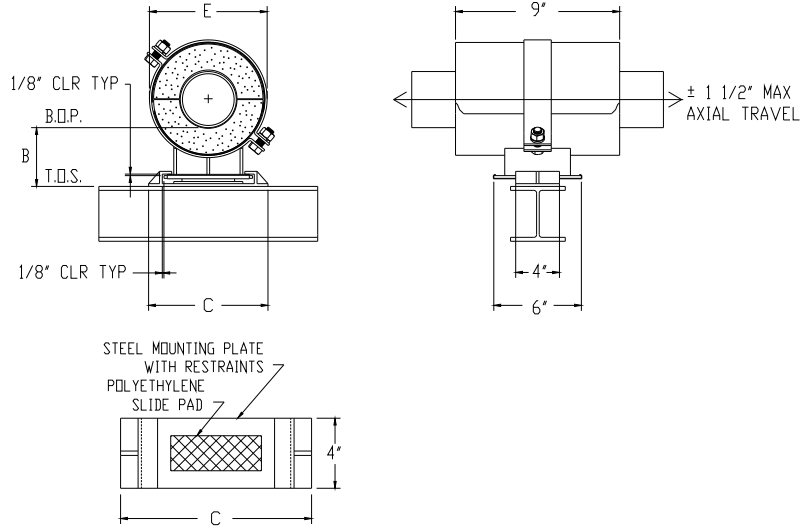
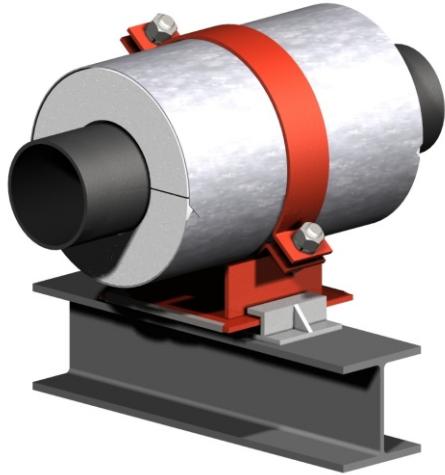
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- B3000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B3200 - For greater axial travel, see: B4100 - For lateral travel, see: B5100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 3/4 | 350 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 | 450 | 4 | 6.5 | 3.875 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 1/2 | 650 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 750 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 920 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1060 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 1680 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 2100 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 2550 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 3400 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 4000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 6 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 4400 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 5000 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 5800 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 6400 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 6800 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 7200 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 9400 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 11000 | 4 | 36.5 | 40.125 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 12400 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

Model B3100 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

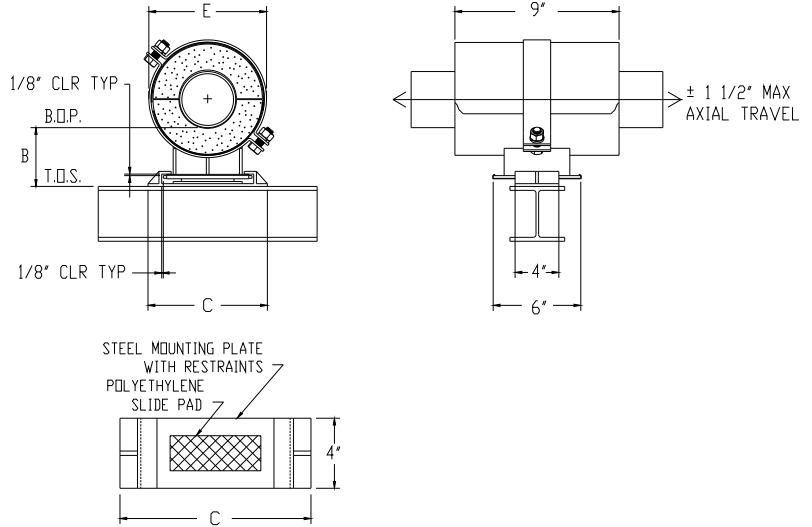
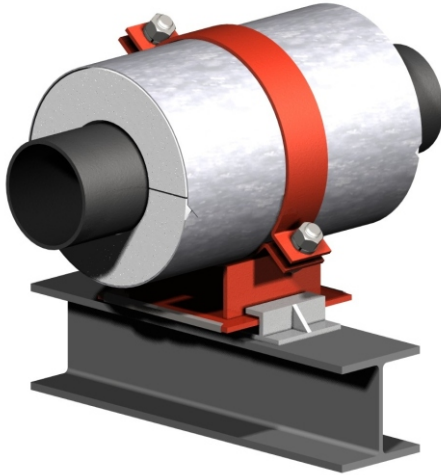
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B3100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B3300 - For greater axial travel, see: B4200 - For lateral travel, see: B5200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 3/4 | 500 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 | 650 | 4 | 6.5 | 4 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 1/2 | 950 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 1100 | 4 | 7 | 5 | 4 | 7.5 | 6.1875 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1350 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1600 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 2500 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 3100 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 3800 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 5100 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 4 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 6000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 4 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 6600 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 7500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 4 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 8700 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 9600 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 10200 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 4 | 24.5 | 25.375 | 4 | 25.5 | 26.375 | 6 | 26 | 27.375 | 6 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 10800 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 4 | 27.5 | 29.375 | 4 | 28.5 | 30.375 | 6 | 29 | 31.375 | 6 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 14100 | 4 | 32.5 | 33.625 | 4 | 33 | 34.625 | 4 | 34 | 35.625 | 4 | 34.5 | 36.625 | 6 | 35 | 37.625 | 6 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 16500 | 4 | 36.5 | 40.125 | 4 | 37.5 | 41.125 | 4 | 38 | 42.125 | 4 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 6 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 18600 | 4 | 41 | 46.125 | 4 | 41.5 | 47.125 | 4 | 42.5 | 48.125 | 4 | 43 | 49.125 | 6 | 43.5 | 50.125 | 6 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

- Model B3200 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

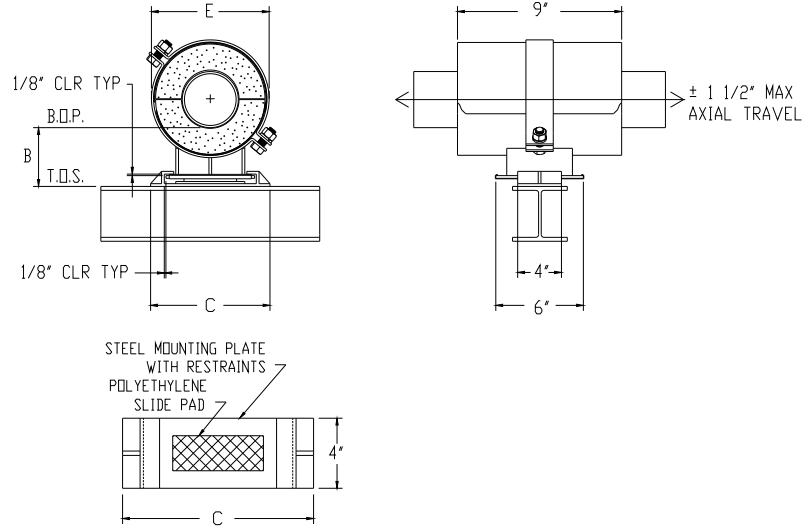
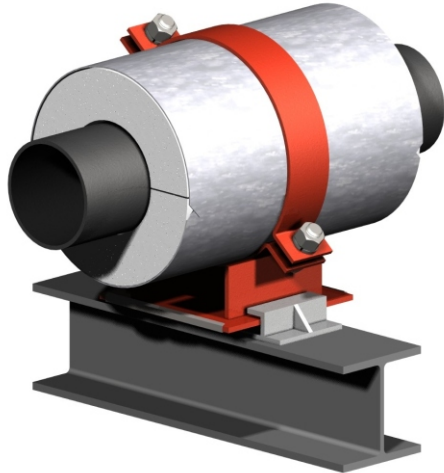
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B3200:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For greater axial travel, see: B4300 - For lateral travel, see: B5300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 6 | 3.375 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 3/4 | 700 | 4 | 6 | 3.375 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 | 900 | 4 | 6.5 | 4 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 1/2 | 1300 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 1500 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1800 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 3 | 2100 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 3350 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 4200 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 5100 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 6800 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 8000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 6 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 8800 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 10000 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 11600 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 12800 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 13600 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 14400 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 18800 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 22000 | 4 | 36.5 | 40.125 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 24800 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

- Model B3300 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

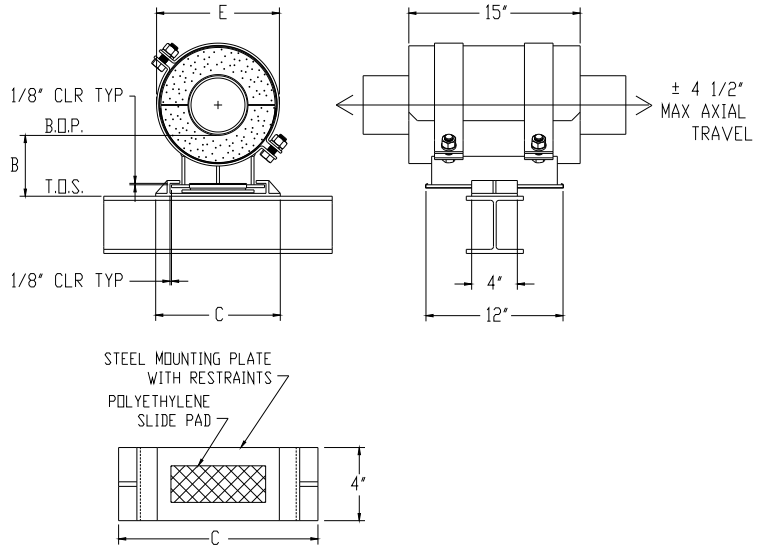
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B3300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B4100 - For lateral travel, see: B6000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 3/4 | 175 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 1 | 225 | 4 | 6.5 | 3.875 | 4 | 7 | 4.875 | 4 | 7.5 | 5.937 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 1/2 | 325 | 4 | 6.5 | 4.375 | 4 | 7 | 5.5 | 4 | 8.5 | 7 | 4 | 9 | 8 | 6 | 10 | 9 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 375 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7 | 4 | 9 | 8 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 460 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 530 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 840 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 1050 | 4 | 10 | 8.25 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 4 | 13 | 11.375 | 6 | 13.5 | 12.375 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 1275 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 4 | 13 | 11.375 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 1700 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 17.875 | 8 | 19 | 20.125 |
| 10 | 2000 | 4 | 15 | 13.625 | 4 | 15.5 | 14.875 | 4 | 16.5 | 15.875 | 6 | 17 | 16.875 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 2200 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 2500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 2900 | 4 | 20.5 | 19.125 | 4 | 21 | 20.125 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 3200 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 3400 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 3600 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 4700 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 5500 | 4 | 36.5 | 39.625 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 6200 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

Model B4000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

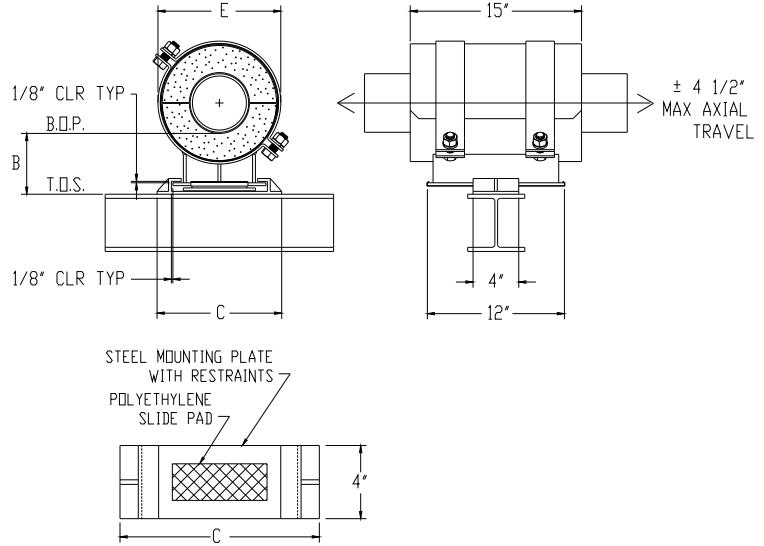
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- B4000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B4200 - For lateral travel, see: B6100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 3/4 | 350 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 | 450 | 4 | 6.5 | 3.875 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 1/2 | 650 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 750 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 920 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1060 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 1680 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 2100 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 2550 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 3400 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 4000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 6 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 4400 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 5000 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 5800 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 6400 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 6800 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 7200 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 9400 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 11000 | 4 | 36.5 | 40.125 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 12400 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

- Model B4100 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

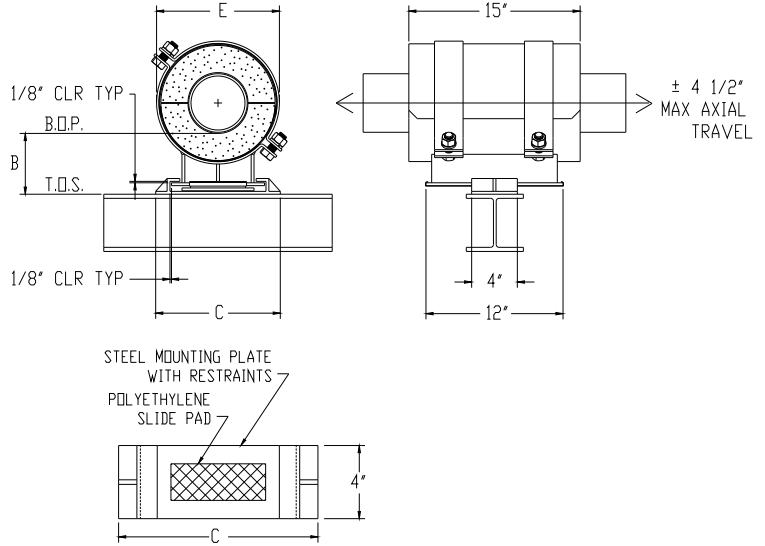
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B4100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B4300 - For lateral travel, see: B6200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.125 |
| 3/4 | 500 | 4 | 6 | 3.25 | 4 | 6.5 | 4.375 | 4 | 7 | 5.375 | 4 | 8.5 | 7 | 6 | 9 | 8 | 6 | 11 | 10 | 8 | 12.5 | 12.25 |
| 1 | 650 | 4 | 6.5 | 4 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 1/2 | 950 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 1100 | 4 | 7 | 5 | 4 | 7.5 | 6.1875 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1350 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1600 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 2500 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 3100 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 3800 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 5100 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 6000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 6 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 8600 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 7500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 8700 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 9600 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 10200 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 10800 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 14100 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 16500 | 4 | 36.5 | 40.125 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 18600 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

Model B4200 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

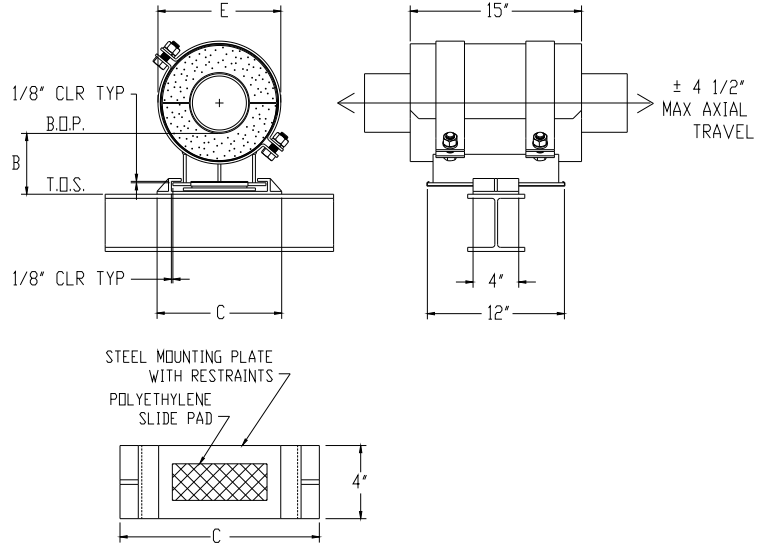
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- B4200:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 20% of vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For lateral travel, see: B6300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 6 | 3.375 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 3/4 | 700 | 4 | 6 | 3.375 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 | 900 | 4 | 6.5 | 4 | 4 | 7 | 5 | 4 | 7.5 | 6.062 | 4 | 8.5 | 7.125 | 6 | 9 | 8.125 | 6 | 11 | 10.125 | 8 | 12.5 | 12.25 |
| 1 1/2 | 1300 | 4 | 6.5 | 4.5 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 | 1500 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1800 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 3 | 2100 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 3350 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 4200 | 4 | 10 | 8.5 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 6 | 13.5 | 12.625 | 6 | 15 | 14.875 | 8 | 16.5 | 16.875 |
| 6 | 5100 | 4 | 11 | 9.5 | 4 | 12 | 10.5 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 6 | 14.5 | 13.625 | 6 | 16 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 6800 | 4 | 13.5 | 11.625 | 4 | 14 | 12.625 | 4 | 15 | 13.625 | 6 | 15.5 | 14.875 | 6 | 16.5 | 15.875 | 6 | 18 | 18.125 | 8 | 19 | 20.125 |
| 10 | 8000 | 4 | 15 | 13.875 | 4 | 15.5 | 15.125 | 4 | 16.5 | 16.125 | 6 | 17 | 17.125 | 6 | 18 | 18.125 | 6 | 19 | 20.125 | 8 | 20.5 | 22.125 |
| 12 | 8800 | 4 | 17 | 16.125 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 6 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 21 | 22.125 | 8 | 22.5 | 24.125 |
| 14 | 10000 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 11600 | 4 | 20.5 | 19.375 | 4 | 21 | 20.375 | 6 | 22 | 21.375 | 6 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 8 | 24.5 | 25.375 | 8 | 26 | 27.375 |
| 18 | 12800 | 4 | 22 | 21.375 | 4 | 22.5 | 22.375 | 6 | 23.5 | 23.375 | 6 | 24 | 24.375 | 6 | 24.5 | 25.375 | 8 | 26 | 27.375 | 8 | 27.5 | 29.375 |
| 20 | 13600 | 4 | 23.5 | 23.375 | 4 | 24 | 24.375 | 6 | 24.5 | 25.375 | 6 | 25.5 | 26.375 | 6 | 26 | 27.375 | 8 | 27.5 | 29.375 | 8 | 29 | 31.375 |
| 24 | 14400 | 4 | 26 | 27.375 | 4 | 27 | 28.375 | 6 | 27.5 | 29.375 | 6 | 28.5 | 30.375 | 6 | 29 | 31.375 | 8 | 30.5 | 33.375 | 8 | 32 | 35.375 |
| 30 | 18800 | 4 | 32.5 | 33.625 | 6 | 33 | 34.625 | 6 | 34 | 35.625 | 6 | 34.5 | 36.625 | 6 | 35 | 37.625 | 8 | 36.5 | 39.625 | 8 | 38 | 41.625 |
| 36 | 22000 | 4 | 36.5 | 40.125 | 6 | 37.5 | 41.125 | 6 | 38 | 42.125 | 6 | 38.5 | 43.125 | 6 | 39.5 | 44.125 | 8 | 41 | 46.125 | 8 | 42.5 | 48.125 |
| 42 | 24800 | 4 | 41 | 46.125 | 6 | 41.5 | 47.125 | 6 | 42.5 | 48.125 | 6 | 43 | 49.125 | 6 | 43.5 | 50.125 | 8 | 45 | 52.125 | 8 | 46.5 | 54.125 |

Application:

Model B4300 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

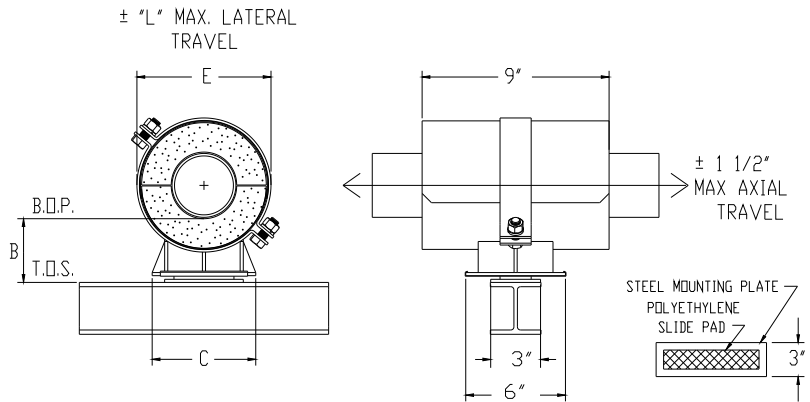
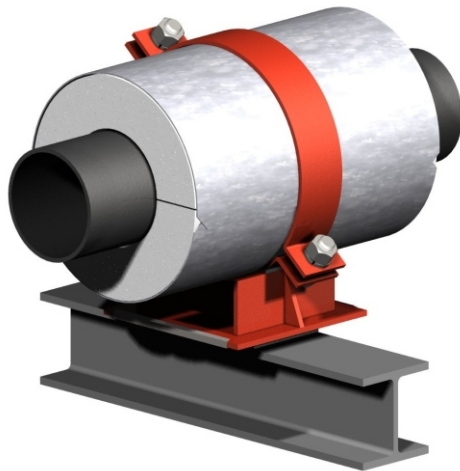
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B4300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B5100 - For greater axial travel, see: B6000 - For lateral restraint, see: B3000 - For lateral travel, see: B1000

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 175 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 1 | 225 | 4 | 5.75 | 3.875 | 4 | 6.75 | 4.875 | 4 | 7.75 | 5.937 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 1/2 | 325 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7 | 4 | 9.75 | 8 | 6 | 10.75 | 9 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 375 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7 | 4 | 9.75 | 8 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 460 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 530 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 840 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 1050 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 4 | 12 | 11.375 | 6 | 13 | 12.375 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 1275 | 4 | 9.5 | 9.25 | 4 | 10.5 | 10.25 | 4 | 11.5 | 11.375 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 1700 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 17.875 | 8 | 18.5 | 20.125 |
| 10 | 2000 | 4 | 11.5 | 13.625 | 4 | 12.5 | 14.875 | 4 | 13.5 | 15.875 | 6 | 14.5 | 16.875 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 2200 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 2500 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19.5 | 23.125 | 8 | 21 | 25.125 |
| 16 | 2900 | 4 | 14 | 19.125 | 4 | 15 | 20.125 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 3200 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 3400 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 3600 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 4700 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 5500 | 4 | 27.5 | 39.625 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 6200 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

- Model B5000 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

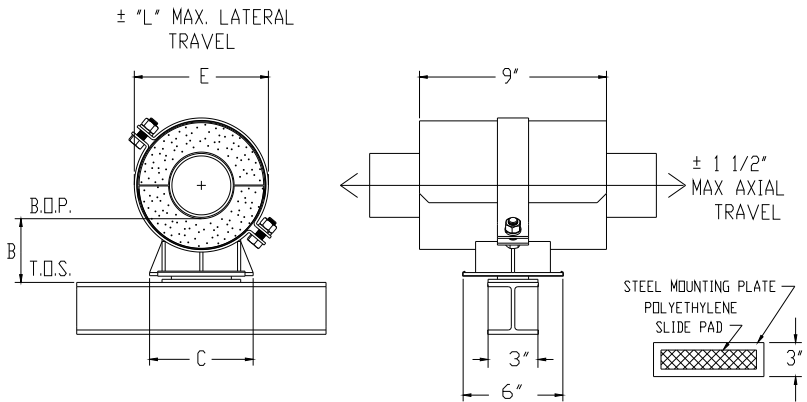
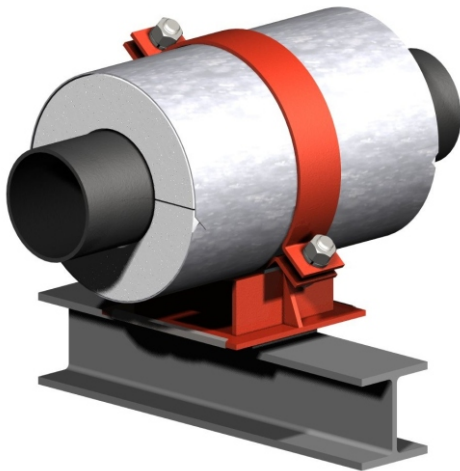
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- B5000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B5200 - For greater axial travel, see: B6100 - For lateral restraint, see: B3100 - For lateral travel, see: B1100

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 350 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 | 450 | 4 | 5.75 | 3.875 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 1/2 | 650 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 750 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 920 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 1060 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 1680 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 2100 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 2550 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 3400 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 4000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 4400 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 5000 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 5800 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 6400 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 6800 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 7200 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 9400 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 11000 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 12400 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

Model B5100 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

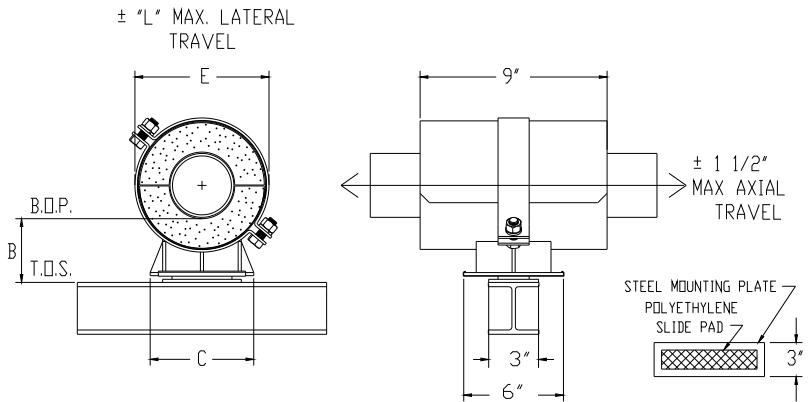
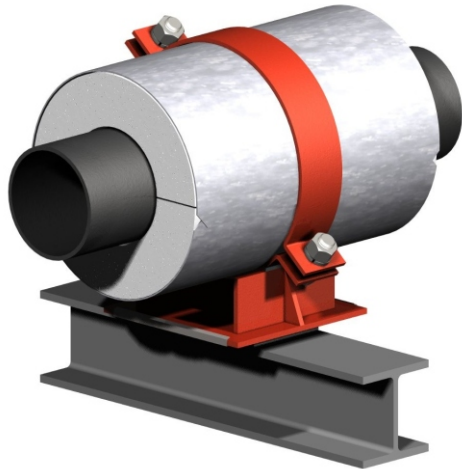
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B5100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B5300 - For greater axial travel, see: B6200 - For lateral restraint, see: B3200 - For lateral travel, see: B1200

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 500 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 | 650 | 4 | 5.75 | 4 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 1/2 | 950 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 1100 | 4 | 6.75 | 5 | 4 | 7.75 | 6.1875 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 1350 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 1600 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 2500 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 3100 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 3800 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 5100 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 6000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 6600 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 7500 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 8700 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 9600 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 10200 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 10800 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 14100 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 16500 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 18600 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

Model B5200 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
Note: Up to 1700° F available upon request.

Features:

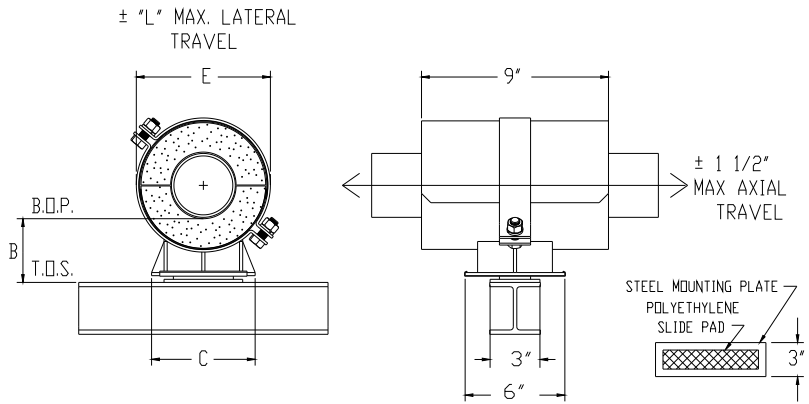
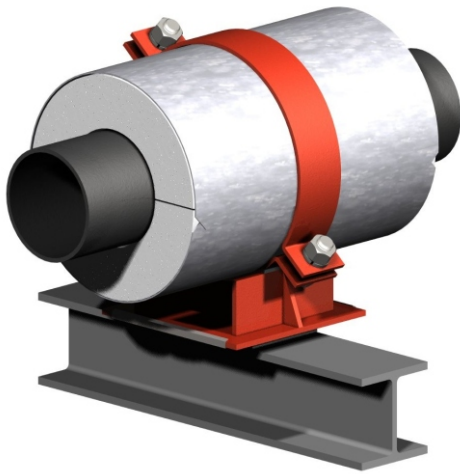
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- B5200:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For greater axial travel, see: B6300 - For lateral restraint, see: B3300 - For lateral travel, see: B1300

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 5.25 | 3.375 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 3/4 | 700 | 4 | 5.25 | 3.375 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 | 900 | 4 | 5.75 | 4 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 1/2 | 1300 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 1500 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 1800 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 3 | 2100 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 3350 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 4200 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 5100 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 6800 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 8000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 8800 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 10000 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 11600 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 12800 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 13600 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 14400 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 18800 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 22000 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 24800 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

Model B5300 is designed for use on:

- Hot Water
- Vacuum
- Gas
- Cold Water
- Steam
- Air
- Dual Temperature
- Chilled Water

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

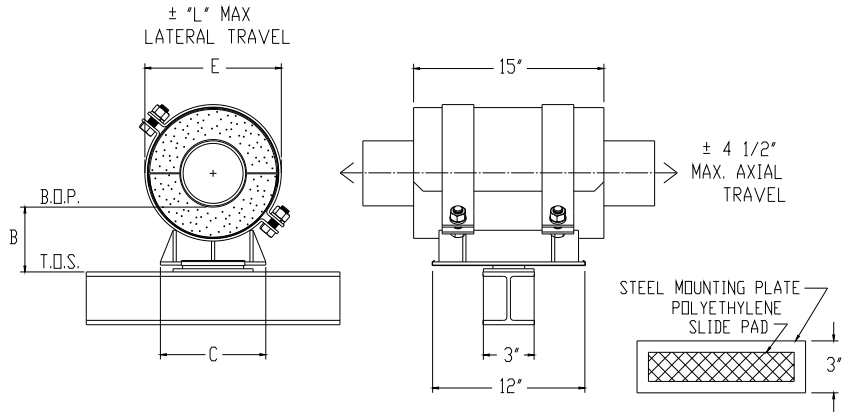
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B5300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B6100 - For lateral restraint, see: B4000 - For minimal lateral travel, see: B2000

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 175 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 1 | 225 | 4 | 5.75 | 3.875 | 4 | 6.75 | 4.875 | 4 | 7.75 | 5.937 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 1/2 | 325 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7 | 4 | 9.75 | 8 | 6 | 10.75 | 9 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 375 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7 | 4 | 9.75 | 8 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 460 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 530 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 840 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 1050 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 4 | 12 | 11.375 | 6 | 13 | 12.375 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 1275 | 4 | 9.5 | 9.25 | 4 | 10.5 | 10.25 | 4 | 11.5 | 11.375 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 1700 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 17.875 | 8 | 18.5 | 20.125 |
| 10 | 2000 | 4 | 11.5 | 13.625 | 4 | 12.5 | 14.875 | 4 | 13.5 | 15.875 | 6 | 14.5 | 16.875 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 2200 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 2500 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 2900 | 4 | 14 | 19.125 | 4 | 15 | 20.125 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 3200 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 3400 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 3600 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 4700 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 5500 | 4 | 27.5 | 39.625 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 6200 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

Model B6000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
Note: Up to 1700° F available upon request.

Features:

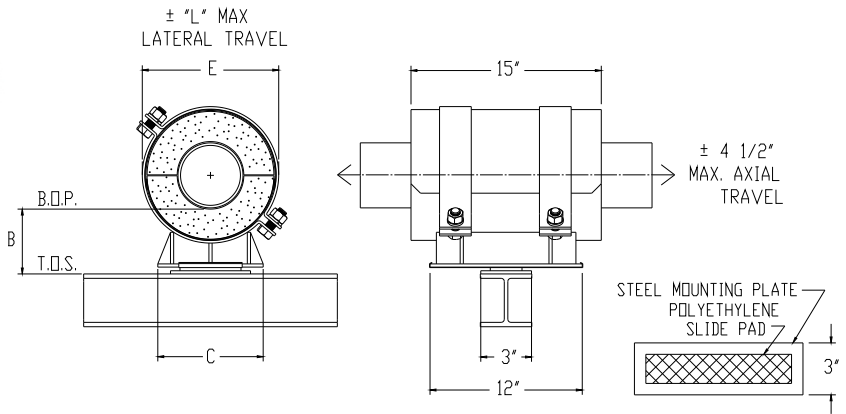
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- B6000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



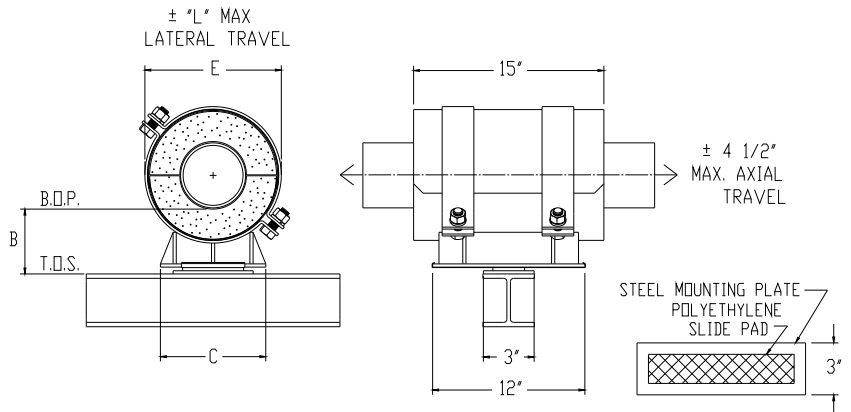
Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B6200 - For lateral restraint, see: B4100 - For minimal lateral travel, see: B2100

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 350 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 | 450 | 4 | 5.75 | 3.875 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 1/2 | 650 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 750 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 920 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 1060 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 1680 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 2100 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 2550 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 3400 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 4000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 4400 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 5000 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 5800 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 6400 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 6800 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 7200 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 9400 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 11000 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 12400 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

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| <p>Application:</p> <p>Model B6100 is designed for use on:</p> <ul style="list-style-type: none"> Hot Water Cold Water Dual Temperature Vacuum Steam Chilled Water Gas Air <p>Intended for installation on:</p> <ul style="list-style-type: none"> Flat Surfaces <p>Temperature Range: +40°F to +1200°F</p> <p>Note: Up to 1700° F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> All pipe sizes Easy Installation Eliminates welding to pipe Overlapping galvanized sheet metal jacket Insulating structural inserts for load transfer Stainless steel to UHMW polyethylene slide Other I.D.'s and/or O.D.'s available on request Factory mounted polyethylene slide pad on steel mounting plate <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> B6100: Applicable PSI spec. doc.: No. 209. Insulation: Calcium Silicate asbestos-free, treated with water repellent. Jackets: Galvanized Steel ASTM A-527. Glue: Industrial contact adhesive Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. Steel Straps/Base: Carbon Steel ASTM A-36. Fasteners: ASTM A-307 plated. Slide Pad: UHMW Polyethylene (Teflon Optional). Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|---|---|



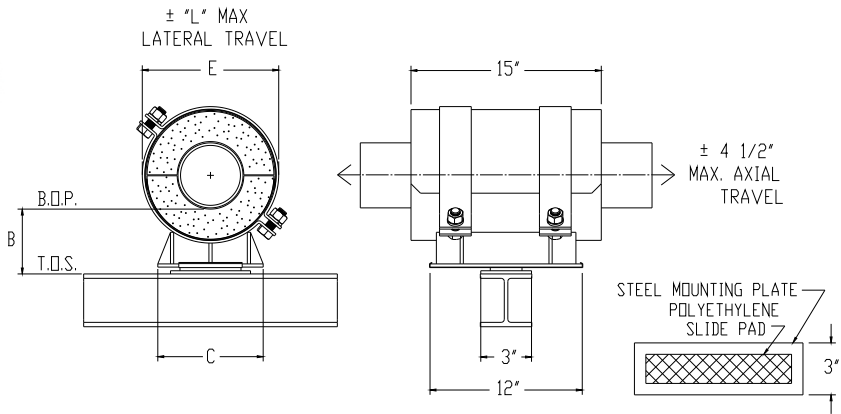
Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B6300 - For lateral restraint, see: B4200 - For minimal lateral travel, see: B2200

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 400 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.125 |
| 3/4 | 500 | 4 | 5.25 | 3.25 | 4 | 6.25 | 4.375 | 4 | 7.25 | 5.375 | 4 | 8.75 | 7 | 6 | 9.75 | 8 | 6 | 11.75 | 10 | 8 | 13.75 | 12.25 |
| 1 | 650 | 4 | 5.75 | 4 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 1/2 | 950 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 1100 | 4 | 6.75 | 5 | 4 | 7.75 | 6.1875 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 1350 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.25 | 8 | 15.75 | 14.5 |
| 3 | 1600 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 2500 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 3100 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 3800 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 5100 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 6000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 6600 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 7500 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 8700 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 9600 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 10200 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 10800 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 14100 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 16500 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 18600 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

| | | |
|---|--|---|
| <p>Application:</p> <p>Model B6200 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Dual Temperature · Vacuum · Steam · Chilled Water · Gas · Air <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces <p>Temperature Range: +40°F to +1200°F Note: Up to 1700° F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · All pipe sizes · Easy Installation · Eliminates welding to pipe · Overlapping galvanized sheet metal jacket · Insulating structural inserts for load transfer · Stainless steel to UHMW polyethylene slide · Other I.D.'s and/or O.D.'s available on request · Factory mounted polyethylene slide pad on steel mounting plate <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · B6200: Applicable PSI spec. doc.: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps/Base: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Slide Pad: UHMW Polyethylene (Teflon Optional). · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|---|



Contact factory for other dimensional, temperature, load, or axial travel, requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For lateral restraint, see: B4300 - For minimal lateral travel, see: B2300

| Pipe Size | Vert. Load | Insul. Thk. = 1" L = +/- 1-1/2 | | | Insul. Thk. = 1-1/2" L = +/- 1-3/4 | | | Insul. Thk. = 2" L = +/- 2 | | | Insul. Thk. = 2-1/2" L = +/- 2-1/4 | | | Insul. Thk. = 3" L = +/- 2-1/2 | | | Insul. Thk. = 4" L = +/- 3 | | | Insul. Thk. = 5" L = +/- 3-1/2 | | |
|-----------|------------|--------------------------------|------|--------|------------------------------------|------|--------|----------------------------|-------|--------|------------------------------------|-------|--------|--------------------------------|-------|--------|----------------------------|-------|--------|--------------------------------|-------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 4 | 5.25 | 3.375 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 3/4 | 700 | 4 | 5.25 | 3.375 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 | 900 | 4 | 5.75 | 4 | 4 | 6.75 | 5 | 4 | 7.75 | 6.062 | 4 | 8.75 | 7.125 | 6 | 9.75 | 8.125 | 6 | 11.75 | 10.125 | 8 | 13.75 | 12.25 |
| 1 1/2 | 1300 | 4 | 6.25 | 4.5 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 | 1500 | 4 | 6.75 | 5 | 4 | 7.75 | 6.0625 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 6 | 10.75 | 9.125 | 6 | 12.75 | 11.25 | 8 | 14.75 | 13.25 |
| 2 1/2 | 1800 | 4 | 7.25 | 5.5 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 3 | 2100 | 4 | 7.75 | 6.187 | 4 | 8.75 | 7.125 | 4 | 9.75 | 8.125 | 4 | 10.75 | 9.125 | 6 | 11.75 | 10.125 | 6 | 13.75 | 12.375 | 8 | 15.75 | 14.625 |
| 4 | 3350 | 4 | 8.25 | 7.25 | 4 | 9.25 | 8.25 | 4 | 10.25 | 9.25 | 4 | 11.25 | 10.25 | 6 | 12.25 | 11.375 | 6 | 14.25 | 13.375 | 8 | 16.25 | 15.625 |
| 5 | 4200 | 4 | 9 | 8.5 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 6 | 13 | 12.625 | 6 | 15 | 14.875 | 8 | 17 | 16.875 |
| 6 | 5100 | 4 | 9.5 | 9.5 | 4 | 10.5 | 10.5 | 4 | 11.5 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15.5 | 15.875 | 8 | 17.5 | 17.875 |
| 8 | 6800 | 4 | 10.5 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13.5 | 14.875 | 6 | 14.5 | 15.875 | 6 | 16.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 8000 | 4 | 11.5 | 13.875 | 4 | 12.5 | 15.125 | 4 | 13.5 | 16.125 | 6 | 14.5 | 17.125 | 6 | 15.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19.5 | 22.125 |
| 12 | 8800 | 4 | 12.5 | 16.125 | 4 | 13.5 | 17.125 | 4 | 14.5 | 18.125 | 6 | 15.5 | 19.125 | 6 | 16.5 | 20.125 | 6 | 18.5 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 10000 | 4 | 13 | 17.125 | 4 | 14 | 18.125 | 4 | 15 | 19.125 | 6 | 16 | 20.125 | 6 | 17 | 21.125 | 6 | 19 | 23.125 | 8 | 21 | 25.125 |
| 16 | 11600 | 4 | 14 | 19.375 | 4 | 15 | 20.375 | 6 | 16 | 21.375 | 6 | 17 | 22.375 | 6 | 18 | 23.375 | 8 | 20 | 25.375 | 8 | 22 | 27.375 |
| 18 | 12800 | 4 | 15 | 21.375 | 4 | 16 | 22.375 | 6 | 17 | 23.375 | 6 | 18 | 24.375 | 6 | 19 | 25.375 | 8 | 21 | 27.375 | 8 | 23 | 29.375 |
| 20 | 13600 | 4 | 16 | 23.375 | 4 | 17 | 24.375 | 6 | 18 | 25.375 | 6 | 19 | 26.375 | 6 | 20 | 27.375 | 8 | 22 | 29.375 | 8 | 24 | 31.375 |
| 24 | 14400 | 4 | 18.5 | 27.375 | 4 | 19.5 | 28.375 | 6 | 20 | 29.375 | 6 | 21 | 30.375 | 6 | 22 | 31.375 | 8 | 24 | 33.375 | 8 | 26 | 35.375 |
| 30 | 18800 | 4 | 23.5 | 33.625 | 6 | 24 | 34.625 | 6 | 25 | 35.625 | 6 | 25.5 | 36.625 | 6 | 26 | 37.625 | 8 | 27.5 | 39.625 | 8 | 29 | 41.625 |
| 36 | 22000 | 4 | 27.5 | 40.125 | 6 | 28.5 | 41.125 | 6 | 29 | 42.125 | 6 | 29.5 | 43.125 | 6 | 30.5 | 44.125 | 8 | 32 | 46.125 | 8 | 33.5 | 48.125 |
| 42 | 24800 | 4 | 32 | 46.125 | 6 | 32.5 | 47.125 | 6 | 33.5 | 48.125 | 6 | 34 | 49.125 | 6 | 34.5 | 50.125 | 8 | 36 | 52.125 | 8 | 37.5 | 54.125 |

Application:

- Model B6300 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

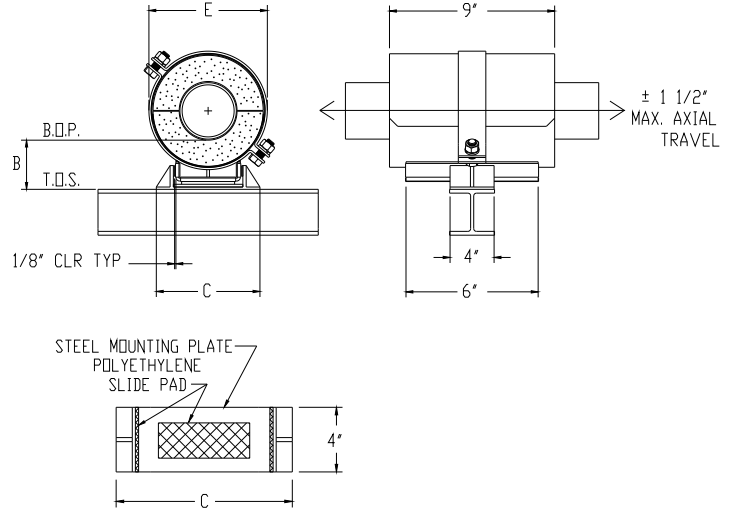
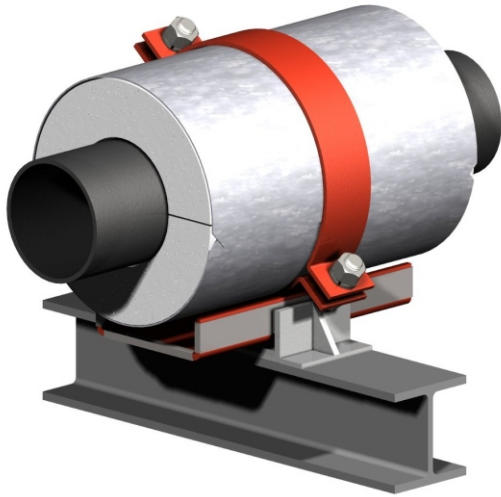
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- B6300:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Slide Pad:** UHMW Polyethylene (Teflon Optional).
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B7100 - For greater axial travel, see: B8000 - For lateral travel, see: B5000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 125 | 4 | 3.5 | 3.25 | 4 | 4 | 4.375 | 4 | 4.5 | 5.375 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.125 |
| 3/4 | 155 | 4 | 3.5 | 3.25 | 4 | 4 | 4.375 | 4 | 4.5 | 5.375 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.125 |
| 1 | 200 | 4 | 4 | 3.875 | 4 | 4.5 | 4.875 | 4 | 5 | 5.937 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.25 |
| 1 1/2 | 290 | 4 | 4 | 4.375 | 4 | 4.5 | 5.5 | 4 | 6 | 7 | 4 | 6.5 | 8 | 6 | 7.5 | 9 | 6 | 9.5 | 11.25 | 8 | 11 | 13.25 |
| 2 | 335 | 4 | 4.5 | 5 | 4 | 5 | 6.0625 | 4 | 6 | 7 | 4 | 6.5 | 8 | 6 | 7.5 | 9.125 | 6 | 9.5 | 11.25 | 8 | 11 | 13.25 |
| 2 1/2 | 410 | 4 | 4.5 | 5.5 | 4 | 6 | 7.125 | 4 | 6.5 | 8.125 | 4 | 7.5 | 9.125 | 6 | 8.5 | 10.125 | 6 | 10 | 12.25 | 8 | 11.5 | 14.5 |
| 3 | 475 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 4 | 9 | 9.125 | 6 | 10 | 10.125 | 6 | 11.5 | 12.375 | 8 | 13 | 14.625 |
| 4 | 750 | 4 | 7.5 | 7.25 | 4 | 8 | 8.25 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 6 | 11 | 11.375 | 6 | 12.5 | 13.375 | 8 | 14 | 15.625 |
| 5 | 940 | 4 | 8 | 8.25 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 4 | 11 | 11.375 | 6 | 11.5 | 12.375 | 6 | 13 | 14.875 | 8 | 14.5 | 16.875 |
| 6 | 1140 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 4 | 11 | 11.375 | 4 | 11.5 | 12.625 | 6 | 12.5 | 13.625 | 6 | 14 | 15.875 | 8 | 15.5 | 17.875 |
| 8 | 1500 | 4 | 11 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13 | 14.875 | 6 | 14 | 15.875 | 6 | 15.5 | 17.875 | 8 | 16.5 | 20.125 |
| 10 | 1800 | 4 | 13.5 | 13.625 | 4 | 14 | 14.875 | 4 | 15 | 15.875 | 6 | 15.5 | 16.875 | 6 | 16.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19 | 22.125 |
| 12 | 1950 | 4 | 15 | 16.125 | 4 | 15.5 | 17.125 | 4 | 16.5 | 18.125 | 6 | 17 | 19.125 | 6 | 17.5 | 20.125 | 6 | 19 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 2250 | 4 | 16 | 17.125 | 4 | 17 | 18.125 | 4 | 17.5 | 19.125 | 6 | 18 | 20.125 | 6 | 19 | 21.125 | 6 | 20.5 | 23.125 | 8 | 21.5 | 25.125 |
| 16 | 2600 | 4 | 17.5 | 19.125 | 4 | 18 | 20.125 | 6 | 19 | 21.375 | 6 | 19.5 | 22.375 | 6 | 20.5 | 23.375 | 8 | 21.5 | 25.375 | 8 | 23 | 27.375 |
| 18 | 2850 | 4 | 19.5 | 21.375 | 4 | 20 | 22.375 | 6 | 21 | 23.375 | 6 | 21.5 | 24.375 | 6 | 22 | 25.375 | 8 | 23.5 | 27.375 | 8 | 25 | 29.375 |
| 20 | 3050 | 4 | 21 | 23.375 | 4 | 21.5 | 24.375 | 6 | 22 | 25.375 | 6 | 23 | 26.375 | 6 | 23.5 | 27.375 | 8 | 25 | 29.375 | 8 | 26.5 | 31.375 |
| 24 | 3200 | 4 | 24 | 27.375 | 4 | 25 | 28.375 | 6 | 25.5 | 29.375 | 6 | 26.5 | 30.375 | 6 | 27 | 31.375 | 8 | 28.5 | 33.375 | 8 | 30 | 35.375 |
| 30 | 4200 | 4 | 29.5 | 33.625 | 6 | 30 | 34.625 | 6 | 31 | 35.625 | 6 | 31.5 | 36.625 | 6 | 32 | 37.625 | 8 | 33.5 | 39.625 | 8 | 35 | 41.625 |
| 36 | 4900 | 4 | 34 | 39.625 | 6 | 35 | 41.125 | 6 | 35.5 | 42.125 | 6 | 36 | 43.125 | 6 | 37 | 44.125 | 8 | 38.5 | 46.125 | 8 | 40 | 48.125 |
| 42 | 5550 | 4 | 39 | 46.125 | 6 | 39.5 | 47.125 | 6 | 40.5 | 48.125 | 6 | 41 | 49.125 | 6 | 41.5 | 50.125 | 8 | 43 | 52.125 | 8 | 44.5 | 54.125 |

Application:

Model B7000 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

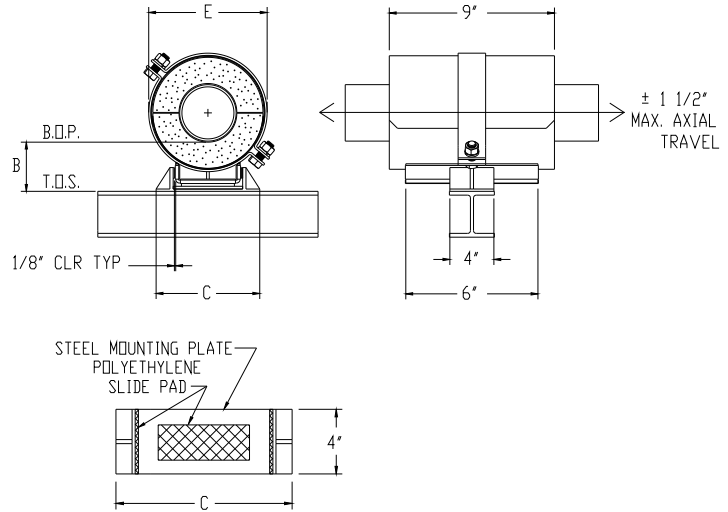
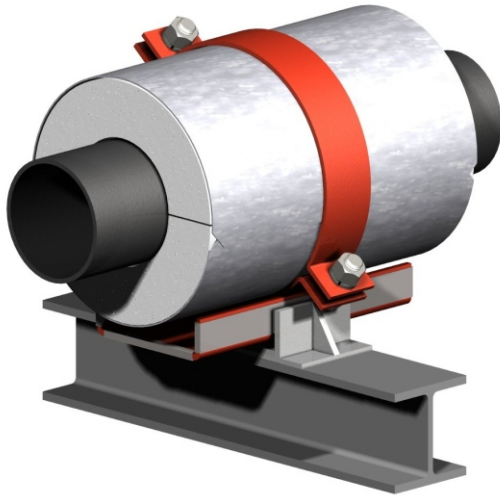
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B7000:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B7200 - For lateral restraint, see: B8100 - For minimal lateral travel, see: B5100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 250 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.125 |
| 3/4 | 310 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 | 400 | 4 | 5.5 | 3.875 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 1/2 | 580 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 6 | 9 | 9.125 | 6 | 11 | 11.25 | 8 | 12.5 | 13.25 |
| 2 | 670 | 4 | 6 | 5 | 4 | 6.5 | 6.0625 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 6 | 9 | 9.125 | 6 | 11 | 11.25 | 8 | 12.5 | 13.25 |
| 2 1/2 | 820 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 4 | 9.5 | 9.125 | 6 | 10.5 | 10.125 | 6 | 12 | 12.25 | 8 | 13.5 | 14.5 |
| 3 | 950 | 4 | 7 | 6.187 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 4 | 9.5 | 9.125 | 6 | 10.5 | 10.125 | 6 | 12 | 12.375 | 8 | 13.5 | 14.625 |
| 4 | 1500 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 1880 | 4 | 9.5 | 8.5 | 4 | 10.5 | 9.5 | 4 | 11.5 | 10.5 | 4 | 12.5 | 11.625 | 6 | 13 | 12.625 | 6 | 14.5 | 14.875 | 8 | 16 | 16.875 |
| 6 | 2280 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15 | 15.875 | 8 | 16.5 | 17.875 |
| 8 | 3000 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 4 | 14.5 | 13.625 | 6 | 15 | 14.875 | 6 | 16 | 15.875 | 6 | 17.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 3600 | 4 | 14.5 | 13.875 | 4 | 15 | 15.125 | 4 | 16 | 16.125 | 6 | 16.5 | 17.125 | 6 | 17.5 | 18.125 | 6 | 18.5 | 20.125 | 8 | 20 | 22.125 |
| 12 | 3900 | 4 | 16.5 | 16.125 | 4 | 17 | 17.125 | 4 | 18 | 18.125 | 6 | 18.5 | 19.125 | 6 | 19 | 20.125 | 6 | 20.5 | 22.125 | 8 | 22 | 24.125 |
| 14 | 4500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 5200 | 4 | 19 | 19.375 | 4 | 19.5 | 20.375 | 6 | 20.5 | 21.375 | 6 | 21 | 22.375 | 6 | 22 | 23.375 | 8 | 23 | 25.375 | 8 | 24.5 | 27.375 |
| 18 | 5700 | 4 | 21 | 21.375 | 4 | 21.5 | 22.375 | 6 | 22.5 | 23.375 | 6 | 23 | 24.375 | 6 | 23.5 | 25.375 | 8 | 25 | 27.375 | 8 | 26.5 | 29.375 |
| 20 | 6100 | 4 | 22.5 | 23.375 | 4 | 23 | 24.375 | 6 | 23.5 | 25.375 | 6 | 24.5 | 26.375 | 6 | 25 | 27.375 | 8 | 26.5 | 29.375 | 8 | 28 | 31.375 |
| 24 | 6400 | 4 | 25.5 | 27.375 | 4 | 26.5 | 28.375 | 6 | 27 | 29.375 | 6 | 28 | 30.375 | 6 | 28.5 | 31.375 | 8 | 30 | 33.375 | 8 | 31.5 | 35.375 |
| 30 | 8400 | 4 | 31.5 | 33.625 | 6 | 32 | 34.625 | 6 | 33 | 35.625 | 6 | 33.5 | 36.625 | 6 | 34 | 37.625 | 8 | 35.5 | 39.625 | 8 | 37 | 41.625 |
| 36 | 9800 | 4 | 36 | 40.125 | 6 | 37 | 41.125 | 6 | 37.5 | 42.125 | 6 | 38 | 43.125 | 6 | 39 | 44.125 | 8 | 40.5 | 46.125 | 8 | 42 | 48.125 |
| 42 | 11100 | 4 | 41.5 | 46.125 | 6 | 42 | 47.125 | 6 | 43 | 48.125 | 6 | 43.5 | 49.125 | 6 | 44 | 50.125 | 8 | 45.5 | 52.125 | 8 | 47 | 54.125 |

Application:

Model B7100 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

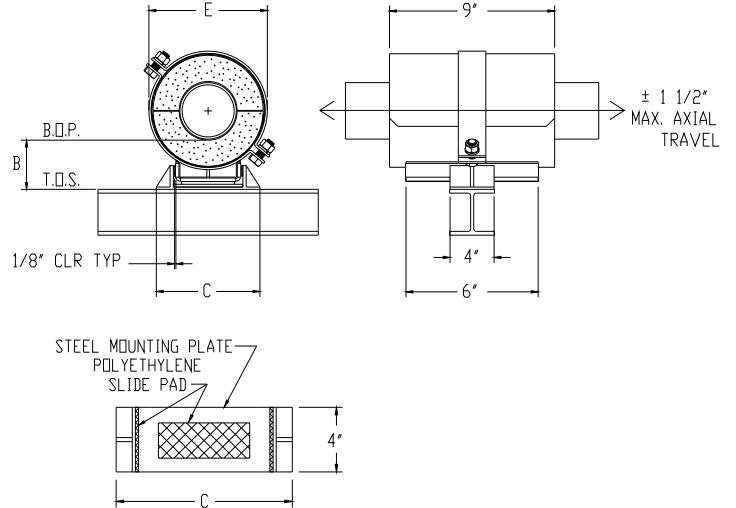
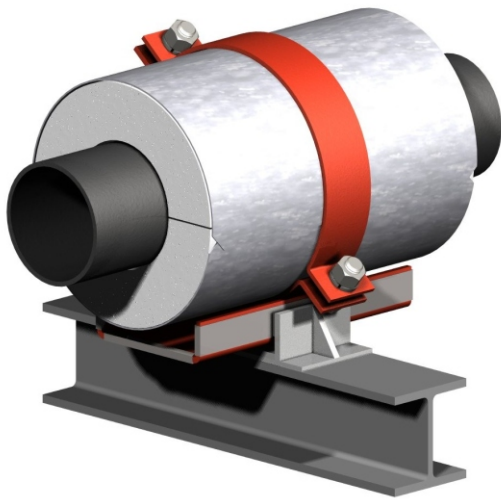
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B7100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.

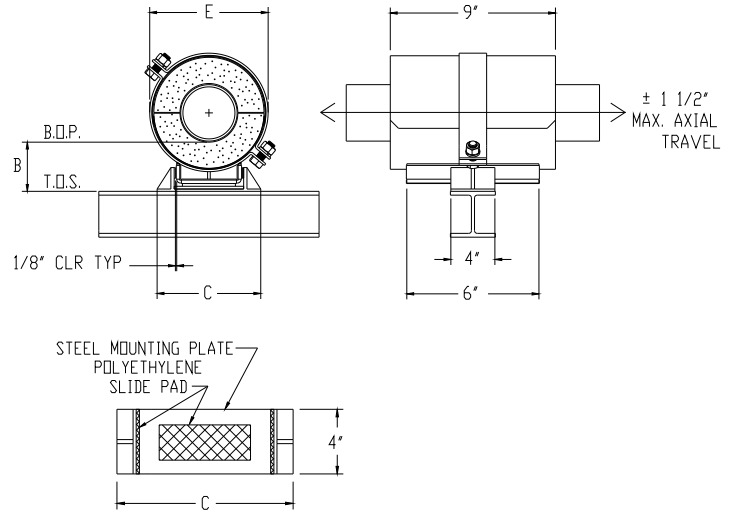
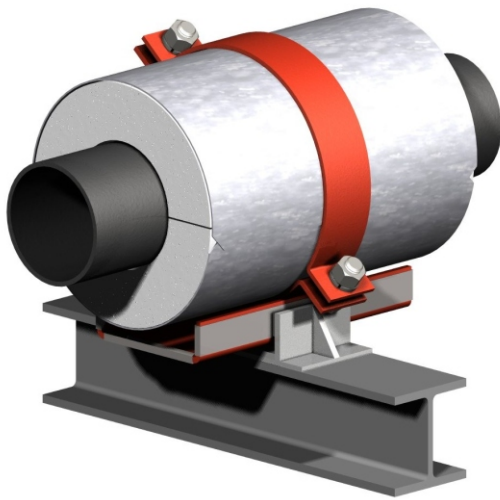


Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.
 The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.
 Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B7300 - For greater axial travel, see: B8200 - For lateral travel, see: B5200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 375 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.125 |
| 3/4 | 465 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 | 600 | 4 | 5.5 | 4 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 1/2 | 870 | 4 | 6 | 4.5 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 6 | 9.5 | 9.125 | 6 | 11.5 | 11.25 | 8 | 13 | 13.25 |
| 2 | 1005 | 4 | 7 | 5 | 4 | 7.5 | 6.1875 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1230 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1425 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 2250 | 4 | 9.5 | 7.25 | 4 | 10 | 8.25 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 6 | 13 | 11.375 | 6 | 14.5 | 13.375 | 8 | 16 | 15.625 |
| 5 | 2820 | 4 | 12.5 | 8.5 | 4 | 13 | 9.5 | 4 | 14.5 | 10.5 | 4 | 16 | 11.625 | 6 | 17 | 12.625 | 6 | 19 | 14.875 | 8 | 20.5 | 16.875 |
| 6 | 3420 | 4 | 12 | 9.5 | 4 | 13.5 | 10.5 | 4 | 15 | 11.625 | 4 | 16 | 12.625 | 6 | 17.5 | 13.625 | 6 | 18.5 | 15.875 | 8 | 20.5 | 17.875 |
| 8 | 4500 | 4 | 16 | 11.625 | 4 | 17 | 12.625 | 4 | 18.5 | 13.625 | 4 | 19 | 14.875 | 6 | 20 | 15.875 | 6 | 21.5 | 18.125 | 8 | 23 | 20.125 |
| 10 | 5400 | 4 | 19 | 13.875 | 4 | 19.5 | 15.125 | 4 | 20.5 | 16.125 | 6 | 21 | 17.125 | 6 | 22 | 18.125 | 6 | 23.5 | 20.125 | 8 | 25.5 | 22.125 |
| 12 | 5850 | 4 | 21 | 16.125 | 4 | 21.5 | 17.125 | 4 | 22.5 | 18.125 | 6 | 23.5 | 19.125 | 6 | 24 | 20.125 | 6 | 26 | 22.125 | 8 | 27.5 | 24.125 |
| 14 | 6750 | 4 | 22 | 17.125 | 4 | 23 | 18.125 | 4 | 24 | 19.125 | 6 | 24.5 | 20.125 | 6 | 25.5 | 21.125 | 6 | 27.5 | 23.125 | 8 | 28.5 | 25.125 |
| 16 | 7800 | 4 | 23.5 | 19.375 | 4 | 24 | 20.375 | 6 | 25 | 21.375 | 6 | 26 | 22.375 | 6 | 27 | 23.375 | 8 | 28 | 25.375 | 8 | 29 | 27.375 |
| 18 | 8550 | 4 | 25.5 | 21.375 | 4 | 26.5 | 22.375 | 6 | 27.5 | 23.375 | 6 | 28 | 24.375 | 6 | 28.5 | 25.375 | 8 | 29.5 | 27.375 | 8 | 31 | 29.375 |
| 20 | 9150 | 4 | 28 | 23.375 | 4 | 28.5 | 24.375 | 6 | 29 | 25.375 | 6 | 29.5 | 26.375 | 6 | 30 | 27.375 | 8 | 31.5 | 29.375 | 8 | 33 | 31.375 |
| 24 | 9600 | 4 | 31 | 27.375 | 4 | 32 | 28.375 | 6 | 32.5 | 29.375 | 6 | 33 | 30.375 | 6 | 34 | 31.375 | 8 | 35.5 | 33.375 | 8 | 37 | 35.375 |
| 30 | 12600 | 4 | 37 | 33.625 | 6 | 38 | 34.625 | 6 | 38.5 | 35.625 | 6 | 39.5 | 36.625 | 6 | 40.5 | 37.625 | 8 | 42 | 39.625 | 8 | 43.5 | 41.625 |
| 36 | 14700 | 4 | 43 | 40.125 | 6 | 43.5 | 41.125 | 6 | 44.5 | 42.125 | 6 | 45.5 | 43.125 | 6 | 46 | 44.125 | 8 | 47.5 | 46.125 | 8 | 49.5 | 48.125 |
| 42 | 16650 | 4 | 49 | 46.125 | 6 | 50 | 47.125 | 6 | 51 | 48.125 | 6 | 51.5 | 49.125 | 6 | 52.5 | 50.125 | 8 | 54 | 52.125 | 8 | 55.5 | 54.125 |

| | | |
|---|---|---|
| <p>Application:</p> <p>Model B7200 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Dual Temperature · Vacuum · Steam · Chilled Water · Gas · Air <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces <p>Temperature Range: +40°F to +1200°F</p> <p>Note: Up to 1700° F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · All pipe sizes · Easy Installation · Eliminates welding to pipe · Overlapping galvanized sheet metal jacket · Insulating structural inserts for load transfer · Stainless steel to UHMW polyethylene slide · Other I.D.'s and/or O.D.'s available on request · Factory mounted polyethylene slide pad on steel mounting plate <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · B7200: Applicable PSI spec. doc.: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps/Base: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Slide Pad: UHMW Polyethylene (Teflon Optional). · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|---|---|



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For greater axial travel, see: B8300 - For lateral travel, see: B5300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 500 | 4 | 5 | 3.375 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 3/4 | 620 | 4 | 5 | 3.375 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 | 800 | 4 | 5.5 | 4 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 1/2 | 1160 | 4 | 6 | 4.5 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 6 | 9.5 | 9.125 | 6 | 11.5 | 11.25 | 8 | 13 | 13.25 |
| 2 | 1340 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1640 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 3 | 1900 | 4 | 8 | 6.187 | 4 | 9 | 7.125 | 4 | 9.5 | 8.125 | 4 | 10.5 | 9.125 | 6 | 11.5 | 10.125 | 6 | 13 | 12.375 | 8 | 14.5 | 14.625 |
| 4 | 3000 | 4 | 10 | 7.25 | 4 | 10.5 | 8.25 | 4 | 11.5 | 9.25 | 4 | 12.5 | 10.25 | 6 | 13.5 | 11.375 | 6 | 15 | 13.375 | 8 | 16.5 | 15.625 |
| 5 | 3760 | 4 | 13 | 8.5 | 4 | 13.5 | 9.5 | 4 | 15 | 10.5 | 4 | 16.5 | 11.625 | 6 | 17.5 | 12.625 | 6 | 19.5 | 14.875 | 8 | 21 | 16.875 |
| 6 | 4560 | 4 | 13 | 9.5 | 4 | 14.5 | 10.5 | 4 | 16 | 11.625 | 4 | 17 | 12.625 | 6 | 18.5 | 13.625 | 6 | 19.5 | 15.875 | 8 | 21.5 | 17.875 |
| 8 | 6000 | 4 | 17 | 11.625 | 4 | 18 | 12.625 | 4 | 19.5 | 13.625 | 6 | 20 | 14.875 | 6 | 21 | 15.875 | 6 | 22.5 | 18.125 | 8 | 24 | 20.125 |
| 10 | 7200 | 4 | 20 | 13.875 | 4 | 20.5 | 15.125 | 4 | 21.5 | 16.125 | 6 | 22 | 17.125 | 6 | 23 | 18.125 | 6 | 24.5 | 20.125 | 8 | 26.5 | 22.125 |
| 12 | 7800 | 4 | 21.5 | 16.125 | 4 | 22 | 17.125 | 4 | 23 | 18.125 | 6 | 24 | 19.125 | 6 | 24.5 | 20.125 | 6 | 26.5 | 22.125 | 8 | 28 | 24.375 |
| 14 | 9000 | 4 | 22.5 | 17.125 | 4 | 23.5 | 18.125 | 4 | 24.5 | 19.125 | 6 | 25 | 20.125 | 6 | 26 | 21.125 | 6 | 28 | 23.375 | 8 | 29 | 25.375 |
| 16 | 10400 | 4 | 24.5 | 19.375 | 4 | 25 | 20.375 | 6 | 26 | 21.375 | 6 | 27 | 22.375 | 6 | 28 | 23.375 | 8 | 29 | 25.375 | 8 | 30 | 27.375 |
| 18 | 11400 | 4 | 26.5 | 21.375 | 4 | 27.5 | 22.375 | 6 | 28.5 | 23.375 | 6 | 29 | 24.375 | 6 | 29.5 | 25.375 | 8 | 30.5 | 27.375 | 8 | 32 | 29.375 |
| 20 | 12200 | 4 | 29 | 23.375 | 4 | 29.5 | 24.375 | 6 | 30 | 25.375 | 6 | 30.5 | 26.375 | 6 | 31 | 27.375 | 8 | 32.5 | 29.375 | 8 | 34 | 31.375 |
| 24 | 12800 | 4 | 31.5 | 27.375 | 4 | 32.5 | 28.375 | 6 | 33 | 29.375 | 6 | 33.5 | 30.375 | 6 | 34.5 | 31.375 | 8 | 36 | 33.625 | 8 | 37.5 | 35.625 |
| 30 | 16800 | 4 | 37.5 | 33.625 | 6 | 38.5 | 34.625 | 6 | 39 | 35.625 | 6 | 40 | 37.125 | 6 | 41 | 38.125 | 8 | 42.5 | 40.125 | 8 | 44 | 42.125 |
| 36 | 19600 | 4 | 44 | 40.125 | 6 | 44.5 | 41.125 | 6 | 45.5 | 42.125 | 6 | 46.5 | 43.125 | 6 | 47 | 44.125 | 8 | 48.5 | 46.125 | 8 | 50.5 | 48.125 |
| 42 | 22200 | 4 | 50 | 46.125 | 6 | 51 | 47.125 | 6 | 52 | 48.125 | 6 | 52.5 | 49.125 | 6 | 53.5 | 50.125 | 8 | 55 | 52.125 | 8 | 56.5 | 54.125 |

Application:

Model B7300 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

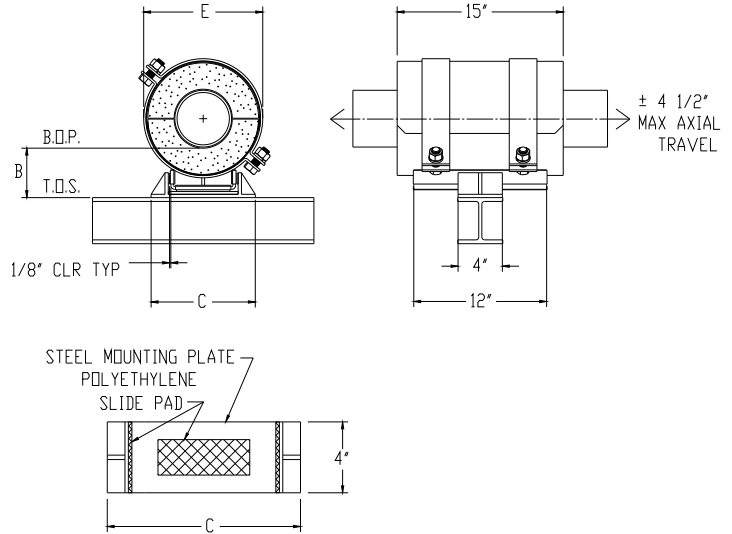
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B7300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.

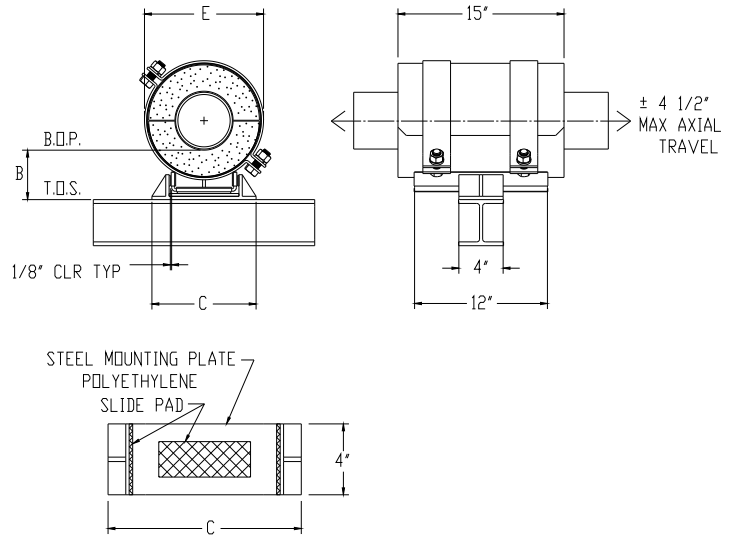


Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.
 The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B8100 - For lateral travel, see: B6000

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 125 | 4 | 3.5 | 3.25 | 4 | 4 | 4.375 | 4 | 4.5 | 5.375 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.125 |
| 3/4 | 155 | 4 | 3.5 | 3.25 | 4 | 4 | 4.375 | 4 | 4.5 | 5.375 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.125 |
| 1 | 200 | 4 | 4 | 3.875 | 4 | 4.5 | 4.875 | 4 | 5 | 5.937 | 4 | 6 | 7 | 6 | 6.5 | 8 | 6 | 8.5 | 10 | 8 | 10 | 12.25 |
| 1 1/2 | 290 | 4 | 4 | 4.375 | 4 | 4.5 | 5.5 | 4 | 6 | 7 | 4 | 6.5 | 8 | 6 | 7.5 | 9 | 6 | 9.5 | 11.25 | 8 | 11 | 13.25 |
| 2 | 335 | 4 | 4.5 | 5 | 4 | 5 | 6.0625 | 4 | 6 | 7 | 4 | 6.5 | 8 | 6 | 7.5 | 9.125 | 6 | 9.5 | 11.25 | 8 | 11 | 13.25 |
| 2 1/2 | 410 | 4 | 4.5 | 5.5 | 4 | 6 | 7.125 | 4 | 6.5 | 8.125 | 4 | 7.5 | 9.125 | 6 | 8.5 | 10.125 | 6 | 10 | 12.25 | 8 | 11.5 | 14.5 |
| 3 | 475 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 4 | 9 | 9.125 | 6 | 10 | 10.125 | 6 | 11.5 | 12.375 | 8 | 13 | 14.625 |
| 4 | 750 | 4 | 7.5 | 7.25 | 4 | 8 | 8.25 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 6 | 11 | 11.375 | 6 | 12.5 | 13.375 | 8 | 14 | 15.625 |
| 5 | 940 | 4 | 8 | 8.25 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 4 | 11 | 11.375 | 6 | 11.5 | 12.375 | 6 | 13 | 14.875 | 8 | 14.5 | 16.875 |
| 6 | 1140 | 4 | 9 | 9.25 | 4 | 10 | 10.25 | 4 | 11 | 11.375 | 4 | 11.5 | 12.625 | 6 | 12.5 | 13.625 | 6 | 14 | 15.875 | 8 | 15.5 | 17.875 |
| 8 | 1500 | 4 | 11 | 11.625 | 4 | 11.5 | 12.625 | 4 | 12.5 | 13.625 | 6 | 13 | 14.875 | 6 | 14 | 15.875 | 6 | 15.5 | 17.875 | 8 | 16.5 | 20.125 |
| 10 | 1800 | 4 | 13.5 | 13.625 | 4 | 14 | 14.875 | 4 | 15 | 15.875 | 6 | 15.5 | 16.875 | 6 | 16.5 | 18.125 | 6 | 17.5 | 20.125 | 8 | 19 | 22.125 |
| 12 | 1950 | 4 | 15 | 16.125 | 4 | 15.5 | 17.125 | 4 | 16.5 | 18.125 | 6 | 17 | 19.125 | 6 | 17.5 | 20.125 | 6 | 19 | 22.125 | 8 | 20.5 | 24.125 |
| 14 | 2250 | 4 | 16 | 17.125 | 4 | 17 | 18.125 | 4 | 17.5 | 19.125 | 6 | 18 | 20.125 | 6 | 19 | 21.125 | 6 | 20.5 | 23.125 | 8 | 21.5 | 25.125 |
| 16 | 2600 | 4 | 17.5 | 19.125 | 4 | 18 | 20.125 | 6 | 19 | 21.375 | 6 | 19.5 | 22.375 | 6 | 20.5 | 23.375 | 8 | 21.5 | 25.375 | 8 | 23 | 27.375 |
| 18 | 2850 | 4 | 19.5 | 21.375 | 4 | 20 | 22.375 | 6 | 21 | 23.375 | 6 | 21.5 | 24.375 | 6 | 22 | 25.375 | 8 | 23.5 | 27.375 | 8 | 25 | 29.375 |
| 20 | 3050 | 4 | 21 | 23.375 | 4 | 21.5 | 24.375 | 6 | 22 | 25.375 | 6 | 23 | 26.375 | 6 | 23.5 | 27.375 | 8 | 25 | 29.375 | 8 | 26.5 | 31.375 |
| 24 | 3200 | 4 | 24 | 27.375 | 4 | 25 | 28.375 | 6 | 25.5 | 29.375 | 6 | 26.5 | 30.375 | 6 | 27 | 31.375 | 8 | 28.5 | 33.375 | 8 | 30 | 35.375 |
| 30 | 4200 | 4 | 29.5 | 33.625 | 6 | 30 | 34.625 | 6 | 31 | 35.625 | 6 | 31.5 | 36.625 | 6 | 32 | 37.625 | 8 | 33.5 | 39.625 | 8 | 35 | 41.625 |
| 36 | 4900 | 4 | 34 | 39.625 | 6 | 35 | 41.125 | 6 | 35.5 | 42.125 | 6 | 36 | 43.125 | 6 | 37 | 44.125 | 8 | 38.5 | 46.125 | 8 | 40 | 48.125 |
| 42 | 5550 | 4 | 39 | 46.125 | 6 | 39.5 | 47.125 | 6 | 40.5 | 48.125 | 6 | 41 | 49.125 | 6 | 41.5 | 50.125 | 8 | 43 | 52.125 | 8 | 44.5 | 54.125 |

| | | |
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| <p>Application:</p> <p>Model B8000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Dual Temperature · Vacuum · Steam · Chilled Water · Gas · Air <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Flat Surfaces <p>Temperature Range: +40°F to +1200°F Note: Up to 1700° F available upon request.</p> | <p>Features:</p> <ul style="list-style-type: none"> · All pipe sizes · Easy Installation · Eliminates welding to pipe · Overlapping galvanized sheet metal jacket · Insulating structural inserts for load transfer · Stainless steel to UHMW polyethylene slide · Other I.D.'s and/or O.D.'s available on request · Factory mounted polyethylene slide pad on steel mounting plate <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · B8000: Applicable PSI spec. doc.: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps/Base: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Slide Pad: UHMW Polyethylene (Teflon Optional). · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|---|



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B8200 - For lateral travel, see: B6100

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 250 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.125 |
| 3/4 | 310 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 | 400 | 4 | 5.5 | 3.875 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 1/2 | 580 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 6 | 9 | 9.125 | 6 | 11 | 11.25 | 8 | 12.5 | 13.25 |
| 2 | 670 | 4 | 6 | 5 | 4 | 6.5 | 6.0625 | 4 | 7.5 | 7.125 | 4 | 8 | 8.125 | 6 | 9 | 9.125 | 6 | 11 | 11.25 | 8 | 12.5 | 13.25 |
| 2 1/2 | 820 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 4 | 9.5 | 9.125 | 6 | 10.5 | 10.125 | 6 | 12 | 12.25 | 8 | 13.5 | 14.5 |
| 3 | 950 | 4 | 7 | 6.187 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 4 | 9.5 | 9.125 | 6 | 10.5 | 10.125 | 6 | 12 | 12.375 | 8 | 13.5 | 14.625 |
| 4 | 1500 | 4 | 8.5 | 7.25 | 4 | 9 | 8.25 | 4 | 10 | 9.25 | 4 | 11 | 10.25 | 6 | 12 | 11.375 | 6 | 13.5 | 13.375 | 8 | 15 | 15.625 |
| 5 | 1880 | 4 | 9.5 | 8.5 | 4 | 10.5 | 9.5 | 4 | 11.5 | 10.5 | 4 | 12.5 | 11.625 | 6 | 13 | 12.625 | 6 | 14.5 | 14.875 | 8 | 16 | 16.875 |
| 6 | 2280 | 4 | 10 | 9.5 | 4 | 11 | 10.5 | 4 | 12 | 11.625 | 4 | 12.5 | 12.625 | 6 | 13.5 | 13.625 | 6 | 15 | 15.875 | 8 | 16.5 | 17.875 |
| 8 | 3000 | 4 | 13 | 11.625 | 4 | 13.5 | 12.625 | 4 | 14.5 | 13.625 | 6 | 15 | 14.875 | 6 | 16 | 15.875 | 6 | 17.5 | 18.125 | 8 | 18.5 | 20.125 |
| 10 | 3600 | 4 | 14.5 | 13.875 | 4 | 15 | 15.125 | 4 | 16 | 16.125 | 6 | 16.5 | 17.125 | 6 | 17.5 | 18.125 | 6 | 18.5 | 20.125 | 8 | 20 | 22.125 |
| 12 | 3900 | 4 | 16.5 | 16.125 | 4 | 17 | 17.125 | 4 | 18 | 18.125 | 6 | 18.5 | 19.125 | 6 | 19 | 20.125 | 6 | 20.5 | 22.125 | 8 | 22 | 24.125 |
| 14 | 4500 | 4 | 17.5 | 17.125 | 4 | 18.5 | 18.125 | 4 | 19 | 19.125 | 6 | 19.5 | 20.125 | 6 | 20.5 | 21.125 | 6 | 22 | 23.125 | 8 | 23 | 25.125 |
| 16 | 5200 | 4 | 19 | 19.375 | 4 | 19.5 | 20.375 | 6 | 20.5 | 21.375 | 6 | 21 | 22.375 | 6 | 22 | 23.375 | 8 | 23 | 25.375 | 8 | 24.5 | 27.375 |
| 18 | 5700 | 4 | 21 | 21.375 | 4 | 21.5 | 22.375 | 6 | 22.5 | 23.375 | 6 | 23 | 24.375 | 6 | 23.5 | 25.375 | 8 | 25 | 27.375 | 8 | 26.5 | 29.375 |
| 20 | 6100 | 4 | 22.5 | 23.375 | 4 | 23 | 24.375 | 6 | 23.5 | 25.375 | 6 | 24.5 | 26.375 | 6 | 25 | 27.375 | 8 | 26.5 | 29.375 | 8 | 28 | 31.375 |
| 24 | 6400 | 4 | 25.5 | 27.375 | 4 | 26.5 | 28.375 | 6 | 27 | 29.375 | 6 | 28 | 30.375 | 6 | 28.5 | 31.375 | 8 | 30 | 33.375 | 8 | 31.5 | 35.375 |
| 30 | 8400 | 4 | 31.5 | 33.625 | 6 | 32 | 34.625 | 6 | 33 | 35.625 | 6 | 33.5 | 36.625 | 6 | 34 | 37.625 | 8 | 35.5 | 39.625 | 8 | 37 | 41.625 |
| 36 | 9800 | 4 | 36 | 40.125 | 6 | 37 | 41.125 | 6 | 37.5 | 42.125 | 6 | 38 | 43.125 | 6 | 39 | 44.125 | 8 | 40.5 | 46.125 | 8 | 42 | 48.125 |
| 42 | 11100 | 4 | 41.5 | 46.125 | 6 | 42 | 47.125 | 6 | 43 | 48.125 | 6 | 43.5 | 49.125 | 6 | 44 | 50.125 | 8 | 45.5 | 52.125 | 8 | 47 | 54.125 |

Application:

Model B8100 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

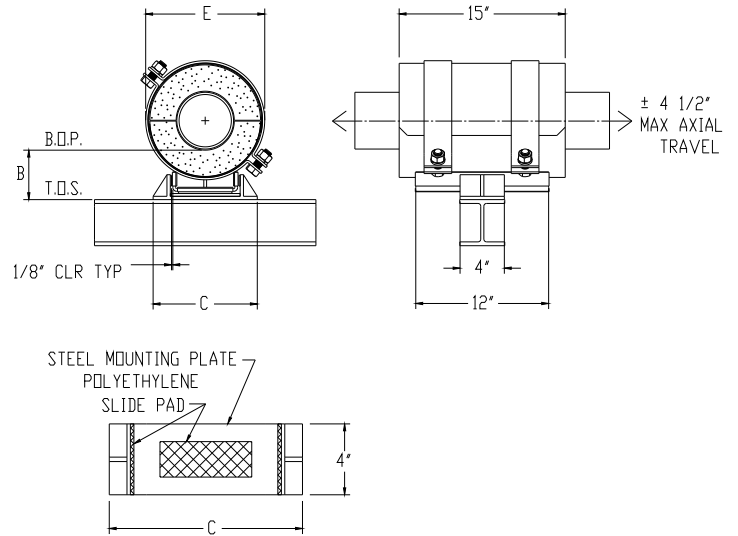
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B8100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.
 The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: B8300 - For lateral travel, see: B6200

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 375 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.125 |
| 3/4 | 465 | 4 | 5 | 3.25 | 4 | 5.5 | 4.375 | 4 | 6 | 5.375 | 4 | 7.5 | 7 | 6 | 8 | 8 | 6 | 10 | 10 | 8 | 11.5 | 12.25 |
| 1 | 600 | 4 | 5.5 | 4 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 1/2 | 870 | 4 | 6 | 4.5 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 6 | 9.5 | 9.125 | 6 | 11.5 | 11.25 | 8 | 13 | 13.25 |
| 2 | 1005 | 4 | 7 | 5 | 4 | 7.5 | 6.1875 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1230 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.25 | 8 | 14 | 14.5 |
| 3 | 1425 | 4 | 7.5 | 6.187 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 4 | 2250 | 4 | 9.5 | 7.25 | 4 | 10 | 8.25 | 4 | 11 | 9.25 | 4 | 12 | 10.25 | 6 | 13 | 11.375 | 6 | 14.5 | 13.375 | 8 | 16 | 15.625 |
| 5 | 2820 | 4 | 12.5 | 8.5 | 4 | 13 | 9.5 | 4 | 14.5 | 10.5 | 4 | 16 | 11.625 | 6 | 17 | 12.625 | 6 | 19 | 14.875 | 8 | 20.5 | 16.875 |
| 6 | 3420 | 4 | 12 | 9.5 | 4 | 13.5 | 10.5 | 4 | 15 | 11.625 | 4 | 16 | 12.625 | 6 | 17.5 | 13.625 | 6 | 18.5 | 15.875 | 8 | 20.5 | 17.875 |
| 8 | 4500 | 4 | 16 | 11.625 | 4 | 17 | 12.625 | 4 | 18.5 | 13.625 | 6 | 19 | 14.875 | 6 | 20 | 15.875 | 6 | 21.5 | 18.125 | 8 | 23 | 20.125 |
| 10 | 5400 | 4 | 19 | 13.875 | 4 | 19.5 | 15.125 | 4 | 20.5 | 16.125 | 6 | 21 | 17.125 | 6 | 22 | 18.125 | 6 | 23.5 | 20.125 | 8 | 25.5 | 22.125 |
| 12 | 5850 | 4 | 21 | 16.125 | 4 | 21.5 | 17.125 | 4 | 22.5 | 18.125 | 6 | 23.5 | 19.125 | 6 | 24 | 20.125 | 6 | 26 | 22.125 | 8 | 27.5 | 24.125 |
| 14 | 6750 | 4 | 22 | 17.125 | 4 | 23 | 18.125 | 4 | 24 | 19.125 | 6 | 24.5 | 20.125 | 6 | 25.5 | 21.125 | 6 | 27.5 | 23.125 | 8 | 28.5 | 25.125 |
| 16 | 7800 | 4 | 23.5 | 19.375 | 4 | 24 | 20.375 | 6 | 25 | 21.375 | 6 | 26 | 22.375 | 6 | 27 | 23.375 | 8 | 28 | 25.375 | 8 | 29 | 27.375 |
| 18 | 8550 | 4 | 25.5 | 21.375 | 4 | 26.5 | 22.375 | 6 | 27.5 | 23.375 | 6 | 28 | 24.375 | 6 | 28.5 | 25.375 | 8 | 29.5 | 27.375 | 8 | 31 | 29.375 |
| 20 | 9150 | 4 | 28 | 23.375 | 4 | 28.5 | 24.375 | 6 | 29 | 25.375 | 6 | 29.5 | 26.375 | 6 | 30 | 27.375 | 8 | 31.5 | 29.375 | 8 | 33 | 31.375 |
| 24 | 9600 | 4 | 31 | 27.375 | 4 | 32 | 28.375 | 6 | 32.5 | 29.375 | 6 | 33 | 30.375 | 6 | 34 | 31.375 | 8 | 35.5 | 33.375 | 8 | 37 | 35.375 |
| 30 | 12600 | 4 | 37 | 33.625 | 6 | 38 | 34.625 | 6 | 38.5 | 35.625 | 6 | 39.5 | 36.625 | 6 | 40.5 | 37.625 | 8 | 42 | 39.625 | 8 | 43.5 | 41.625 |
| 36 | 14700 | 4 | 43 | 40.125 | 6 | 43.5 | 41.125 | 6 | 44.5 | 42.125 | 6 | 45.5 | 43.125 | 6 | 46 | 44.125 | 8 | 47.5 | 46.125 | 8 | 49.5 | 48.125 |
| 42 | 16650 | 4 | 49 | 46.125 | 6 | 50 | 47.125 | 6 | 51 | 48.125 | 6 | 51.5 | 49.125 | 6 | 52.5 | 50.125 | 8 | 54 | 52.125 | 8 | 55.5 | 54.125 |

Application:
 Model B8200 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended for installation on:
 · Flat Surfaces

Temperature Range: +40°F to +1200°F
 Note: Up to 1700° F available upon request.

Features:

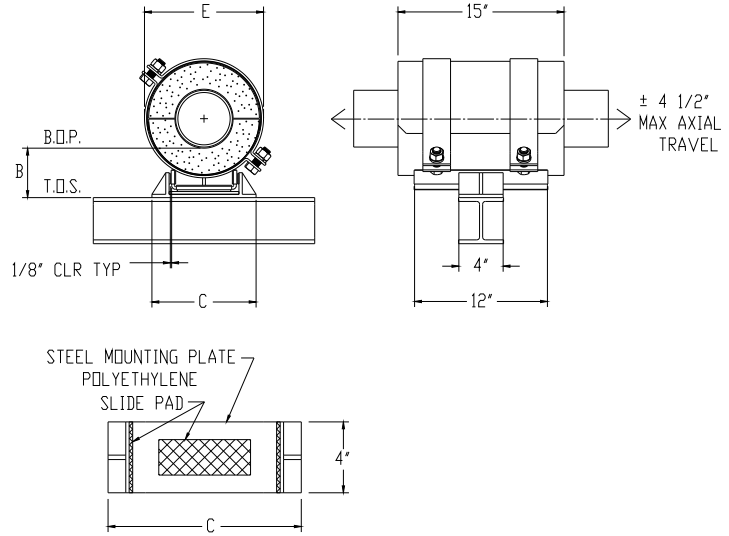
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
 Available upon request.

Material Data:

- **B8200:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel, requirements. If lateral load is greater than 50% of actual vertical load, contact factory.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: For lateral travel, see: B6300

| Pipe Size | Vert. Load | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|------------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 500 | 4 | 5 | 3.375 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 3/4 | 620 | 4 | 5 | 3.375 | 4 | 5.5 | 4.5 | 4 | 6 | 5.5 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 | 800 | 4 | 5.5 | 4 | 4 | 6 | 5 | 4 | 6.5 | 6.062 | 4 | 7.5 | 7.125 | 6 | 8 | 8.125 | 6 | 10 | 10.125 | 8 | 11.5 | 12.25 |
| 1 1/2 | 1160 | 4 | 6 | 4.5 | 4 | 6.5 | 5.5 | 4 | 8 | 7.125 | 4 | 8.5 | 8.125 | 6 | 9.5 | 9.125 | 6 | 11.5 | 11.25 | 8 | 13 | 13.25 |
| 2 | 1340 | 4 | 7 | 5 | 4 | 7.5 | 6.0625 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 6 | 10 | 9.125 | 6 | 12 | 11.25 | 8 | 13.5 | 13.25 |
| 2 1/2 | 1640 | 4 | 7 | 5.5 | 4 | 8.5 | 7.125 | 4 | 9 | 8.125 | 4 | 10 | 9.125 | 6 | 11 | 10.125 | 6 | 12.5 | 12.375 | 8 | 14 | 14.625 |
| 3 | 1900 | 4 | 8 | 6.187 | 4 | 9 | 7.125 | 4 | 9.5 | 8.125 | 4 | 10.5 | 9.125 | 6 | 11.5 | 10.125 | 6 | 13 | 12.375 | 8 | 14.5 | 14.625 |
| 4 | 3000 | 4 | 10 | 7.25 | 4 | 10.5 | 8.25 | 4 | 11.5 | 9.25 | 4 | 12.5 | 10.25 | 6 | 13.5 | 11.375 | 6 | 15 | 13.375 | 8 | 16.5 | 15.625 |
| 5 | 3760 | 4 | 13 | 8.5 | 4 | 13.5 | 9.5 | 4 | 15 | 10.5 | 4 | 16.5 | 11.625 | 6 | 17.5 | 12.625 | 6 | 19.5 | 14.875 | 8 | 21 | 16.875 |
| 6 | 4560 | 4 | 13 | 9.5 | 4 | 14.5 | 10.5 | 4 | 16 | 11.625 | 4 | 17 | 12.625 | 6 | 18.5 | 13.625 | 6 | 19.5 | 15.875 | 8 | 21.5 | 17.875 |
| 8 | 6000 | 4 | 17 | 11.625 | 4 | 18 | 12.625 | 4 | 19.5 | 13.625 | 6 | 20 | 14.875 | 6 | 21 | 15.875 | 6 | 22.5 | 18.125 | 8 | 24 | 20.125 |
| 10 | 7200 | 4 | 20 | 13.875 | 4 | 20.5 | 15.125 | 4 | 21.5 | 16.125 | 6 | 22 | 17.125 | 6 | 23 | 18.125 | 6 | 24.5 | 20.125 | 8 | 26.5 | 22.125 |
| 12 | 7800 | 4 | 21.5 | 16.125 | 4 | 22 | 17.125 | 4 | 23 | 18.125 | 6 | 24 | 19.125 | 6 | 24.5 | 20.125 | 6 | 26.5 | 22.125 | 8 | 28 | 24.375 |
| 14 | 9000 | 4 | 22.5 | 17.125 | 4 | 23.5 | 18.125 | 4 | 24.5 | 19.125 | 6 | 25 | 20.125 | 6 | 26 | 21.125 | 6 | 28 | 23.375 | 8 | 29 | 25.375 |
| 16 | 10400 | 4 | 24.5 | 19.375 | 4 | 25 | 20.375 | 6 | 26 | 21.375 | 6 | 27 | 22.375 | 6 | 28 | 23.375 | 8 | 29 | 25.375 | 8 | 30 | 27.375 |
| 18 | 11400 | 4 | 26.5 | 21.375 | 4 | 27.5 | 22.375 | 6 | 28.5 | 23.375 | 6 | 29 | 24.375 | 6 | 29.5 | 25.375 | 8 | 30.5 | 27.375 | 8 | 32 | 29.375 |
| 20 | 12200 | 4 | 29 | 23.375 | 4 | 29.5 | 24.375 | 6 | 30 | 25.375 | 6 | 30.5 | 26.375 | 6 | 31 | 27.375 | 8 | 32.5 | 29.375 | 8 | 34 | 31.375 |
| 24 | 12800 | 4 | 31.5 | 27.375 | 4 | 32.5 | 28.375 | 6 | 33 | 29.375 | 6 | 33.5 | 30.375 | 6 | 34.5 | 31.375 | 8 | 36 | 33.625 | 8 | 37.5 | 35.625 |
| 30 | 16800 | 4 | 37.5 | 33.625 | 6 | 38.5 | 34.625 | 6 | 39 | 35.625 | 6 | 40 | 37.125 | 6 | 41 | 38.125 | 8 | 42.5 | 40.125 | 8 | 44 | 42.125 |
| 36 | 19600 | 4 | 44 | 40.125 | 6 | 44.5 | 41.125 | 6 | 45.5 | 42.125 | 6 | 46.5 | 43.125 | 6 | 47 | 44.125 | 8 | 48.5 | 46.125 | 8 | 50.5 | 48.125 |
| 42 | 22200 | 4 | 50 | 46.125 | 6 | 51 | 47.125 | 6 | 52 | 48.125 | 6 | 52.5 | 49.125 | 6 | 53.5 | 50.125 | 8 | 55 | 52.125 | 8 | 56.5 | 54.125 |

Application:

Model B8300 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Note: Up to 1700° F available upon request.

Features:

- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Stainless steel to UHMW polyethylene slide
- Other I.D.'s and/or O.D.'s available on request
- Factory mounted polyethylene slide pad on steel mounting plate

Performance Test Results on File:
Available upon request.

Material Data:

- **B8300:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Slide Pad:** UHMW Polyethylene (Teflon Optional).
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.

INTRODUCTION

SECTION "C"

PIPE ANCHORS

APPLICATION – Heavy Industrial and Large HVAC Distribution Systems

TYPES – Welded and Insulated

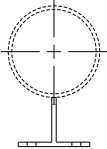
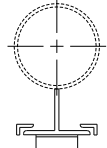
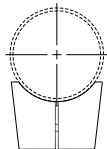
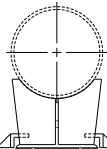
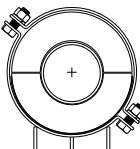
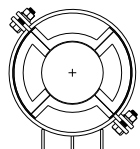
These anchors have been designed to provide dimensional compatibility with the base mounted supports in Section "B".

| | |
|----------------------|---|
| Models C1000 | Welded Tee Anchor for carbon steel pipe sizes 3" to 6". See Product Data Sheet for model numbers used with other pipe materials. |
| Models C1100 | Welded Tee "No Moment" Anchor for carbon steel pipe sizes 3" to 6". No weld required to sub-structure. See Product Data Sheet for model numbers used with other pipe materials. |
| Models C2000 | Welded Anchor similar to C1000 except for 8" pipe and larger. |
| Models C2100 | Welded "No Moment" Anchor similar to C1100 except for 8" pipe and larger. |
| Models C3000 - C3300 | Friction Anchors for relatively light axial forces and infrequent thermal cycling. The higher the model number in this series, the higher the load rating. |
| Models C4000 - C4300 | Insulated Positive Anchors for heavy axial forces. The higher the model number in this series, the higher the load rating. |

If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at 713-731-0030 or 1-800-787-5914.

Please acquaint yourself with the selection guide at the front of this catalog and the section index on the page following this introduction, for assistance in determining the most appropriate support for your application.

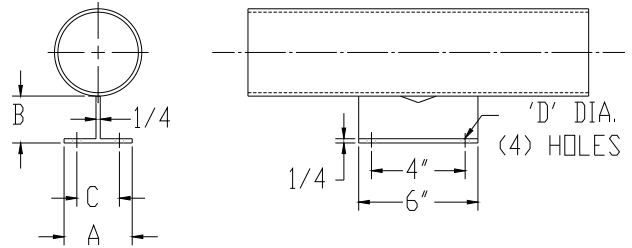
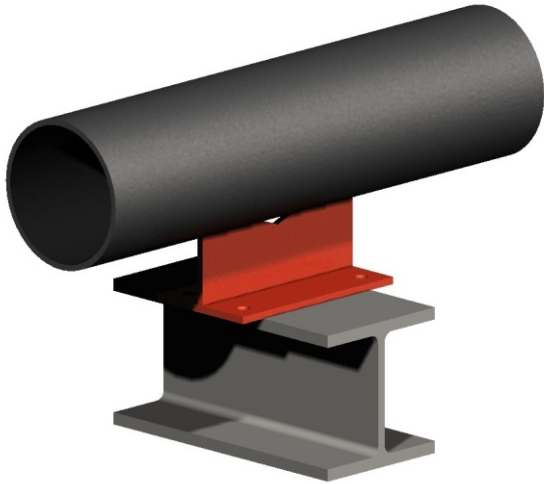
WELDED PIPE ANCHORS

| MODEL | PIPE SIZE RANGE | INSULATION | FIELD WELD TO PIPE | ROTATIONAL RESTRAINT | AXIAL LOAD CAPACITY |
|---|-----------------|------------|--------------------|----------------------|---------------------|
|  C1000 | 3 - 6 | NO | YES | YES | HEAVIEST |
|  C1100 | 3 - 6 | NO | YES | NO | HEAVIEST |
|  C2000 | 8 - 30 | NO | YES | YES | HEAVIEST |
|  C2100 | 8 - 30 | NO | YES | NO | HEAVIEST |
|  C3000 | 1/2 - 42 | YES | NO | NO | LIGHTEST |
| C3100 | 1/2 - 42 | YES | NO | NO | LIGHTER |
| C3200 | 1/2 - 42 | YES | NO | NO | LIGHT |
| C3300 | 1/2 - 42 | YES | NO | NO | MED/LIGHT |
|  C4000 | 1 - 42 | YES | YES | NO | LIGHTEST |
| C4100 | 1 - 42 | YES | YES | NO | LIGHTER |
| C4200 | 1 - 42 | YES | YES | NO | LIGHT |
| C4300 | 1 - 42 | YES | YES | NO | MED/LIGHT |

TO ORDER, specify:

1. Quantity 20
2. Pipe Size & Type 4" IPS
3. Insulation Thickness 2"
4. Model Number C1000

EXAMPLE: (20) 4 x 2 C1000

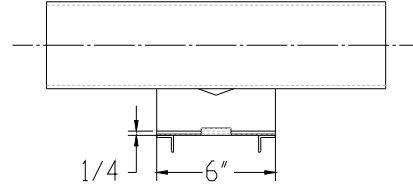
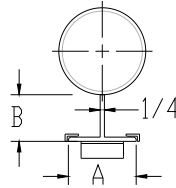


Dimensions and ratings are subject to change without notice.

Note: For "no moment" anchor, see: C1100, For large bore welded anchor, see: C2000,
For insulated friction anchor, see: C3000, For insulated positive anchor, see: C4000

| Pipe Size | A | C | D | Insulation Thickness | | | | | | |
|-----------|-----|------|------|----------------------|------|------|------|------|------|------|
| | | | | 1" B | 2" B | 3" B | 4" B | 5" B | 6" B | 7" B |
| 3 | 3 | 1.75 | 0.56 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 3.5 | 3.5 | 2.25 | 0.56 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 4 | 4 | 2.75 | 0.56 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 5 | 5 | 3.5 | 0.69 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 6 | 6 | 4.5 | 0.69 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |

| | | | | | | | | | | |
|--|----------------|--------------|-------|-------------|-------|----------------|-------|-----------|--|---|
| <p>Application:</p> <p>Model C1000 and C1030 are designed for use on:</p> <ul style="list-style-type: none"> · Pipe Sizes through 6" <p><u>Model No.</u> <u>For use with Pipe Material</u></p> <table> <tr> <td>C1000</td> <td>Carbon Steel</td> </tr> <tr> <td>C1010</td> <td>Chrome-Moly</td> </tr> <tr> <td>C1020</td> <td>Carbon Silicon</td> </tr> <tr> <td>C1030</td> <td>Stainless</td> </tr> </table> | C1000 | Carbon Steel | C1010 | Chrome-Moly | C1020 | Carbon Silicon | C1030 | Stainless | <p>Features:</p> <ul style="list-style-type: none"> · Supplied with bolt holes for choice of bolting or welding to support structure. · Bottom-of-pipe to top-of-steel matches base mounted insulated supports. See "B" Series. · Broad selection of materials to match pipe material and eliminate galvanic action. | <p>Material Data:</p> <ul style="list-style-type: none"> · C1000: A36 Carbon Steel. · C1010: A387 Gr. 11 Chrome-Moly Steel. · C1020: A515 Gr. 70 Carbon Silicon Steel. · C1030: 304L Stainless Steel. · Primer Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Other materials available upon request.</p> <p>Formal Submittal Sheets available.</p> |
| C1000 | Carbon Steel | | | | | | | | | |
| C1010 | Chrome-Moly | | | | | | | | | |
| C1020 | Carbon Silicon | | | | | | | | | |
| C1030 | Stainless | | | | | | | | | |



Dimensions and ratings are subject to change without notice.

Note: For welded anchor, see: C1000,
For insulated friction anchor, see: C3000,

For large bore welded anchor, see: C2100,
For insulated positive anchor, see: C4000

| Pipe Size | A | Insulation Thickness | | | | | | |
|-----------|-----|----------------------|----|----|----|----|----|----|
| | | 1" | 2" | 3" | 4" | 5" | 6" | 7" |
| | | B | B | B | B | B | B | B |
| 3 | 3 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 3.5 | 3.5 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 4 | 4 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 5 | 5 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 6 | 6 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |

Application:

Model C1100 and C1130 are designed for use on:
· Pipe Sizes through 6"

Model No. For use with Pipe Material

| | |
|-------|----------------|
| C1100 | Carbon Steel |
| C1110 | Chrome-Moly |
| C1120 | Carbon Silicon |
| C1130 | Stainless |

Features:

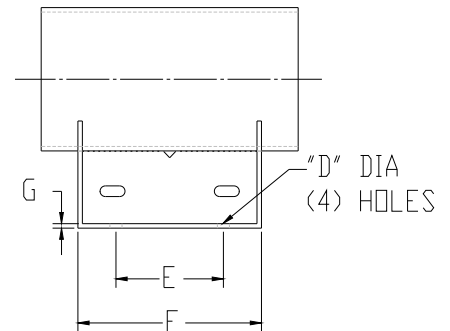
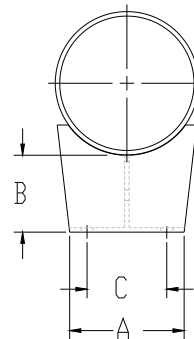
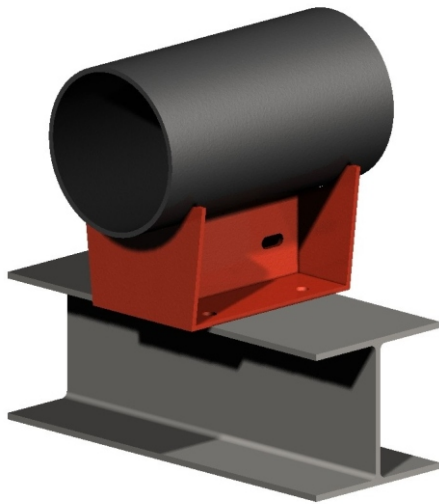
- Supplied with angle clips for field welding to restrict axial and lateral movement to +/- 1/8".
- Bottom-of-pipe to top-of-steel matches base mounted insulated supports. See "B" Series.
- Broad selection of materials to match pipe material and eliminate galvanic action.

Material Data:

- **C1100:** A36 Carbon Steel.
- **C1110:** A387 Gr. 11 Chrome-Moly Steel.
- **C1120:** A515 Gr. 70 Carbon Silicon Steel.
- **C1130:** 304L Stainless Steel.
- **Primer Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Other materials available upon request.

Formal Submittal Sheets available.

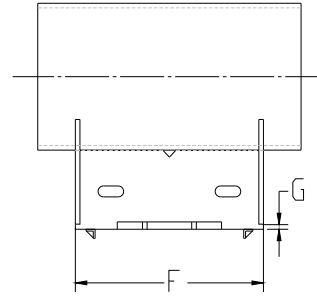
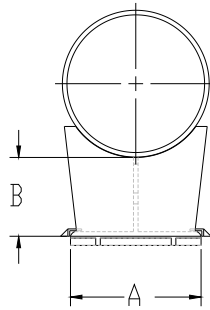
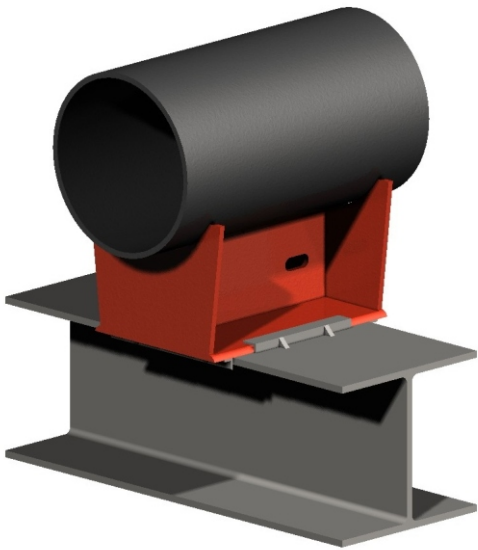


Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For small bore welded tee anchor, see: C1000, For large bore "no moment" anchor, see: C2100, For insulated friction anchor, see: C3000, For insulated positive anchor, see: C4000

| Pipe Size | A | C | D | E | F | G | Insulation Thickness | | | | | | |
|-----------|----|-----|------|----|----|------|----------------------|----|----|----|----|----|----|
| | | | | | | | 1" | 2" | 3" | 4" | 5" | 6" | 7" |
| | | | | | | | B | B | B | B | B | B | B |
| 8 | 6 | 4 | 0.69 | 9 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 10 | 6 | 4 | 0.69 | 9 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 12 | 6 | 4 | 0.81 | 9 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 14 | 6 | 4 | 0.81 | 9 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 16 | 6 | 4 | 0.81 | 9 | 12 | 0.38 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 18 | 9 | 6.5 | 0.94 | 15 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 20 | 9 | 6.5 | 0.94 | 15 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 24 | 9 | 6.5 | 0.94 | 15 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 30 | 12 | 9 | 1.06 | 15 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |

| | | | | | | | | | | |
|--|----------------|--------------|-------|-------------|-------|----------------|-------|-----------|--|---|
| <p>Application:</p> <p>Model C2000 and C2030 are designed for use on:</p> <ul style="list-style-type: none"> · Pipe Sizes 8" through 30" <p><u>Model No.</u> <u>For use with Pipe Material</u></p> <table> <tr> <td>C2000</td> <td>Carbon Steel</td> </tr> <tr> <td>C2010</td> <td>Chrome-Moly</td> </tr> <tr> <td>C2020</td> <td>Carbon Silicon</td> </tr> <tr> <td>C2030</td> <td>Stainless</td> </tr> </table> | C2000 | Carbon Steel | C2010 | Chrome-Moly | C2020 | Carbon Silicon | C2030 | Stainless | <p>Features:</p> <ul style="list-style-type: none"> · Supplied with bolt holes for choice of bolting or welding to support structure. · Bottom-of-pipe to top-of-steel matches base mounted insulated supports. See "B" Series. · Broad selection of materials to match pipe material and eliminate galvanic action. · Slots in central web for insulation banding. | <p>Material Data:</p> <ul style="list-style-type: none"> · C2000: A36 Carbon Steel. · C2010: A387 Gr. 11 Chrome-Moly Steel. · C2020: A515 Gr. 70 Carbon Silicon Steel. · C2030: 304L Stainless Steel. · Primer Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Other materials available upon request.</p> <p>Formal Submittal Sheets available.</p> |
| C2000 | Carbon Steel | | | | | | | | | |
| C2010 | Chrome-Moly | | | | | | | | | |
| C2020 | Carbon Silicon | | | | | | | | | |
| C2030 | Stainless | | | | | | | | | |



Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For welded anchor, see: C2000, For small bore welded tee"no moment" anchor, see: C1100,
 For insulated friction anchor, see: C3000, For insulated positive anchor, see: C4000

| Pipe Size | A | F | G | Insulation Thickness | | | | | | |
|-----------|----|----|------|----------------------|----|----|----|----|----|----|
| | | | | 1" | 2" | 3" | 4" | 5" | 6" | 7" |
| | | | | B | B | B | B | B | B | B |
| 8 | 6 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 10 | 6 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 12 | 6 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 14 | 6 | 12 | 0.38 | 4 | 4 | 6 | 6 | 8 | 8 | 10 |
| 16 | 6 | 12 | 0.38 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 18 | 9 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 20 | 9 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 24 | 9 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |
| 30 | 12 | 18 | 0.5 | 4 | 6 | 6 | 8 | 8 | 10 | 10 |

Application:

Model C2100 and C2130 are designed for use on:
 · Pipe Sizes 8" through 30"

Model No. For use with Pipe Material

| | |
|-------|----------------|
| C2100 | Carbon Steel |
| C2110 | Chrome-Moly |
| C2120 | Carbon Silicon |
| C2130 | Stainless |

Features:

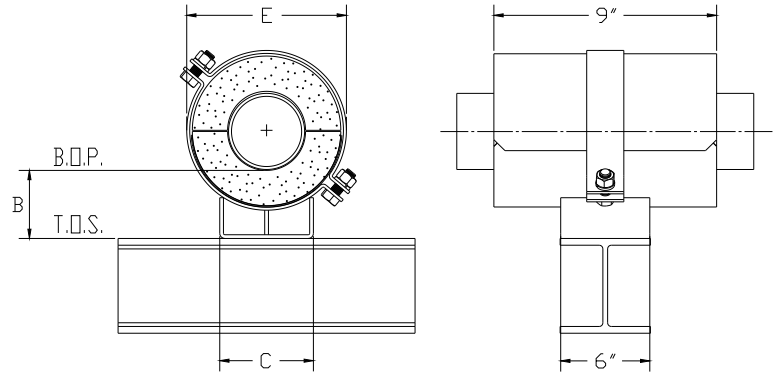
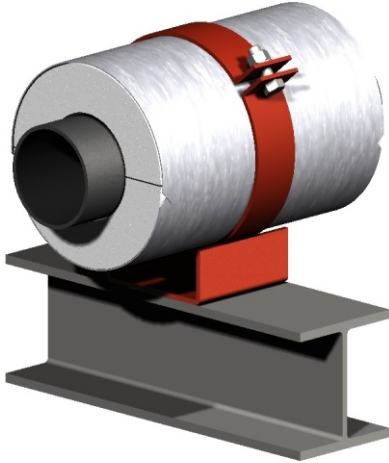
- Supplied with angle clips for field welding to restrict axial and lateral movement to +/- 1/8".
- Bottom-of-pipe to top-of-steel matches base mounted insulated supports. See "B" Series.
- Broad selection of materials to match pipe material and eliminate galvanic action.
- Slots in central web for insulation banding

Material Data:

- **C2100:** A36 Carbon Steel.
- **C2110:** A387 Gr. 11 Chrome-Moly Steel.
- **C2120:** A515 Gr. 70 Carbon Silicon Steel.
- **C2130:** 304L Stainless Steel.
- **Primer Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Other materials available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C3100, C4000

| Pipe Size | Load Rating | | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|-------------|-----------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | Vert. Lbs | Axial Lbs | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 140 | 28 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 175 | 35 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 1 | 225 | 45 | 4 | 2 | 3.875 | 4 | 2.5 | 4.875 | 4 | 3 | 5.937 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 325 | 65 | 4 | 2 | 4.375 | 4 | 2.5 | 5.5 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 375 | 75 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7 | 4 | 4.5 | 8 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 460 | 92 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 530 | 106 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 840 | 168 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 1050 | 210 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 6 | 8 | 12.375 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 1275 | 255 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 4 | 7.5 | 11.375 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 1700 | 340 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 17.875 | 8 | 13 | 20.125 |
| 10 | 2000 | 400 | 4 | 9 | 13.625 | 4 | 9.5 | 14.875 | 4 | 10.5 | 15.875 | 6 | 11 | 16.875 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 2200 | 440 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 2500 | 500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 2900 | 580 | 4 | 12.5 | 19.125 | 4 | 13 | 20.125 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 3200 | 640 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 3400 | 680 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 3600 | 720 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 4700 | 940 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 5500 | 1100 | 4 | 26.5 | 39.625 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 6200 | 1240 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model C3000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Where thermal cycle are infrequent
- Where axial forces are relatively light or in balance
- Intended for installation on:
 - Flat Surfaces

Temperature Range: +40° F to +1200° F

Features:

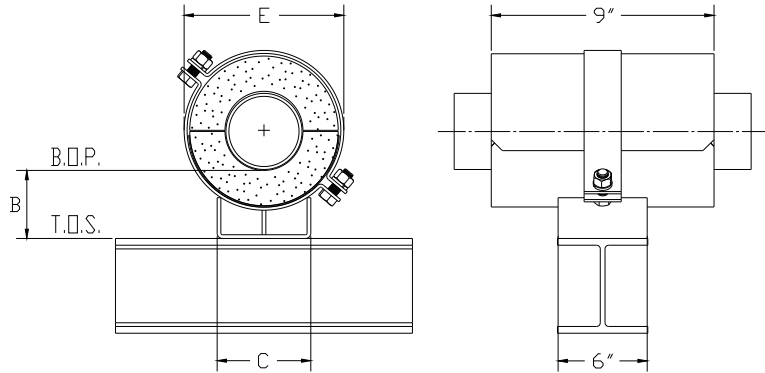
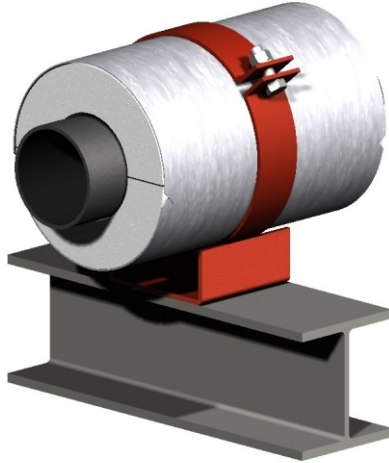
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance Test Results on File:
Available upon request.

Material Data:

- C3000:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C3200, C4100

| Pipe Size | Load Rating | | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|-------------|-----------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | Vert. Lbs | Axial Lbs | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 280 | 56 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.125 |
| 3/4 | 350 | 70 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 | 450 | 90 | 4 | 2 | 3.875 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 12.25 |
| 1 1/2 | 650 | 130 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 750 | 150 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 920 | 184 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 |
| 3 | 1060 | 212 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 1680 | 336 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 2100 | 420 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 2550 | 510 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 3400 | 680 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 4000 | 800 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 4400 | 880 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 5000 | 1000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 5800 | 1160 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 6400 | 1280 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 6800 | 1360 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 7200 | 1440 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 9400 | 1880 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 11000 | 2200 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 12400 | 2480 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

Model C3100 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Dual Temperature · Chilled Water
- Where thermal cycle are infrequent
- Where axial forces are relatively light or in balance

Intended for installation on:

- Flat Surfaces

Temperature Range: +40° F to +1200° F

Features:

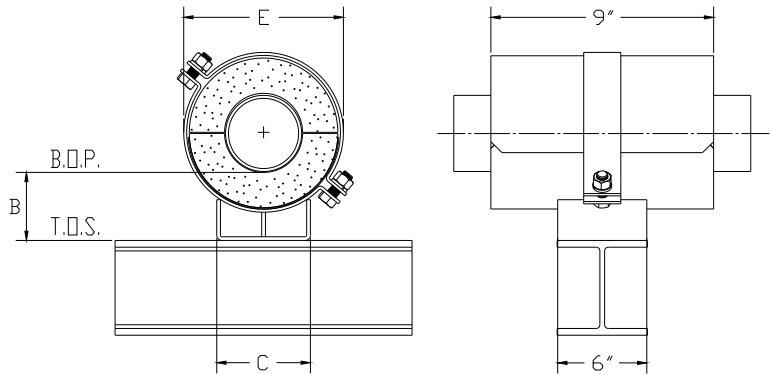
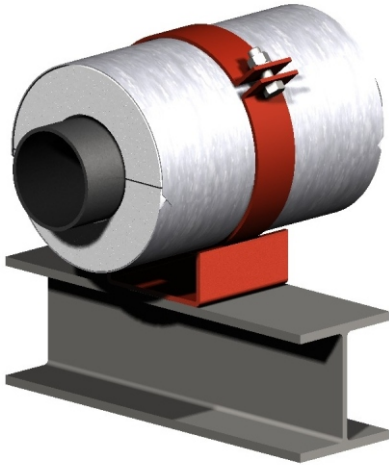
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance Test Results on File Available upon request.

Material Data:

- **C3100:** Applicable PSI spec. doc.: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps/Base:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

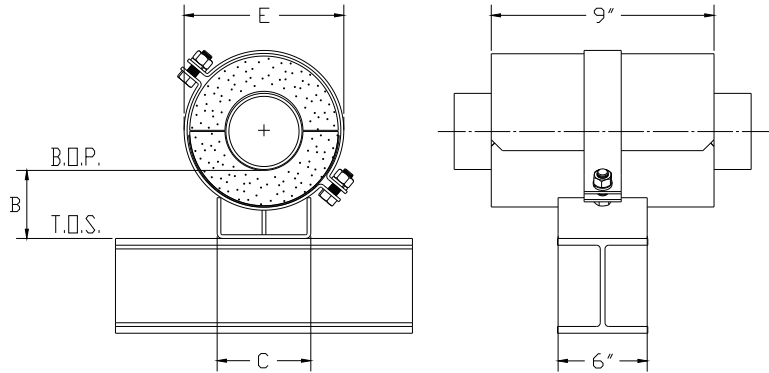
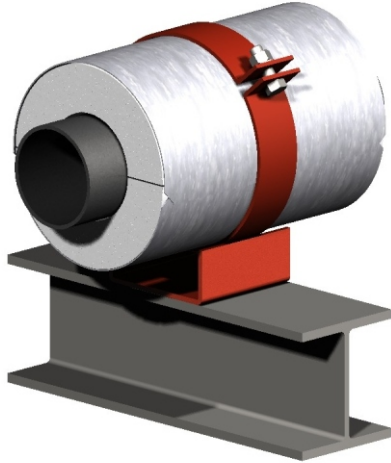
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C3300, C4200

| Pipe Size | Load Rating | | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | | |
|-----------|-------------|-----------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|--------|
| | Vert. Lbs | Axial Lbs | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | |
| 1/2 | 400 | 80 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 8 | 12.125 |
| 3/4 | 500 | 100 | 4 | 1.5 | 3.25 | 4 | 2 | 4.375 | 4 | 2.5 | 5.375 | 4 | 4 | 7 | 6 | 4.5 | 8 | 6 | 6.5 | 10 | 8 | 8 | 8 | 12.25 |
| 1 | 650 | 130 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 8 | 12.25 |
| 1 1/2 | 950 | 190 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 9 | 13.25 |
| 2 | 1100 | 220 | 4 | 2.5 | 5 | 4 | 3 | 6.1875 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 9 | 13.25 |
| 2 1/2 | 1350 | 270 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.25 | 8 | 9.5 | 14.5 | |
| 3 | 1600 | 320 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 | |
| 4 | 2500 | 500 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 | |
| 5 | 3100 | 620 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 | |
| 6 | 3800 | 760 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 | |
| 8 | 5100 | 1020 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 | |
| 10 | 6000 | 1200 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 | |
| 12 | 6600 | 1320 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 | |
| 14 | 7500 | 1500 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 | |
| 16 | 8700 | 1740 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 | |
| 18 | 9600 | 1920 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 | |
| 20 | 10200 | 2040 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 | |
| 24 | 10800 | 2160 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 | |
| 30 | 14100 | 2820 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 | |
| 36 | 16500 | 3300 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 | |
| 42 | 18600 | 3720 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 | |

| | | |
|--|---|---|
| <p>Application:</p> <p>Model C3200 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Dual Temperature · Where thermal cycle are infrequent · Where axial forces are relatively light or in balance Intended for installation on: · Flat Surfaces <p>Temperature Range: +40° F to +1200° F</p> | <p>Features:</p> <ul style="list-style-type: none"> · All pipe sizes · Easy Installation · Eliminates welding to pipe · Overlapping galvanized sheet metal jacket · Insulating structural inserts for load transfer · Other I.D.'s and/or O.D.'s available on request · Bottom-of-pipe to top-of-shield matches insulated supports in "B" series <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · C3200: Applicable PSI spec. doc.: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps/Base: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|--|---|---|



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C4300

| Pipe Size | Load Rating | | Insul. Thk. = 1" | | | Insul. Thk. = 1-1/2" | | | Insul. Thk. = 2" | | | Insul. Thk. = 2-1/2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | | Insul. Thk. = 5" | | |
|-----------|-------------|-----------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|----------------------|------|--------|------------------|------|--------|------------------|------|--------|------------------|------|--------|
| | Vert. Lbs | Axial Lbs | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E | B | C | E |
| 1/2 | 550 | 110 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 3/4 | 700 | 140 | 4 | 1.5 | 3.375 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 | 900 | 180 | 4 | 2 | 4 | 4 | 2.5 | 5 | 4 | 3 | 6.062 | 4 | 4 | 7.125 | 6 | 4.5 | 8.125 | 6 | 6.5 | 10.125 | 8 | 8 | 12.25 |
| 1 1/2 | 1300 | 260 | 4 | 2 | 4.5 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 | 1500 | 300 | 4 | 2.5 | 5 | 4 | 3 | 6.0625 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 6 | 5.5 | 9.125 | 6 | 7.5 | 11.25 | 8 | 9 | 13.25 |
| 2 1/2 | 1800 | 360 | 4 | 2.5 | 5.5 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 3 | 2100 | 420 | 4 | 3 | 6.187 | 4 | 4 | 7.125 | 4 | 4.5 | 8.125 | 4 | 5.5 | 9.125 | 6 | 6.5 | 10.125 | 6 | 8 | 12.375 | 8 | 9.5 | 14.625 |
| 4 | 3350 | 670 | 4 | 4 | 7.25 | 4 | 4.5 | 8.25 | 4 | 5.5 | 9.25 | 4 | 6.5 | 10.25 | 6 | 7.5 | 11.375 | 6 | 9 | 13.375 | 8 | 10.5 | 15.625 |
| 5 | 4200 | 840 | 4 | 4.5 | 8.5 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 6 | 8 | 12.625 | 6 | 9.5 | 14.875 | 8 | 11 | 16.875 |
| 6 | 5100 | 1020 | 4 | 5.5 | 9.5 | 4 | 6.5 | 10.5 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 6 | 9 | 13.625 | 6 | 10.5 | 15.875 | 8 | 12 | 17.875 |
| 8 | 6800 | 1360 | 4 | 7.5 | 11.625 | 4 | 8 | 12.625 | 4 | 9 | 13.625 | 6 | 9.5 | 14.875 | 6 | 10.5 | 15.875 | 6 | 12 | 18.125 | 8 | 13 | 20.125 |
| 10 | 8000 | 1600 | 4 | 9 | 13.875 | 4 | 9.5 | 15.125 | 4 | 10.5 | 16.125 | 6 | 11 | 17.125 | 6 | 12 | 18.125 | 6 | 13 | 20.125 | 8 | 14.5 | 22.125 |
| 12 | 8800 | 1760 | 4 | 10.5 | 16.125 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 6 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14.5 | 22.125 | 8 | 16 | 24.125 |
| 14 | 10000 | 2000 | 4 | 11 | 17.125 | 4 | 12 | 18.125 | 4 | 12.5 | 19.125 | 6 | 13 | 20.125 | 6 | 14 | 21.125 | 6 | 15.5 | 23.125 | 8 | 16.5 | 25.125 |
| 16 | 11600 | 2320 | 4 | 12.5 | 19.375 | 4 | 13 | 20.375 | 6 | 14 | 21.375 | 6 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 8 | 16.5 | 25.375 | 8 | 18 | 27.375 |
| 18 | 12800 | 2560 | 4 | 14 | 21.375 | 4 | 14.5 | 22.375 | 6 | 15.5 | 23.375 | 6 | 16 | 24.375 | 6 | 16.5 | 25.375 | 8 | 18 | 27.375 | 8 | 19.5 | 29.375 |
| 20 | 13600 | 2720 | 4 | 15.5 | 23.375 | 4 | 16 | 24.375 | 6 | 16.5 | 25.375 | 6 | 17.5 | 26.375 | 6 | 18 | 27.375 | 8 | 19.5 | 29.375 | 8 | 21 | 31.375 |
| 24 | 14400 | 2880 | 4 | 18 | 27.375 | 4 | 19 | 28.375 | 6 | 19.5 | 29.375 | 6 | 20.5 | 30.375 | 6 | 21 | 31.375 | 8 | 22.5 | 33.375 | 8 | 24 | 35.375 |
| 30 | 18800 | 3760 | 4 | 22.5 | 33.625 | 6 | 23 | 34.625 | 6 | 24 | 35.625 | 6 | 24.5 | 36.625 | 6 | 25 | 37.625 | 8 | 26.5 | 39.625 | 8 | 28 | 41.625 |
| 36 | 22000 | 4400 | 4 | 26.5 | 40.125 | 6 | 27.5 | 41.125 | 6 | 28 | 42.125 | 6 | 28.5 | 43.125 | 6 | 29.5 | 44.125 | 8 | 31 | 46.125 | 8 | 32.5 | 48.125 |
| 42 | 24800 | 4960 | 4 | 31 | 46.125 | 6 | 31.5 | 47.125 | 6 | 32.5 | 48.125 | 6 | 33 | 49.125 | 6 | 33.5 | 50.125 | 8 | 35 | 52.125 | 8 | 36.5 | 54.125 |

Application:

- Model C3300 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Where thermal cycle are infrequent
 - Where axial forces are relatively light or in balance Intended for installation on:
 - Flat Surfaces
- Temperature Range:** +40° F to +1200° F

Features:

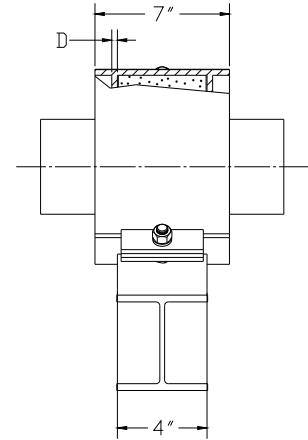
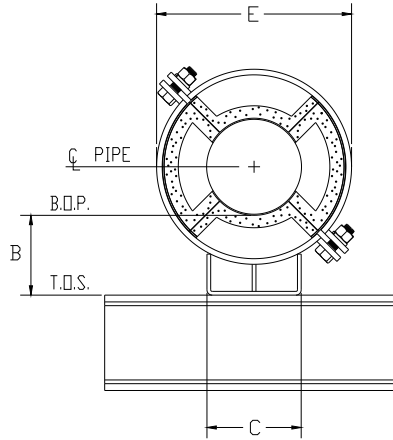
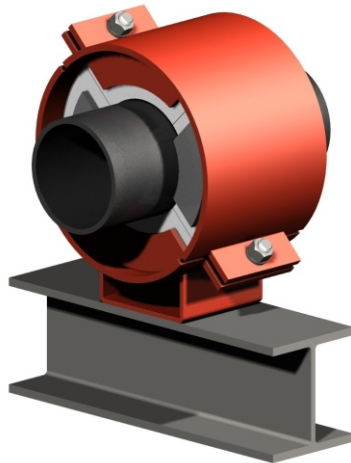
- All pipe sizes
- Easy Installation
- Eliminates welding to pipe
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance Test Results on File:
Available upon request.

Material Data:

- C3300:** Applicable PSI spec. doc.: No. 209.
- Insulation:** Calcium Silicate asbestos-free, treated with water repellant.
- Jackets:** Galvanized Steel ASTM A-527.
- Glue:** Industrial contact adhesive
- Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base:** Carbon Steel ASTM A-36.
- Fasteners:** ASTM A-307 plated.
- Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C4100

If thrust plate thickness "D" is greater than pipe wall thickness, consult factory

| Pipe Size | Load Rating | | Insul. Thk. = 1" | | | | Insul. Thk. = 1-1/2" | | | | Insul. Thk. = 2" | | | | Insul. Thk. = 2-1/2" | | | | Insul. Thk. = 3" | | | | Insul. Thk. = 4" | | | | | | | |
|-----------|-------------|-----------|------------------|------|--------|--------|----------------------|------|--------|--------|------------------|------|------|--------|----------------------|------|--------|--------|------------------|------|--------|--------|------------------|------|--------|--------|---|------|--------|--------|
| | Vert. Lbs | Axial Lbs | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E | | | | |
| 1 | 200 | 410 | 4 | 2 | 0.1875 | 4.125 | 4 | 2.5 | 0.1875 | 5.125 | 4 | 3 | 0.25 | 6.187 | 4 | 4 | 0.25 | 7.25 | 6 | 4.5 | 0.25 | 8.25 | 6 | 6.5 | 0.25 | 10.25 | 6 | 6.5 | 0.25 | 10.25 |
| 1 1/2 | 290 | 590 | 4 | 2 | 0.1875 | 4.625 | 4 | 2.5 | 0.1875 | 5.625 | 4 | 4 | 0.25 | 7.25 | 4 | 4.5 | 0.25 | 8.25 | 6 | 5.5 | 0.25 | 9.25 | 6 | 7.5 | 0.25 | 11.375 | 6 | 7.5 | 0.25 | 11.375 |
| 2 | 360 | 730 | 4 | 2.5 | 0.1875 | 5.125 | 4 | 3 | 0.1875 | 6.1875 | 4 | 4 | 0.25 | 7.25 | 4 | 4.5 | 0.25 | 8.25 | 6 | 5.5 | 0.25 | 9.25 | 6 | 7.5 | 0.3125 | 11.375 | 6 | 7.5 | 0.3125 | 11.375 |
| 2 1/2 | 440 | 890 | 4 | 2.5 | 0.1875 | 5.625 | 4 | 4 | 0.1875 | 7.25 | 4 | 4.5 | 0.25 | 8.25 | 4 | 5.5 | 0.25 | 9.25 | 6 | 6.5 | 0.25 | 10.25 | 6 | 8 | 0.3125 | 12.375 | 6 | 8 | 0.3125 | 12.375 |
| 3 | 530 | 1400 | 4 | 3 | 0.1875 | 6.187 | 4 | 4 | 0.25 | 7.25 | 4 | 4.5 | 0.25 | 8.25 | 4 | 5.5 | 0.3125 | 9.25 | 6 | 6.5 | 0.3125 | 10.25 | 6 | 8 | 0.375 | 12.375 | 6 | 8 | 0.375 | 12.375 |
| 4 | 840 | 1730 | 4 | 4 | 0.1875 | 7.25 | 4 | 4.5 | 0.25 | 8.25 | 4 | 5.5 | 0.25 | 9.25 | 4 | 6.5 | 0.3125 | 10.25 | 6 | 7.5 | 0.3125 | 11.375 | 6 | 9 | 0.375 | 13.375 | 6 | 9 | 0.375 | 13.375 |
| 5 | 1050 | 2060 | 4 | 4.5 | 0.1875 | 8.25 | 4 | 5.5 | 0.25 | 9.25 | 4 | 6.5 | 0.25 | 10.25 | 4 | 7.5 | 0.3125 | 11.375 | 6 | 8 | 0.3125 | 12.375 | 6 | 9.5 | 0.375 | 14.625 | 6 | 9.5 | 0.375 | 14.625 |
| 6 | 1275 | 2400 | 4 | 5.5 | 0.1875 | 9.25 | 4 | 6.5 | 0.25 | 10.25 | 4 | 7.5 | 0.25 | 11.375 | 4 | 8 | 0.3125 | 12.375 | 6 | 9 | 0.3125 | 13.375 | 6 | 10.5 | 0.375 | 15.625 | 6 | 10.5 | 0.375 | 15.625 |
| 8 | 1700 | 3020 | 4 | 7.5 | 0.1875 | 11.375 | 4 | 8 | 0.25 | 12.375 | 4 | 9 | 0.25 | 13.375 | 6 | 9.5 | 0.3125 | 14.625 | 6 | 10.5 | 0.3125 | 15.625 | 6 | 12 | 0.375 | 17.625 | 6 | 12 | 0.375 | 17.625 |
| 10 | 2000 | 3700 | 4 | 9 | 0.1875 | 13.625 | 4 | 9.5 | 0.25 | 14.875 | 4 | 10.5 | 0.25 | 15.875 | 6 | 11 | 0.3125 | 16.875 | 6 | 12 | 0.3125 | 17.875 | 6 | 13 | 0.375 | 19.875 | 6 | 13 | 0.375 | 19.875 |
| 12 | 2200 | 4320 | 4 | 10.5 | 0.1875 | 15.625 | 4 | 11 | 0.25 | 16.875 | 4 | 12 | 0.25 | 17.875 | 6 | 12.5 | 0.3125 | 18.875 | 6 | 13 | 0.3125 | 19.875 | 6 | 14.5 | 0.375 | 21.875 | 6 | 14.5 | 0.375 | 21.875 |
| 14 | 2500 | 4700 | 4 | 11 | 0.1875 | 16.625 | 4 | 12 | 0.25 | 17.875 | 4 | 12.5 | 0.25 | 18.875 | 6 | 13 | 0.3125 | 19.875 | 6 | 14 | 0.3125 | 20.875 | 6 | 15.5 | 0.375 | 22.875 | 6 | 15.5 | 0.375 | 22.875 |
| 16 | 2900 | 5340 | 4 | 12.5 | 0.1875 | 18.625 | 4 | 13 | 0.25 | 19.875 | 6 | 14 | 0.25 | 20.875 | 6 | 14.5 | 0.3125 | 21.875 | 6 | 15.5 | 0.3125 | 22.875 | 6 | 16.5 | 0.375 | 24.875 | 6 | 16.5 | 0.375 | 24.875 |
| 18 | 3200 | 5970 | 4 | 14 | 0.1875 | 20.625 | 4 | 14.5 | 0.25 | 21.875 | 6 | 15.5 | 0.25 | 22.875 | 6 | 16 | 0.3125 | 23.875 | 6 | 16.5 | 0.3125 | 24.875 | 8 | 18 | 0.375 | 26.875 | 6 | 18 | 0.375 | 26.875 |
| 20 | 3400 | 6600 | 4 | 15.5 | 0.1875 | 22.625 | 4 | 16 | 0.25 | 23.875 | 6 | 16.5 | 0.25 | 24.875 | 6 | 17.5 | 0.3125 | 25.875 | 6 | 18 | 0.3125 | 26.875 | 8 | 19.5 | 0.375 | 28.875 | 6 | 19.5 | 0.375 | 28.875 |
| 24 | 3600 | 7850 | 4 | 18 | 0.1875 | 26.625 | 4 | 19 | 0.25 | 27.875 | 6 | 19.5 | 0.25 | 28.875 | 6 | 20.5 | 0.3125 | 29.875 | 6 | 21 | 0.3125 | 30.875 | 8 | 22.5 | 0.375 | 32.875 | 6 | 22.5 | 0.375 | 32.875 |
| 30 | 4700 | 9740 | 4 | 22.5 | 0.1875 | 33.125 | 6 | 23 | 0.25 | 34.125 | 6 | 24 | 0.25 | 35.125 | 6 | 24.5 | 0.3125 | 36.125 | 6 | 25 | 0.3125 | 37.125 | 8 | 26.5 | 0.375 | 39.125 | 6 | 26.5 | 0.375 | 39.125 |
| 36 | 5500 | 11600 | 4 | 26.5 | 0.1875 | 39.125 | 6 | 27.5 | 0.25 | 40.125 | 6 | 28 | 0.25 | 41.125 | 6 | 28.5 | 0.3125 | 42.125 | 6 | 29.5 | 0.3125 | 43.125 | 8 | 31 | 0.375 | 45.125 | 6 | 31 | 0.375 | 45.125 |
| 42 | 6200 | 13500 | 4 | 31 | 0.1875 | 45.125 | 6 | 31.5 | 0.25 | 46.125 | 6 | 32.5 | 0.25 | 47.125 | 6 | 33 | 0.3125 | 48.125 | 6 | 33.5 | 0.3125 | 49.125 | 8 | 35 | 0.375 | 51.125 | 6 | 35 | 0.375 | 51.125 |

Application:

Model C4000 through C4030 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 · Where large axial forces must be resisted
 Intended for installation on:
 · Flat Surfaces
Temperature Range: +40°F to +1200°F

Features:

- All pipe sizes
- Easy Installation
- Galvanized sheet metal jacket
- Positive stop - axial, lateral, vertical
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

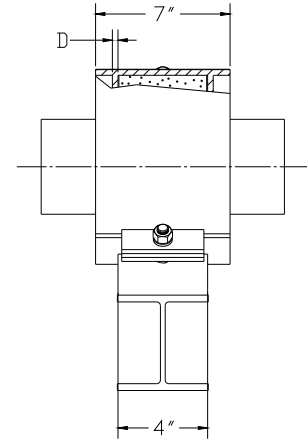
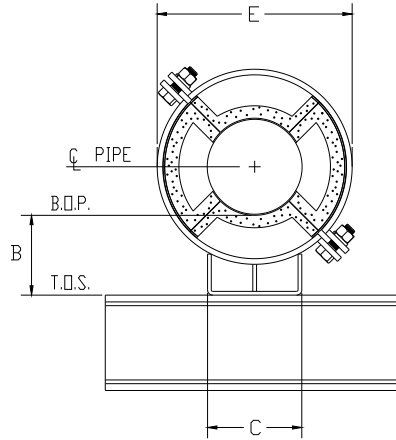
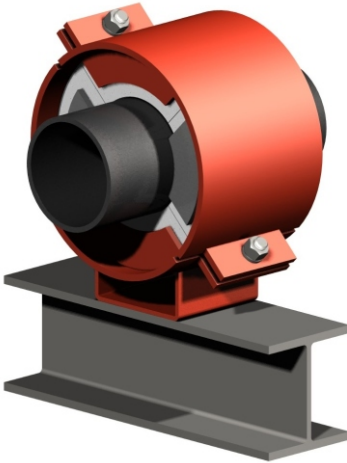
Performance Test Results on File:
 Available upon request.

Material Data:

- C4000 - C4030: specification document: No. 209.
- Steel Inner Thrust Plates (supplied loose):

| Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| C4000 | A36 | Carbon-Steel |
| C4010 | A387GR.11 | Chrome-Moly |
| C4020 | A515GR.70 | Carbon Silicon |
| C4030 | A304L | Stainless Steel |
- **Structural Inserts:** High-density calcium silicate. Asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Steel Straps & Base:** Carbon Steel ASTM A-36
- **Glue:** Industrial contact adhesive.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.
- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C4200

If thrust plate thickness "D" is greater than pipe wall thickness, consult factory

| Pipe Size | Load Rating | | Insul. Thk. = 1-1/2" | | | | Insul. Thk. = 2" | | | | Insul. Thk. = 2-1/2" | | | | Insul. Thk. = 3" | | | | Insul. Thk. = 4" | | | |
|-----------|-------------|-----------|----------------------|------|--------|--------|------------------|------|--------|--------|----------------------|------|--------|--------|------------------|------|--------|--------|------------------|------|--------|--------|
| | Vert. Lbs | Axial Lbs | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E |
| 1 | 400 | 640 | 4 | 2.5 | 0.25 | 5.375 | 4 | 3 | 0.25 | 6.437 | 4 | 4 | 0.25 | 7.5 | 6 | 4.5 | 0.25 | 8.5 | 6 | 6.5 | 0.3125 | 10.5 |
| 1 1/2 | 580 | 930 | 4 | 2.5 | 0.25 | 5.875 | 4 | 4 | 0.25 | 7.5 | 4 | 4.5 | 0.3125 | 8.5 | 6 | 5.5 | 0.3125 | 9.5 | 6 | 7.5 | 0.3125 | 11.625 |
| 2 | 720 | 1160 | 4 | 3 | 0.25 | 6.4375 | 4 | 4 | 0.25 | 7.5 | 4 | 4.5 | 0.3125 | 8.5 | 6 | 5.5 | 0.3125 | 9.5 | 6 | 7.5 | 0.3125 | 11.625 |
| 2 1/2 | 870 | 1410 | 4 | 4 | 0.25 | 7.5 | 4 | 4.5 | 0.25 | 8.5 | 4 | 5.5 | 0.3125 | 9.5 | 6 | 6.5 | 0.3125 | 10.5 | 6 | 8 | 0.375 | 12.625 |
| 3 | 1060 | 2400 | 4 | 4 | 0.3125 | 7.5 | 4 | 4.5 | 0.3125 | 8.5 | 4 | 5.5 | 0.375 | 9.5 | 6 | 6.5 | 0.375 | 10.5 | 6 | 8 | 0.5 | 12.625 |
| 4 | 1680 | 2900 | 4 | 4.5 | 0.3125 | 8.5 | 4 | 5.5 | 0.3125 | 9.5 | 4 | 6.5 | 0.375 | 10.5 | 6 | 7.5 | 0.375 | 11.625 | 6 | 9 | 0.5 | 13.625 |
| 5 | 2100 | 3400 | 4 | 5.5 | 0.3125 | 9.5 | 4 | 6.5 | 0.3125 | 10.5 | 4 | 7.5 | 0.375 | 11.625 | 6 | 8 | 0.375 | 12.625 | 6 | 9.5 | 0.5 | 14.875 |
| 6 | 2550 | 3900 | 4 | 6.5 | 0.3125 | 10.5 | 4 | 7.5 | 0.3125 | 11.625 | 4 | 8 | 0.375 | 12.625 | 6 | 9 | 0.375 | 13.625 | 6 | 10.5 | 0.5 | 15.875 |
| 8 | 3400 | 4850 | 4 | 8 | 0.3125 | 12.625 | 4 | 9 | 0.3125 | 13.625 | 6 | 9.5 | 0.375 | 14.875 | 6 | 10.5 | 0.375 | 15.875 | 6 | 12 | 0.5 | 17.875 |
| 10 | 4000 | 5850 | 4 | 9.5 | 0.3125 | 15.125 | 4 | 10.5 | 0.3125 | 16.125 | 6 | 11 | 0.375 | 17.125 | 6 | 12 | 0.375 | 18.125 | 6 | 13 | 0.5 | 20.125 |
| 12 | 4400 | 6800 | 4 | 11 | 0.3125 | 17.125 | 4 | 12 | 0.3125 | 18.125 | 6 | 12.5 | 0.375 | 19.125 | 6 | 13 | 0.375 | 20.125 | 6 | 14.5 | 0.5 | 22.125 |
| 14 | 5000 | 7350 | 4 | 12 | 0.3125 | 18.125 | 4 | 12.5 | 0.3125 | 19.125 | 6 | 13 | 0.375 | 20.125 | 6 | 14 | 0.375 | 21.125 | 6 | 15.5 | 0.5 | 23.125 |
| 16 | 5800 | 8320 | 4 | 13 | 0.3125 | 20.125 | 6 | 14 | 0.3125 | 21.125 | 6 | 14.5 | 0.375 | 22.125 | 6 | 15.5 | 0.375 | 23.125 | 8 | 16.5 | 0.5 | 25.125 |
| 18 | 6400 | 9240 | 4 | 14.5 | 0.3125 | 22.125 | 6 | 15.5 | 0.3125 | 23.125 | 6 | 16 | 0.375 | 24.125 | 6 | 16.5 | 0.375 | 25.125 | 8 | 18 | 0.5 | 27.125 |
| 20 | 6800 | 10200 | 4 | 16 | 0.3125 | 24.125 | 6 | 16.5 | 0.3125 | 25.125 | 6 | 17.5 | 0.375 | 26.125 | 6 | 18 | 0.375 | 27.125 | 8 | 19.5 | 0.5 | 29.125 |
| 24 | 7200 | 12000 | 4 | 19 | 0.3125 | 28.125 | 6 | 19.5 | 0.3125 | 29.125 | 6 | 20.5 | 0.375 | 30.125 | 6 | 21 | 0.375 | 31.125 | 8 | 22.5 | 0.5 | 33.125 |
| 30 | 9400 | 14900 | 6 | 23 | 0.3125 | 34.375 | 6 | 24 | 0.3125 | 35.375 | 6 | 24.5 | 0.375 | 36.375 | 6 | 25 | 0.375 | 37.375 | 8 | 26.5 | 0.5 | 39.375 |
| 36 | 11000 | 17750 | 6 | 27.5 | 0.3125 | 40.375 | 6 | 28 | 0.3125 | 41.375 | 6 | 28.5 | 0.375 | 42.375 | 6 | 29.5 | 0.375 | 43.375 | 8 | 31 | 0.5 | 45.375 |
| 42 | 12400 | 20500 | 6 | 31.5 | 0.3125 | 46.375 | 6 | 32.5 | 0.3125 | 47.375 | 6 | 33 | 0.375 | 48.375 | 6 | 33.5 | 0.375 | 49.375 | 8 | 35 | 0.5 | 51.375 |

Application:

Model C4100 through C4130 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 · Where large axial forces must be resisted
 Intended for installation on:
 · Flat Surfaces
Temperature Range: +40°F to +1200°F

Features:

- All pipe sizes
- Easy Installation
- Galvanized sheet metal jacket
- Positive stop - axial, lateral, vertical
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

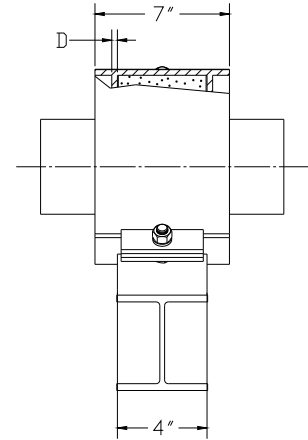
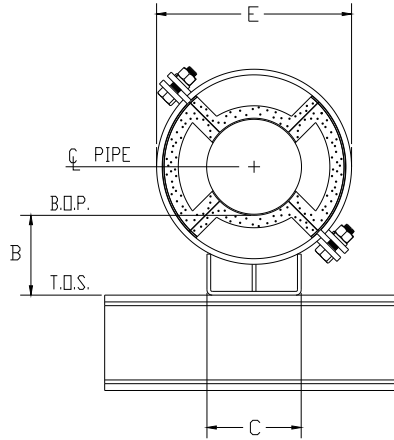
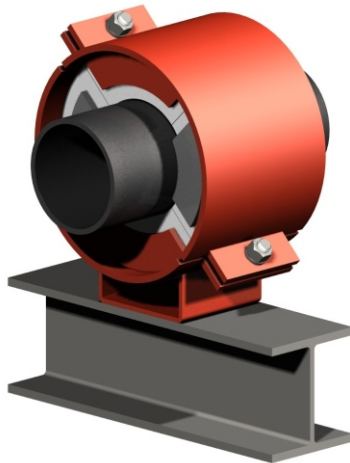
Performance Test Results on File:
 Available upon request.

Material Data:

- C4100 - C4130: specification document: No. 209.
- Steel Inner Thrust Plates (supplied loose):

| Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| C4100 | A36 | Carbon-Steel |
| C4110 | A387GR.11 | Chrome-Moly |
| C4120 | A515GR.70 | Carbon Silicon |
| C4130 | A304L | Stainless Steel |
- **Structural Inserts:** High-density calcium silicate. Asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Steel Straps & Base:** Carbon Steel ASTM A-36
- **Glue:** Industrial contact adhesive.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.
- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations.

Dimensions and ratings are subject to change without notice.

Note: For higher load ratings, see: C4300

If thrust plate thickness "D" is greater than pipe wall thickness, consult factory

| Pipe Size | Load Rating | | Insul. Thk. = 2" | | | | Insul. Thk. = 2-1/2" | | | | Insul. Thk. = 3" | | | | Insul. Thk. = 4" | | | |
|-----------|-------------|-----------|------------------|------|--------|--------|----------------------|------|--------|--------|------------------|------|--------|--------|------------------|------|--------|--------|
| | Vert. Lbs | Axial Lbs | B | C | D | E | B | C | D | E | B | C | D | E | B | C | D | E |
| 1 | 600 | 900 | 4 | 3 | 0.3125 | 6.687 | 4 | 4 | 0.3125 | 7.75 | 6 | 4.5 | 0.3125 | 8.75 | 6 | 6.5 | 0.3125 | 10.75 |
| 1 1/2 | 870 | 1290 | 4 | 4 | 0.3125 | 7.75 | 4 | 4.5 | 0.3125 | 8.75 | 6 | 5.5 | 0.375 | 9.75 | 6 | 7.5 | 0.375 | 11.875 |
| 2 | 1090 | 1620 | 4 | 4 | 0.3125 | 7.75 | 4 | 4.5 | 0.3125 | 8.75 | 6 | 5.5 | 0.375 | 9.75 | 6 | 7.5 | 0.375 | 11.875 |
| 2 1/2 | 1310 | 1960 | 4 | 4.5 | 0.3125 | 8.75 | 4 | 5.5 | 0.375 | 9.75 | 6 | 6.5 | 0.375 | 10.75 | 6 | 8 | 0.375 | 12.875 |
| 3 | 1600 | 3450 | 4 | 4.5 | 0.375 | 8.75 | 4 | 5.5 | 0.5 | 9.75 | 6 | 6.5 | 0.5 | 10.75 | 6 | 8 | 0.5 | 12.875 |
| 4 | 2500 | 4100 | 4 | 5.5 | 0.375 | 9.75 | 4 | 6.5 | 0.5 | 10.75 | 6 | 7.5 | 0.5 | 11.875 | 6 | 9 | 0.5 | 13.875 |
| 5 | 3100 | 4750 | 4 | 6.5 | 0.375 | 10.75 | 4 | 7.5 | 0.5 | 11.875 | 6 | 8 | 0.5 | 12.875 | 6 | 9.5 | 0.5 | 15.125 |
| 6 | 3800 | 5400 | 4 | 7.5 | 0.375 | 11.875 | 4 | 8 | 0.5 | 12.875 | 6 | 9 | 0.5 | 13.875 | 6 | 10.5 | 0.5 | 16.125 |
| 8 | 5100 | 6675 | 4 | 9 | 0.375 | 13.875 | 6 | 9.5 | 0.5 | 15.125 | 6 | 10.5 | 0.5 | 16.125 | 6 | 12 | 0.5 | 18.125 |
| 10 | 6000 | 8000 | 4 | 10.5 | 0.375 | 16.375 | 6 | 11 | 0.5 | 17.375 | 6 | 12 | 0.5 | 18.375 | 6 | 13 | 0.5 | 20.375 |
| 12 | 6600 | 9300 | 4 | 12 | 0.375 | 18.375 | 6 | 12.5 | 0.5 | 19.375 | 6 | 13 | 0.5 | 20.375 | 6 | 14.5 | 0.5 | 22.375 |
| 14 | 7500 | 10000 | 4 | 12.5 | 0.375 | 19.375 | 6 | 13 | 0.5 | 20.375 | 6 | 14 | 0.5 | 21.375 | 6 | 15.5 | 0.5 | 23.375 |
| 16 | 8700 | 11300 | 6 | 14 | 0.375 | 21.375 | 6 | 14.5 | 0.5 | 22.375 | 6 | 15.5 | 0.5 | 23.375 | 8 | 16.5 | 0.5 | 25.375 |
| 18 | 9600 | 12500 | 6 | 15.5 | 0.375 | 23.375 | 6 | 16 | 0.5 | 24.375 | 6 | 16.5 | 0.5 | 25.375 | 8 | 18 | 0.5 | 27.375 |
| 20 | 10200 | 13800 | 6 | 16.5 | 0.375 | 25.375 | 6 | 17.5 | 0.5 | 26.375 | 6 | 18 | 0.5 | 27.375 | 8 | 19.5 | 0.5 | 29.375 |
| 24 | 10800 | 16300 | 6 | 19.5 | 0.375 | 29.375 | 6 | 20.5 | 0.5 | 30.375 | 6 | 21 | 0.5 | 31.375 | 8 | 22.5 | 0.5 | 33.375 |
| 30 | 14100 | 20100 | 6 | 24 | 0.375 | 35.625 | 6 | 24.5 | 0.5 | 36.625 | 6 | 25 | 0.5 | 37.625 | 8 | 26.5 | 0.5 | 39.625 |
| 36 | 16500 | 23900 | 6 | 28 | 0.375 | 41.625 | 6 | 28.5 | 0.5 | 42.625 | 6 | 29.5 | 0.5 | 43.625 | 8 | 31 | 0.5 | 45.625 |
| 42 | 16500 | 23900 | 6 | 32.5 | 0.375 | 47.625 | 6 | 33 | 0.5 | 48.625 | 6 | 33.5 | 0.5 | 49.625 | 8 | 35 | 0.5 | 51.625 |

Application:

Model C4200 through C4230 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Dual Temperature · Chilled Water

· Where large axial forces must be resisted

Intended for installation on:

- Flat Surfaces

Temperature Range: +40°F to +1200°F

Features:

- All pipe sizes
- Easy Installation
- Galvanized sheet metal jacket
- Positive stop - axial, lateral, vertical
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance Test Results on File:

Available upon request.

Material Data:

- C4200 - C4230: specification document: No. 209.

· Steel Inner Thrust Plates (supplied loose):

Model ASTM For Pipe Material

C4200 A36 Carbon-Steel

C4210 A387GR.11 Chrome-Moly

C4220 A515GR.70 Carbon Silicon

C4230 A304L Stainless Steel

- **Structural Inserts:** High-density calcium silicate. Asbestos-free, treated with water repellent.

- **Jackets:** Galvanized Steel ASTM A-527.

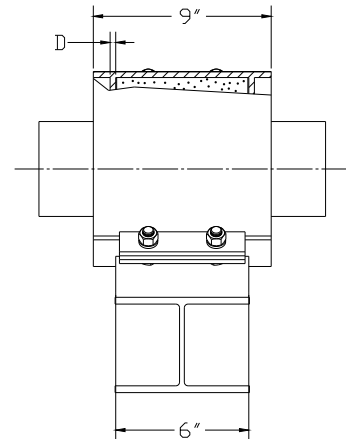
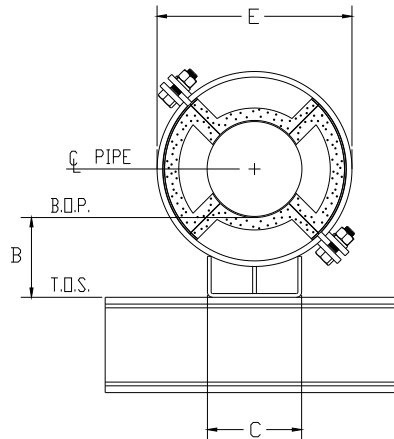
- **Steel Straps & Base:** Carbon Steel ASTM A-36

- **Glue:** Industrial contact adhesive.

- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.



Contact factory for other dimensional, temperature, load, or axial travel requirements.

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice.

Note: If thrust plate thickness "D" is greater than pipe wall thickness, consult factory

| Pipe Size | Load Rating | | Insul. Thk. = 2-1/2" | | | | Insul. Thk. = 3" | | | | Insul. Thk. = 4" | | | |
|-----------|-------------|-----------|----------------------|------|-------|--------|------------------|------|-------|--------|------------------|------|-------|--------|
| | Vert. Lbs | Axial Lbs | B | C | D | E | B | C | D | E | B | C | D | E |
| 1 | 910 | 1360 | 4 | 4 | 0.375 | 8 | 6 | 4.5 | 0.5 | 9 | 6 | 6.5 | 0.5 | 11 |
| 1 1/2 | 1310 | 1970 | 4 | 4.5 | 0.5 | 9 | 6 | 5.5 | 0.5 | 10 | 6 | 7.5 | 0.5 | 12.125 |
| 2 | 1640 | 2460 | 4 | 4.5 | 0.5 | 9 | 6 | 5.5 | 0.5 | 10 | 6 | 7.5 | 0.5 | 12.125 |
| 2 1/2 | 1980 | 2980 | 4 | 5.5 | 0.5 | 10 | 6 | 6.5 | 0.5 | 11 | 6 | 8 | 0.625 | 13.125 |
| 3 | 2420 | 3620 | 4 | 5.5 | 0.5 | 10 | 6 | 6.5 | 0.5 | 11 | 6 | 8 | 0.625 | 13.125 |
| 4 | 3110 | 4660 | 4 | 6.5 | 0.5 | 11 | 6 | 7.5 | 0.5 | 12.125 | 6 | 9 | 0.625 | 14.125 |
| 5 | 3840 | 5760 | 4 | 7.5 | 0.5 | 12.125 | 6 | 8 | 0.5 | 13.125 | 6 | 9.5 | 0.625 | 15.375 |
| 6 | 4570 | 6860 | 4 | 8 | 0.5 | 13.125 | 6 | 9 | 0.625 | 14.125 | 6 | 10.5 | 0.625 | 16.375 |
| 8 | 5950 | 8930 | 6 | 9.5 | 0.5 | 15.375 | 6 | 10.5 | 0.625 | 16.375 | 6 | 12 | 0.625 | 18.375 |
| 10 | 7420 | 11130 | 6 | 11 | 0.5 | 17.375 | 6 | 12 | 0.625 | 18.375 | 6 | 13 | 0.625 | 20.375 |
| 12 | 8800 | 13200 | 6 | 12.5 | 0.5 | 19.625 | 6 | 13 | 0.625 | 20.625 | 6 | 14.5 | 0.625 | 22.625 |
| 14 | 10000 | 15000 | 6 | 13 | 0.5 | 20.625 | 6 | 14 | 0.625 | 21.625 | 6 | 15.5 | 0.625 | 23.625 |
| 16 | 11600 | 17400 | 6 | 14.5 | 0.5 | 22.625 | 6 | 15.5 | 0.625 | 23.625 | 8 | 16.5 | 0.625 | 25.625 |
| 18 | 12800 | 19200 | 6 | 16 | 0.5 | 24.625 | 6 | 16.5 | 0.625 | 25.625 | 8 | 18 | 0.625 | 27.625 |
| 20 | 13600 | 20400 | 6 | 17.5 | 0.5 | 26.625 | 6 | 18 | 0.625 | 27.625 | 8 | 19.5 | 0.625 | 29.625 |
| 24 | 14400 | 21600 | 6 | 20.5 | 0.5 | 30.625 | 6 | 21 | 0.625 | 31.625 | 8 | 22.5 | 0.625 | 33.625 |
| 30 | 18800 | 28200 | 6 | 24.5 | 0.5 | 37.125 | 6 | 25 | 0.625 | 38.125 | 8 | 26.5 | 0.625 | 40.125 |
| 36 | 22000 | 33000 | 6 | 28.5 | 0.5 | 43.125 | 6 | 29.5 | 0.625 | 44.125 | 8 | 31 | 0.625 | 46.125 |
| 42 | 24800 | 37200 | 6 | 33 | 0.5 | 49.125 | 6 | 33.5 | 0.625 | 50.125 | 8 | 35 | 0.625 | 52.125 |

Application:

Model C4300 through C4330 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 · Where large axial forces must be resisted
 Intended for installation on:
 · Flat Surfaces
Temperature Range: +40°F to +1200°F

Features:

- All pipe sizes
- Easy Installation
- Galvanized sheet metal jacket
- Positive stop - axial, lateral, vertical
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Bottom-of-pipe to top-of-shield matches insulated supports in "B" series

Performance Test Results on File:
 Available upon request.

Material Data:

- C4300 - C4330: specification document: No. 209.
- Steel Inner Thrust Plates (supplied loose):

| | | |
|--------------|-------------|--------------------------|
| <u>Model</u> | <u>ASTM</u> | <u>For Pipe Material</u> |
| C4300 | A36 | Carbon-Steel |
| C4310 | A387GR.11 | Chrome-Moly |
| C4320 | A515GR.70 | Carbon Silicon |
| C4330 | A304L | Stainless Steel |
- **Structural Inserts:** High-density calcium silicate. Asbestos-free, treated with water repellant.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Steel Straps & Base:** Carbon Steel ASTM A-36
- **Glue:** Industrial contact adhesive.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.
- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.

INTRODUCTION

SECTION "D"

PRE-INSULATED PIPE SUPPORTS – Hanger Type

APPLICATION – Heavy Industrial and Large HVAC Distribution Systems

These supports were designed to take advantage of maximum hanger spacings and/or to accommodate thermal loads or loads due to the presence of valves or other pipe systems components.

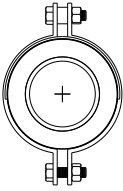
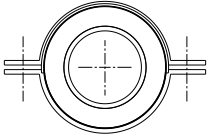
| | |
|----------------------|--|
| Models D1000 – D2000 | Two-bolt hanger insulated supports for up to 4" pipe size. |
| Models D3000 – D3300 | Two-bolt hanger insulated supports for 1" through 42" pipe size. |
| Models D4000 – D5000 | Double-rod hung insulated supports for up to 4" pipe size. Designed to accommodate minimum overhead clearance conditions. |
| Models D6000 – D6300 | Double-rod insulated supports for 5" through 30" pipe size. Designed to accommodate minimum overhead clearance conditions. |

By modifying our standard pipe support concept with combinations of structural insert materials and strap design, we can readily and economically respond to virtually any pipe support requirement.

If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at **731-713-0030 or 1-800-787-5914.**

Please acquaint yourself with the selection guide at the front of this catalog and the section index on the page following this introduction, for assistance in determining the most appropriate support for your application.

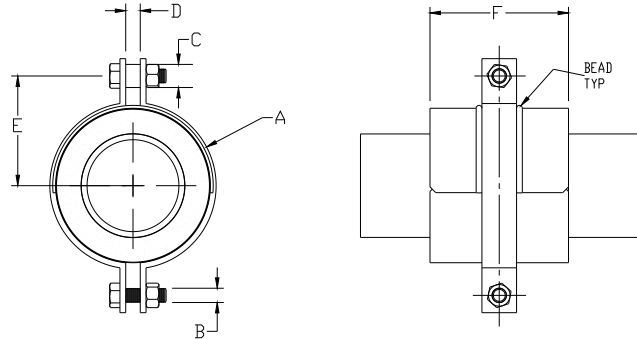
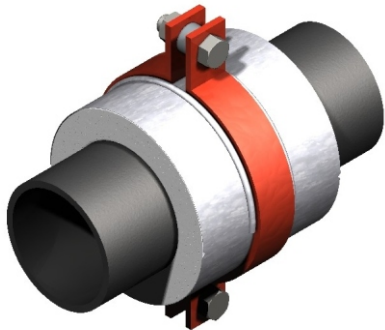
**PRE-INSULATED PIPE SUPPORTS
HANGER TYPE**

| MODEL | PIPE SIZE RANGE | PRIMARY APPLICATION | | SPECIAL FEATURES | DUTY |
|---|-----------------------|------------------------|------|---------------------------|-------------|
| | | HOT | COLD | | |
|  | | | | | |
| D1000 | 1/2 - 4 | X | | 2 - BOLT | HEAVY |
| D2000 | 1/2 - 4 | | X | 2 - BOLT | HEAVY |
| D3000 | 1 - 42 | X | X | 2 - BOLT | HEAVY |
| D3100 | 1 - 42 | X | X | 2 - BOLT | EXTRA-HEAVY |
| D3200 | 1 - 42 | X | X | 2 - BOLT | HEAVIER |
| D3300 | 1 - 42 | X | X | 2 - BOLT | HEAVIEST |
|  | | | | | |
| | | | | MIN OVERHEAD CLEARANCE | |
| D4000 | 1/2 - 4 | X | | | HEAVY |
| D5000 | 1/2 - 4 | | X | " | HEAVY |
| D6000 | 5 - 30 | X | X | " | HEAVY |
| D6100 | 5 - 30 | X | X | " | EXTRA-HEAVY |
| D6200 | 16 - 30 | X | X | " | HEAVIER |
| D6300 | 20 - 30 | X | X | " | HEAVIEST |

TO ORDER, specify:

- | | |
|-------------------------|--------|
| 1. Quantity | 20 |
| 2. Pipe Size & Type | 2" IPS |
| 3. Insulation Thickness | 3" |
| 4. Model Number | D1000 |

EXAMPLE: (20) 2 x 3 D1000



| Oper Temp °F | Mult Factor "F" |
|--------------|-----------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To obtain load ratings for operating temperatures of 500°F and higher, multiply maximum load rating by factor "F" in Table II.

| Iron Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|----------------|---------------|------------|------|------|------|---------------|----|---------------|------|---------------|------|---------------|---|---------------|---|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1/2 | 65 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.38 | 4 | 3.44 | 4 |
| 3/4 | 75 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.38 | 4 | 3.44 | 4 | 4.75 | 6 | 5.75 | 6 | 6.81 | 6 |
| 1 | 90 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.69 | 4 | 3.72 | 4 | 4.75 | 6 | 5.75 | 6 | 6.81 | 6 |
| 1 1/2 | 150 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.94 | 4 | 4.25 | 4 | 5.25 | 6 | 6.31 | 6 | 7.31 | 6 |
| 2 | 245 | 1/4x 1 1/2 | 0.50 | 0.81 | 0.63 | 3.56 | 6 | 4.63 | 6 | 5.63 | 6 | 6.69 | 6 | 7.69 | 6 |
| 2 1/2 | 290 | 1/4x 1 1/2 | 0.50 | 0.81 | 0.63 | 3.81 | 6 | 5.13 | 6 | 6.13 | 9 | 7.19 | 9 | 8.31 | 9 |
| 3 | 365 | 1/4x 1 1/2 | 0.63 | 1.06 | 0.63 | 4.22 | 6 | 5.25 | 6 | 6.25 | 9 | 7.31 | 9 | 8.44 | 9 |
| 4 | 475 | 1/4x 1 1/2 | 0.63 | 1.06 | 0.63 | 4.75 | 6 | 5.75 | 6 | 6.81 | 9 | 7.81 | 9 | 8.94 | 9 |

TABLE I

Application:

Model D1000 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended to be hung from threaded rod

Temperature Range:
+40°F to +1200°F

Features:

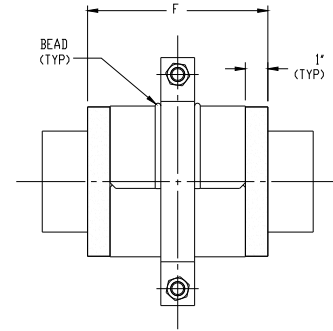
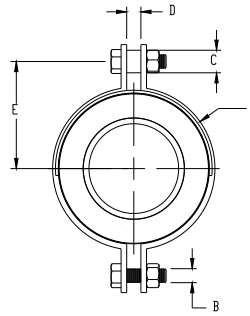
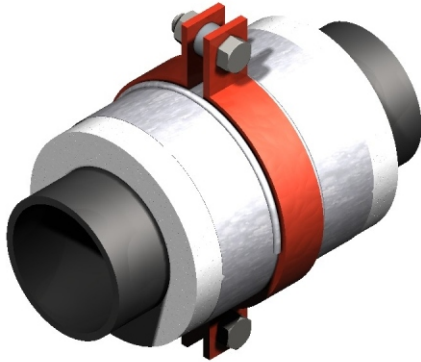
- Compact
- Easy installation
- Eliminates welding to pipe
- Copper tubing sizes and pipe sizes
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Other I.D.'s and/or O.D.'s available on request

Performance Test Results on File:
Available upon request.

Material Data:

- **D1000:** Applicable PSI specification document: No. 209.
- **Insulation:** Calcium Silicate – Asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Steel Straps:** Carbon Steel ASTM A-36
- **Glue:** Industrial contact adhesive.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.
- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.



| Oper Temp °F | Mult Factor "F" |
|--------------|-----------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

To obtain load ratings for operating temperatures of 500°F and higher, multiply maximum load rating by factor "F" in Table II.

| Iron Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|----------------|---------------|------------|------|------|------|---------------|----|---------------|------|---------------|------|---------------|---|---------------|---|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1/2 | 65 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.38 | 6 | 3.44 | 6 |
| 3/4 | 75 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.38 | 6 | 3.44 | 6 | 4.75 | 6 | 5.75 | 6 | 6.81 | 6 |
| 1 | 90 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.69 | 6 | 3.72 | 6 | 4.75 | 6 | 5.75 | 6 | 6.81 | 6 |
| 1 1/2 | 150 | 1/8x 1 1/2 | 0.38 | 0.69 | 0.56 | 2.94 | 6 | 4.25 | 6 | 5.25 | 6 | 6.31 | 6 | 7.31 | 6 |
| 2 | 245 | 1/4x 1 1/2 | 0.50 | 0.81 | 0.63 | 3.56 | 6 | 4.63 | 6 | 5.63 | 6 | 6.69 | 6 | 7.69 | 6 |
| 2 1/2 | 290 | 1/4x 1 1/2 | 0.50 | 0.81 | 0.63 | 3.81 | 6 | 5.13 | 6 | 6.13 | 9 | 7.19 | 9 | 8.31 | 9 |
| 3 | 365 | 1/4x 1 1/2 | 0.63 | 1.06 | 0.63 | 4.22 | 6 | 5.25 | 6 | 6.25 | 9 | 7.31 | 9 | 8.44 | 9 |
| 4 | 475 | 1/4x 1 1/2 | 0.63 | 1.06 | 0.63 | 4.75 | 6 | 5.75 | 6 | 6.81 | 9 | 7.81 | 9 | 8.94 | 9 |

TABLE I

Application:
 Model D2000 is designed for use on:
 · Cold Water
 · Chilled Water
 Intended to be hung from threaded rod
Temperature Range:
 +40°F to +1200°F

Features:

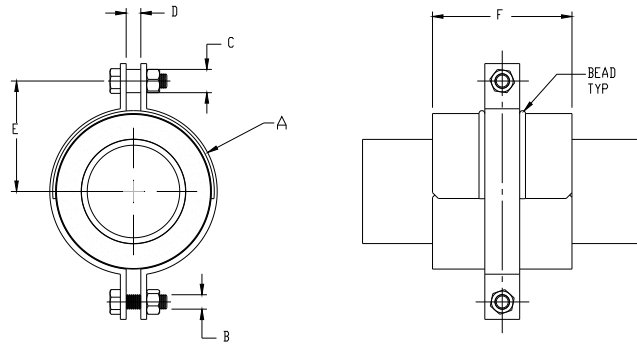
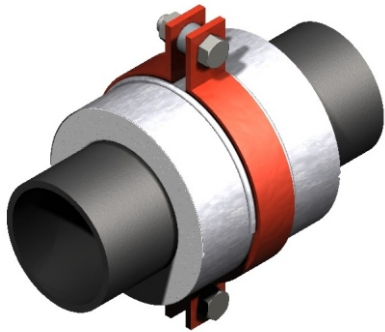
- Compact
- Easy installation
- Eliminates welding to pipe
- Copper tubing sizes and pipe sizes
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Other I.D.'s and/or O.D.'s available on request
- Calcium silicate insulation extend 1" beyond the galvanized sheet metal jacket providing for an easier wet lag butt joint with the pipe insulation.

Performance Test Results on File:
 Available upon request.

Material Data:

- **D2000:** Applicable PSI specification document: No. 209.
- **Insulation:** Calcium Silicate – Asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Steel Straps:** Carbon Steel ASTM A-36
- **Glue:** Industrial contact adhesive.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.
- **Fasteners:** ASTM A-307 plated.

Formal Submittal Sheets available.



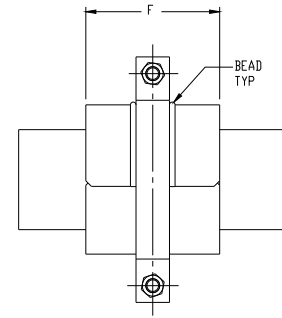
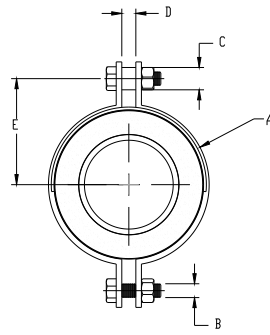
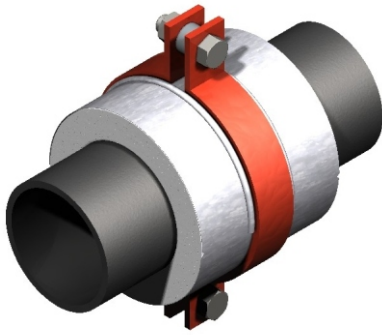
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D3100

| Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|-----------|---------------|--------|-------|-------|------|---------------|-----|---------------|-------|---------------|------|---------------|---|---------------|---|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1 | 285 | 3/16x2 | 0.375 | 0.675 | 0.75 | 2.81 | 6 | 3.84 | 6 |
| 1 1/2 | 320 | 3/16x2 | 0.375 | 0.675 | 0.75 | 3.06 | 6 | 4.38 | 6 | 5.38 | 6 | 6.44 | 6 | 7.44 | 6 |
| 2 | 320 | 3/16x2 | 0.375 | 0.675 | 0.75 | 3.31 | 6 | 4.38 | 6 | 5.38 | 6 | 6.44 | 6 | 7.44 | 6 |
| 2 1/2 | 540 | 1/4x2 | 0.375 | 0.675 | 0.75 | 3.69 | 6 | 5 | 6 | 6 | 6 | 7.06 | 6 | 8.19 | 6 |
| 3 | 540 | 1/4x2 | 0.375 | 0.675 | 0.75 | 3.97 | 6 | 5 | 6 | 6 | 6 | 7.06 | 6 | 8.19 | 6 |
| 4 | 770 | 1/4x3 | 0.5 | 0.84 | 0.75 | 4.63 | 6 | 5.63 | 6 | 6.69 | 6 | 7.69 | 6 | 8.81 | 6 |
| 5 | 1125 | 3/8x3 | 0.5 | 0.84 | 0.75 | 5.38 | 6 | 6.38 | 6 | 7.44 | 6 | 8.56 | 6 | 9.56 | 6 |
| 6 | 1430 | 3/8x3 | 0.625 | 1.05 | 0.75 | 6 | 6 | 7.06 | 6 | 8.06 | 6 | 9.18 | 6 | 10.19 | 6 |
| 8 | 1805 | 1/2x3 | 0.625 | 1.05 | 0.75 | 7.31 | 6 | 8.31 | 6 | 9.44 | 6 | 10.44 | 6 | 11.44 | 6 |
| 10 | 2310 | 1/2x3 | 0.75 | 1.05 | 0.75 | 8.44 | 6 | 9.56 | 6 | 10.56 | 6 | 11.56 | 6 | 12.56 | 6 |
| 12 | 2705 | 5/8x3 | 0.75 | 1.05 | 0.75 | 9.69 | 6 | 10.69 | 6 | 11.69 | 6 | 12.69 | 6 | 13.69 | 6 |
| 14 | 2705 | 5/8x3 | 0.75 | 1.05 | 0.75 | 10.19 | 6 | 11.19 | 6 | 12.18 | 6 | 13.19 | 6 | 14.19 | 6 |
| 16 | 3035 | 5/8x3 | 0.875 | 1.315 | 1 | 11.31 | 6 | 12.31 | 6 | 13.31 | 6 | 14.31 | 6 | 15.31 | 6 |
| 18 | 3750 | 3/4x3 | 0.875 | 1.315 | 1 | 12.56 | 6 | 13.56 | 6 | 14.56 | 6 | 15.56 | 6 | 16.56 | 6 |
| 20 | 3855 | 3/4x3 | 1 | 1.315 | 1 | 13.69 | 6 | 14.69 | 6 | 15.69 | 6 | 16.69 | 6 | 17.69 | 6 |
| 24 | 4935 | 1x3 | 1 | 1.315 | 1 | 16.19 | 6 | 17.19 | 6 | 18.19 | 6 | 19.18 | 6 | 20.19 | 6 |
| 30 | 5295 | 1x3 | 1.25 | 1.66 | 1.25 | 19.44 | 6 | 20.44 | 6 | 21.44 | 6 | 22.44 | 6 | 23.44 | 6 |
| 36 | 7855 | 1x6 | 1.25 | 1.66 | 1.25 | 22.44 | 9 | 23.44 | 9 | 24.44 | 9 | 25.44 | 9 | 26.44 | 9 |
| 42 | 7970 | 1x6 | 1.25 | 1.66 | 1.25 | 25.44 | 9 | 26.44 | 9 | 27.44 | 9 | 28.44 | 9 | 29.44 | 9 |

TABLE I

| | | |
|--|--|--|
| <p>Application:</p> <p>Model D3000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from threaded rod</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D3000: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|--|--|--|



The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D3200

| Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|-----------|---------------|---------|-------|-------|------|---------------|-----|---------------|-------|---------------|------|---------------|---|---------------|---|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1 | 510 | 3/16x3 | 0.375 | 0.675 | 0.75 | 2.81 | 6 | 3.84 | 6 |
| 1 1/2 | 605 | 1/4x3 | 0.375 | 0.675 | 0.75 | 3.19 | 6 | 4.5 | 6 | 5.5 | 6 | 6.56 | 6 | 7.56 | 6 |
| 2 | 605 | 1/4x3 | 0.375 | 0.675 | 0.75 | 3.44 | 6 | 4.5 | 6 | 5.5 | 6 | 6.56 | 6 | 7.56 | 6 |
| 2 1/2 | 810 | 1/4x3 | 0.5 | 0.84 | 0.75 | 3.81 | 6 | 5.13 | 6 | 6.13 | 6 | 7.19 | 6 | 8.31 | 6 |
| 3 | 1125 | 3/8x3 | 0.5 | 0.84 | 0.75 | 4.34 | 6 | 5.38 | 6 | 6.38 | 6 | 7.44 | 6 | 8.56 | 6 |
| 4 | 1720 | 3/8x3 | 0.625 | 1.05 | 0.75 | 5 | 6 | 6 | 6 | 7.06 | 6 | 8.06 | 6 | 9.19 | 6 |
| 5 | 2340 | 1/2x3 | 0.75 | 1.05 | 0.75 | 5.88 | 6 | 6.88 | 6 | 7.94 | 6 | 9.06 | 6 | 10.06 | 6 |
| 6 | 2705 | 1/2x3 | 0.75 | 1.05 | 0.75 | 6.38 | 6 | 7.44 | 6 | 8.44 | 6 | 9.56 | 6 | 10.56 | 6 |
| 8 | 3605 | 5/8x3 | 0.875 | 1.315 | 1 | 7.69 | 6 | 8.69 | 6 | 9.81 | 6 | 10.81 | 6 | 11.81 | 6 |
| 10 | 3630 | 5/8x3 | 0.875 | 1.315 | 1 | 8.69 | 6 | 9.81 | 6 | 10.81 | 6 | 11.81 | 6 | 12.81 | 6 |
| 12 | 4660 | 3/4x3 | 1 | 1.315 | 1 | 10.19 | 6 | 11.19 | 6 | 12.19 | 6 | 13.19 | 6 | 14.19 | 6 |
| 14 | 4660 | 3/4x3 | 1 | 1.315 | 1 | 10.69 | 6 | 11.69 | 6 | 12.69 | 6 | 13.69 | 6 | 14.69 | 6 |
| 16 | 6820 | 3/4x5 | 1.25 | 1.66 | 1.25 | 11.94 | 9 | 12.94 | 9 | 13.94 | 9 | 14.94 | 9 | 15.94 | 9 |
| 18 | 6820 | 3/4x5 | 1.25 | 1.66 | 1.25 | 12.94 | 9 | 13.94 | 9 | 14.94 | 9 | 15.94 | 9 | 16.94 | 9 |
| 20 | 7970 | 1x6 | 1.25 | 1.66 | 1.25 | 14.44 | 9 | 15.44 | 9 | 16.44 | 9 | 17.44 | 9 | 18.44 | 9 |
| 24 | 10285 | 1x6 | 1.5 | 1.9 | 1.25 | 16.69 | 9 | 17.69 | 9 | 18.69 | 9 | 19.69 | 9 | 20.69 | 9 |
| 30 | 10600 | 1x6 | 1.5 | 1.9 | 1.25 | 19.69 | 9 | 20.69 | 9 | 21.69 | 9 | 22.69 | 9 | 23.69 | 9 |
| 36 | 13020 | 1 1/4x6 | 2 | 2.375 | 1.75 | 23.69 | 9 | 24.69 | 9 | 25.69 | 9 | 26.69 | 9 | 27.69 | 9 |
| 42 | 13020 | 1 1/4x6 | 2 | 2.375 | 1.75 | 26.69 | 9 | 27.69 | 9 | 28.69 | 9 | 29.69 | 9 | 30.69 | 9 |

TABLE I

Application:

- Model D3100 is designed for use on:
- Hot Water
 - Cold Water
 - Dual Temperature
 - Vacuum
 - Steam
 - Chilled Water
 - Gas
 - Air

Intended to be hung from threaded rod

Temperature Range:

+40°F to +1200°F

Features:

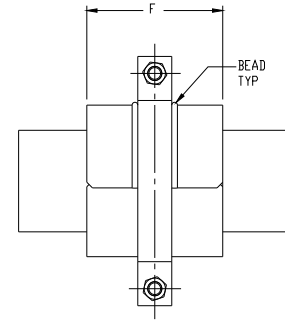
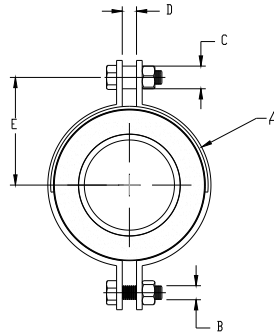
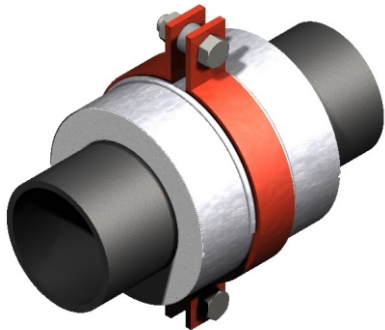
- Compact
- Easy installation
- Eliminates welding to pipe
- Copper tubing sizes and pipe sizes
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Other I.D.'s and/or O.D.'s available on request

Performance Test Results on File:
Available upon request.

Material Data:

- **D3100:** Applicable PSI specification document: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



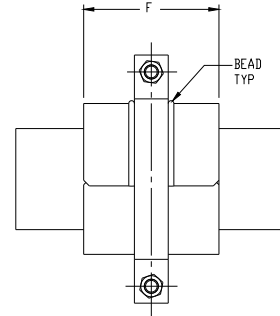
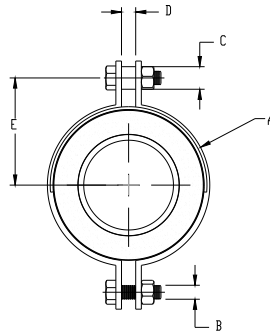
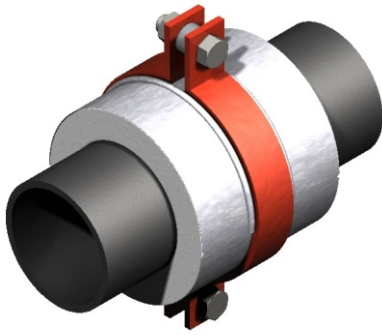
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D3300

| Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|-----------|---------------|-----------|-------|-------|------|---------------|-----|---------------|-------|---------------|------|---------------|----|---------------|----|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1 | 850 | 1/4x4 1/2 | 0.625 | 1.05 | 0.75 | 3.19 | 9 | 4.22 | 9 |
| 1 1/2 | 1215 | 1/4x4 1/2 | 0.625 | 1.05 | 0.75 | 3.44 | 9 | 4.75 | 9 | 5.75 | 9 | 6.81 | 9 | 7.81 | 9 |
| 2 | 1215 | 1/4x4 1/2 | 0.625 | 1.05 | 0.75 | 3.69 | 9 | 4.75 | 9 | 5.75 | 9 | 6.81 | 9 | 7.81 | 9 |
| 2 1/2 | 1215 | 1/4x4 1/2 | 0.625 | 1.05 | 0.75 | 3.94 | 9 | 5.25 | 9 | 6.25 | 9 | 7.31 | 9 | 8.44 | 9 |
| 3 | 1805 | 3/8x4 1/2 | 0.625 | 1.05 | 0.75 | 4.47 | 9 | 5.5 | 9 | 6.5 | 9 | 7.56 | 9 | 8.69 | 9 |
| 4 | 2585 | 3/8x4 1/2 | 0.75 | 1.05 | 0.75 | 5.13 | 9 | 6.13 | 9 | 7.19 | 9 | 8.19 | 9 | 9.31 | 9 |
| 5 | 2705 | 1/2x4 1/2 | 0.75 | 1.05 | 0.75 | 5.88 | 9 | 6.88 | 9 | 7.94 | 9 | 9.06 | 9 | 10.06 | 9 |
| 6 | 3750 | 1/2x4 1/2 | 0.875 | 1.315 | 1 | 6.5 | 9 | 7.56 | 9 | 8.56 | 9 | 9.69 | 9 | 10.69 | 9 |
| 8 | 4215 | 1/2x5 | 1 | 1.315 | 1 | 7.81 | 9 | 8.81 | 9 | 9.94 | 9 | 10.94 | 9 | 11.94 | 9 |
| 10 | 6045 | 5/8x5 | 1.25 | 1.66 | 1.25 | 9.06 | 9 | 10.19 | 9 | 11.19 | 9 | 12.19 | 9 | 13.19 | 9 |
| 12 | 7770 | 3/4x5 | 1.25 | 1.66 | 1.25 | 10.44 | 9 | 11.44 | 9 | 12.44 | 9 | 13.44 | 9 | 14.44 | 9 |
| 14 | 7770 | 3/4x5 | 1.25 | 1.66 | 1.25 | 10.94 | 9 | 11.94 | 9 | 12.94 | 9 | 13.94 | 9 | 14.94 | 9 |
| 16 | 7970 | 1x5 | 1.25 | 1.66 | 1.25 | 12.44 | 9 | 13.44 | 9 | 14.44 | 9 | 15.44 | 9 | 16.44 | 9 |
| 18 | 11270 | 1x5 | 1.5 | 1.9 | 1.25 | 13.69 | 9 | 14.69 | 9 | 15.69 | 9 | 16.69 | 9 | 17.69 | 9 |
| 20 | 11465 | 1x6 | 1.5 | 1.9 | 1.25 | 14.69 | 9 | 15.69 | 9 | 16.69 | 9 | 17.69 | 9 | 18.69 | 9 |
| 24 | 12220 | 1x6 | 2 | 2.375 | 1.75 | 17.06 | 9 | 18.06 | 9 | 19.06 | 9 | 20.06 | 9 | 21.06 | 9 |
| 30 | 16480 | 1 1/4x6 | 2 | 2.375 | 1.75 | 20.69 | 9 | 21.69 | 9 | 22.69 | 9 | 23.69 | 9 | 24.69 | 9 |
| 36 | 17370 | 1 1/4x8 | 2 | 2.375 | 1.75 | 23.69 | 12 | 24.69 | 12 | 25.69 | 12 | 26.69 | 12 | 27.69 | 12 |
| 42 | 17370 | 1 1/4x8 | 2 | 2.375 | 1.75 | 26.69 | 12 | 27.69 | 12 | 28.69 | 12 | 29.69 | 12 | 30.69 | 12 |

TABLE I

| | | |
|--|--|--|
| <p>Application:</p> <p>Model D3300 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from threaded rod</p> <p>Temperature Range:</p> <p style="text-align: center;">+40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D3200: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|--|--|--|



The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

| Pipe Size | (a) load lbs. | A | B | C | D | Insul. Thk 1" | | Insul. Thk 2" | | Insul. Thk 3" | | Insul. Thk 4" | | Insul. Thk 5" | |
|-----------|---------------|---------|-------|-------|------|---------------|------|---------------|-------|---------------|------|---------------|----|---------------|----|
| | | | | | | E | F | E | F | E | F | E | F | E | F |
| | | | | | | 1 | 1135 | 1/4x6 | 0.625 | 1.05 | 0.75 | 3.188 | 9 | 4.22 | 9 |
| 1.5 | 1630 | 1/4x6 | 0.625 | 1.05 | 0.75 | 3.44 | 9 | 4.75 | 9 | 5.75 | 9 | 6.81 | 9 | 7.81 | 9 |
| 2 | 1715 | 1/4x6 | 0.625 | 1.05 | 0.75 | 3.69 | 9 | 4.75 | 9 | 5.75 | 9 | 6.81 | 9 | 7.81 | 9 |
| 2.5 | 1805 | 3/8x6 | 0.625 | 1.05 | 0.75 | 4.19 | 9 | 5.5 | 9 | 6.5 | 9 | 7.56 | 9 | 8.69 | 9 |
| 3 | 2705 | 3/8x6 | 0.75 | 1.05 | 0.75 | 4.59 | 9 | 5.63 | 9 | 6.63 | 9 | 7.69 | 9 | 8.81 | 9 |
| 4 | 3445 | 3/8x6 | 0.875 | 1.315 | 1 | 5.25 | 9 | 6.25 | 9 | 7.31 | 9 | 8.31 | 9 | 9.44 | 9 |
| 5 | 3750 | 1/2x6 | 0.875 | 1.315 | 1 | 6 | 9 | 7 | 9 | 8.06 | 9 | 9.19 | 9 | 10.19 | 9 |
| 6 | 4935 | 1/2x6 | 1 | 1.315 | 1 | 6.75 | 9 | 7.81 | 9 | 8.81 | 9 | 9.94 | 9 | 10.94 | 9 |
| 8 | 7215 | 5/8x6 | 1.25 | 1.66 | 1.25 | 8.06 | 9 | 9.06 | 9 | 10.19 | 9 | 11.19 | 9 | 12.19 | 9 |
| 10 | 7257 | 5/8x6 | 1.25 | 1.66 | 1.25 | 9.06 | 9 | 10.19 | 9 | 11.19 | 9 | 12.19 | 9 | 13.19 | 9 |
| 12 | 9320 | 3/4x6 | 1.5 | 1.9 | 1.25 | 10.69 | 9 | 11.69 | 9 | 12.69 | 9 | 13.69 | 9 | 14.69 | 9 |
| 14 | 9320 | 3/4x6 | 1.5 | 1.9 | 1.25 | 11.19 | 9 | 12.19 | 9 | 13.19 | 9 | 14.19 | 9 | 15.19 | 9 |
| 16 | 11465 | 1x6 | 1.5 | 1.9 | 1.25 | 12.69 | 9 | 13.69 | 9 | 14.69 | 9 | 15.69 | 9 | 16.69 | 9 |
| 18 | 14445 | 1x6 | 2 | 2.375 | 1.75 | 14.06 | 9 | 15.06 | 9 | 16.06 | 9 | 17.06 | 9 | 18.06 | 9 |
| 20 | 16580 | 1 1/4x6 | 2 | 2.375 | 1.75 | 15.69 | 9 | 16.69 | 9 | 17.69 | 9 | 18.69 | 9 | 19.69 | 9 |
| 24 | 19005 | 1 1/4x6 | 2 | 2.375 | 1.75 | 17.69 | 9 | 18.69 | 9 | 19.69 | 9 | 20.69 | 9 | 21.69 | 9 |
| 30 | 20605 | 1 1/4x8 | 2 | 2.375 | 1.75 | 20.69 | 12 | 21.69 | 12 | 22.69 | 12 | 23.69 | 12 | 24.69 | 12 |
| 36 | 24905 | 1 1/2x8 | 2.5 | 3.508 | 1.75 | 24.44 | 12 | 25.44 | 12 | 26.44 | 12 | 27.44 | 12 | 28.44 | 12 |
| 42 | 24905 | 1 1/2x8 | 2.5 | 3.508 | 1.75 | 27.44 | 12 | 28.44 | 12 | 29.44 | 12 | 30.44 | 12 | 31.44 | 12 |

TABLE I

Application:

Model D3300 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water

Intended to be hung from threaded rod

Temperature Range:

+40°F to +1200°F

Features:

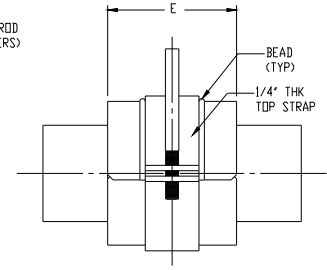
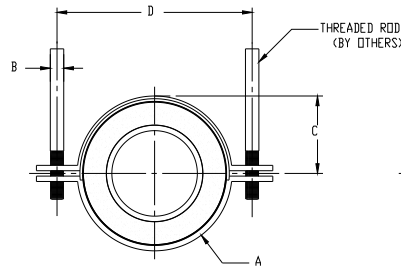
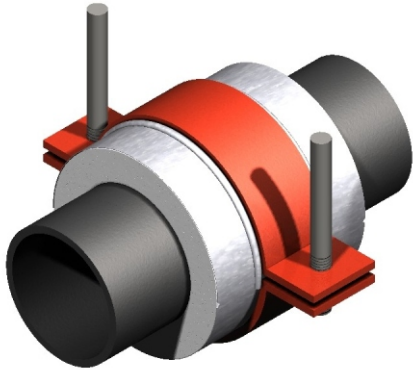
- Compact
- Easy installation
- Eliminates welding to pipe
- Copper tubing sizes and pipe sizes
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Other I.D.'s and/or O.D.'s available on request

Performance Test Results on File:
 Available upon request.

Material Data:

- **D3300:** Applicable PSI specification document: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



| Oper Temp °F | Mult Factor "F" |
|--------------|-----------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

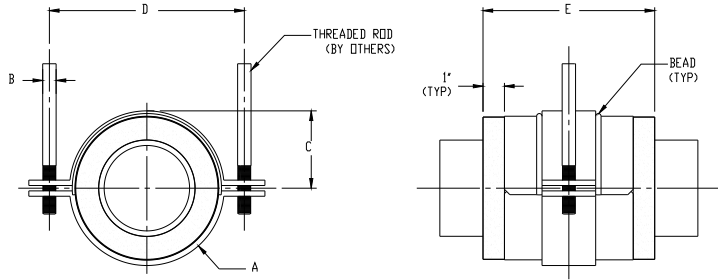
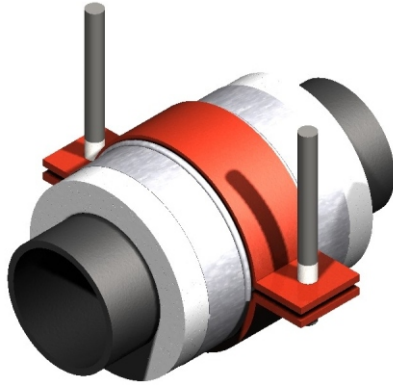
(a)

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

| Pipe Size | (a) load lbs. | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|---------------|-----------|-------|---------------|-------|-----------|---------------|-------|------|---------------|--------|-------|---------------|--------|-----|
| | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| | | | | 1/2 | 65 | 1/8x1 1/2 | 0.375 | 1.63 | 4.75 | 6 | 2.69 | 6.875 | 6 | 4.0 | 9.5 |
| 3/4 | 75 | 1/8x1 1/2 | 0.375 | 1.63 | 4.75 | 6 | 2.69 | 6.875 | 6 | 4.0 | 9.5 | 6 | 5.0 | 11.5 | 6 |
| 1 | 90 | 1/8x1 1/2 | 0.375 | 1.94 | 5.375 | 6 | 2.97 | 7.437 | 6 | 4.0 | 9.5 | 6 | 5.0 | 11.5 | 6 |
| 1 1/2 | 130 | 1/8x1 1/2 | 0.375 | 2.19 | 5.875 | 6 | 3.50 | 8.5 | 6 | 4.5 | 10.5 | 6 | 5.56 | 12.625 | 6 |
| 2 | 245 | 1/4x1 1/2 | 0.375 | 2.44 | 6.875 | 6 | 3.50 | 9 | 6 | 4.5 | 11 | 6 | 5.56 | 13.125 | 6 |
| 2 1/2 | 290 | 1/4x1 1/2 | 0.375 | 2.69 | 7.375 | 6 | 4.0 | 10 | 6 | 5.0 | 12 | 9 | 6.06 | 14.125 | 9 |
| 3 | 365 | 1/4x1 1/2 | 0.375 | 2.97 | 7.937 | 6 | 4.0 | 10 | 6 | 5.0 | 12 | 9 | 6.06 | 14.125 | 9 |
| 4 | 475 | 1/4x1 1/2 | 0.375 | 3.5 | 9 | 6 | 4.5 | 11 | 6 | 5.56 | 13.125 | 9 | 6.56 | 15.125 | 9 |

TABLE I

| | | |
|---|--|--|
| <p>Application:</p> <p>Model D4000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from two threaded rods in close overhead clearance conditions.</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D4000: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|--|



| Oper Temp °F | Mult Factor "F" |
|--------------|-----------------|
| 500 | 0.90 |
| 750 | 0.75 |
| 1000 | 0.50 |
| 1200 | 0.30 |

TABLE II

(a)

The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

| Pipe Size | (a) load lbs. | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|---------------|-----------|-------|---------------|-------|-----------|---------------|-------|------|---------------|--------|-------|---------------|--------|-----|
| | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| | | | | 1/2 | 65 | 1/8x1 1/2 | 0.375 | 1.63 | 4.75 | 6 | 2.69 | 6.875 | 6 | 4.0 | 9.5 |
| 3/4 | 75 | 1/8x1 1/2 | 0.375 | 1.63 | 4.75 | 6 | 2.69 | 6.875 | 6 | 4.0 | 9.5 | 6 | 5.0 | 11.5 | 6 |
| 1 | 90 | 1/8x1 1/2 | 0.375 | 1.94 | 5.375 | 6 | 2.97 | 7.437 | 6 | 4.0 | 9.5 | 6 | 5.0 | 11.5 | 6 |
| 1 1/2 | 130 | 1/8x1 1/2 | 0.375 | 2.19 | 5.875 | 6 | 3.50 | 8.5 | 6 | 4.5 | 10.5 | 6 | 5.56 | 12.625 | 6 |
| 2 | 245 | 1/4x1 1/2 | 0.375 | 2.44 | 6.875 | 6 | 3.50 | 9 | 6 | 4.5 | 11 | 6 | 5.56 | 13.125 | 6 |
| 2 1/2 | 290 | 1/4x1 1/2 | 0.375 | 2.69 | 7.375 | 6 | 4.0 | 10 | 6 | 5.0 | 12 | 9 | 6.06 | 14.125 | 9 |
| 3 | 365 | 1/4x1 1/2 | 0.375 | 2.97 | 7.937 | 6 | 4.0 | 10 | 6 | 5.0 | 12 | 9 | 6.06 | 14.125 | 9 |
| 4 | 475 | 1/4x1 1/2 | 0.375 | 3.5 | 9 | 6 | 4.5 | 11 | 6 | 5.56 | 13.125 | 9 | 6.56 | 15.125 | 9 |

TABLE I

Application:

Model D5000 is designed for use on:

- Cold Water
- Chilled Water

Intended to be hung from two threaded rods in close overhead clearance conditions.

Temperature Range:

+40°F to +1200°F

Features:

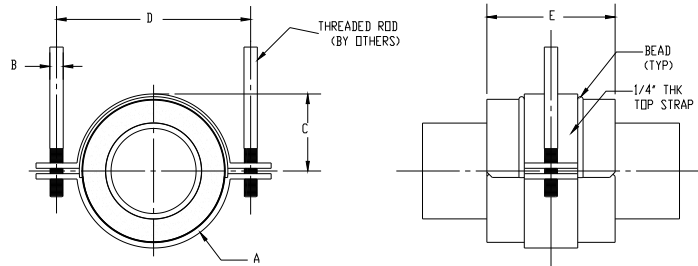
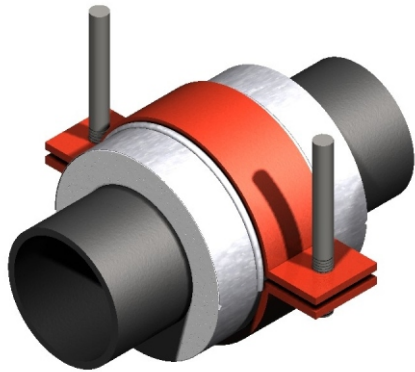
- Compact
- Easy installation
- Eliminates welding to pipe
- Copper tubing sizes and pipe sizes
- Overlapping galvanized sheet metal jacket
- Minimizes heat-loss and/or condensation
- Minimal overhead clearance requirement
- Other I.D.'s and/or O.D.'s available on request

Performance Test Results on File:
Available upon request.

Material Data:

- **D5000:** Applicable PSI specification document: No. 209.
- **Insulation:** Calcium Silicate asbestos-free, treated with water repellent.
- **Jackets:** Galvanized Steel ASTM A-527.
- **Glue:** Industrial contact adhesive
- **Structural Inserts:** High-density calcium silicate asbestos free, treated with water repellent.
- **Steel Straps:** Carbon Steel ASTM A-36.
- **Fasteners:** ASTM A-307 plated.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



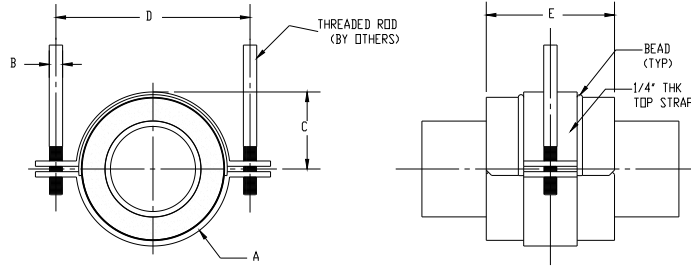
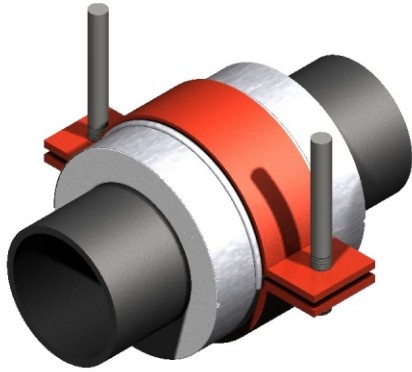
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D6100

| Pipe Size | load lbs. | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|-----------|-------|-------|---------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|
| | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| 5 | 600 | 1/2x3 | 0.375 | 4.13 | 11 | 6 | 5.13 | 13 | 6 | 6.18 | 15.125 | 6 | 7.31 | 17.375 | 6 |
| 6 | 800 | 1/2x3 | 0.375 | 4.63 | 12 | 6 | 5.68 | 14.125 | 6 | 6.68 | 16.125 | 6 | 7.81 | 18.375 | 6 |
| 8 | 1300 | 1/2x3 | 0.500 | 5.68 | 14.375 | 6 | 6.68 | 16.375 | 6 | 7.81 | 18.625 | 6 | 8.81 | 20.625 | 6 |
| 10 | 2000 | 1/2x3 | 0.500 | 6.69 | 16.375 | 6 | 7.81 | 18.625 | 6 | 8.81 | 20.625 | 6 | 9.81 | 22.625 | 9 |
| 12 | 2400 | 5/8x3 | 0.625 | 7.81 | 19.375 | 6 | 8.81 | 21.375 | 6 | 9.81 | 23.375 | 6 | 10.81 | 25.375 | 9 |
| 14 | 2500 | 5/8x3 | 0.625 | 8.31 | 20.375 | 6 | 9.31 | 22.375 | 6 | 10.31 | 24.375 | 9 | 11.31 | 26.375 | 9 |
| 16 | 3300 | 3/4x3 | 0.750 | 9.31 | 22.875 | 6 | 10.31 | 24.875 | 9 | 11.31 | 26.875 | 9 | 12.31 | 28.875 | 9 |
| 18 | 3500 | 3/4x3 | 0.750 | 10.31 | 24.875 | 9 | 11.31 | 26.875 | 9 | 12.31 | 28.875 | 9 | 13.31 | 30.875 | 12 |
| 20 | 3600 | 3/4x3 | 0.750 | 11.31 | 26.875 | 9 | 12.31 | 28.875 | 9 | 13.31 | 30.875 | 9 | 14.31 | 32.875 | 12 |
| 24 | 4500 | 1x3 | 0.750 | 13.31 | 31.625 | 9 | 14.31 | 33.625 | 12 | 15.31 | 35.625 | 12 | 16.31 | 37.625 | 12 |
| 30 | 4800 | 1x3 | 0.750 | 16.31 | 37.625 | 12 | 17.31 | 39.625 | 12 | 18.31 | 41.625 | 12 | 19.31 | 43.625 | 12 |

TABLE I

| | | |
|---|--|--|
| <p>Application:</p> <p>Model D6000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from two threaded rods in close overhead clearance conditions.</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Minimal overhead clearance requirement · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D6000: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|--|



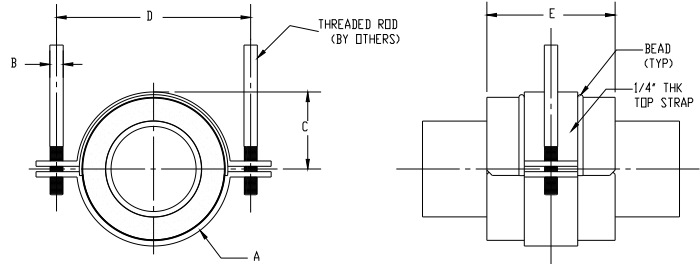
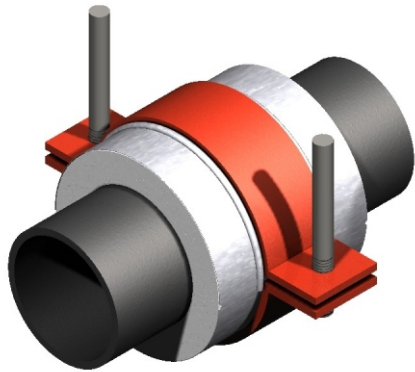
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D6300

| Pipe Size | load lbs. | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|-----------|---------|------|---------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|
| | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| 5 | 1200 | 1/2x3 | 0.50 | 4.13 | 11.25 | 6 | 5.13 | 13.25 | 6 | 6.18 | 15.375 | 6 | 7.31 | 17.625 | 6 |
| 6 | 1600 | 1/2x3 | 0.50 | 4.63 | 12.25 | 6 | 5.68 | 14.375 | 6 | 6.68 | 16.375 | 6 | 7.81 | 18.625 | 6 |
| 8 | 2600 | 1/2x3 | 0.63 | 5.68 | 14.625 | 6 | 6.68 | 16.625 | 6 | 7.81 | 18.875 | 6 | 8.81 | 20.875 | 6 |
| 10 | 4000 | 5/8x3 | 0.75 | 6.69 | 17.125 | 6 | 7.81 | 19.375 | 6 | 8.81 | 21.375 | 6 | 9.81 | 23.375 | 9 |
| 12 | 4800 | 3/4x3 | 0.75 | 7.81 | 19.875 | 6 | 8.81 | 21.875 | 6 | 9.81 | 23.875 | 6 | 10.81 | 25.875 | 9 |
| 14 | 5000 | 3/4x3 | 0.75 | 8.31 | 20.875 | 6 | 9.31 | 22.875 | 6 | 10.31 | 24.875 | 9 | 11.31 | 26.875 | 9 |
| 16 | 6150 | 1x3 | 0.88 | 9.31 | 24.125 | 6 | 10.31 | 26.125 | 9 | 11.31 | 28.125 | 9 | 12.31 | 30.125 | 9 |
| 18 | 6150 | 1x4 1/2 | 0.88 | 10.31 | 26.125 | 9 | 11.31 | 28.125 | 9 | 12.31 | 30.125 | 9 | 13.31 | 32.125 | 9 |
| 20 | 6150 | 1x4 1/2 | 0.88 | 11.31 | 28.125 | 9 | 12.31 | 30.125 | 9 | 13.31 | 32.125 | 9 | 14.31 | 34.125 | 12 |
| 24 | 8550 | 1x4 1/2 | 1.00 | 13.31 | 32.375 | 9 | 14.31 | 34.375 | 12 | 15.31 | 36.375 | 12 | 16.31 | 38.375 | 12 |
| 30 | 8550 | 1x4 1/2 | 1.25 | 16.31 | 38.875 | 12 | 17.31 | 40.875 | 12 | 18.31 | 42.875 | 12 | 19.31 | 44.875 | 12 |

TABLE I

| | | |
|--|--|--|
| <p>Application:</p> <p>Model D6100 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from two threaded rods in close overhead clearance conditions.</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Minimal overhead clearance requirement · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D6100: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|--|--|--|



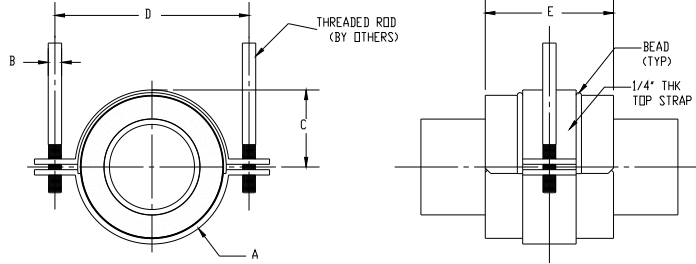
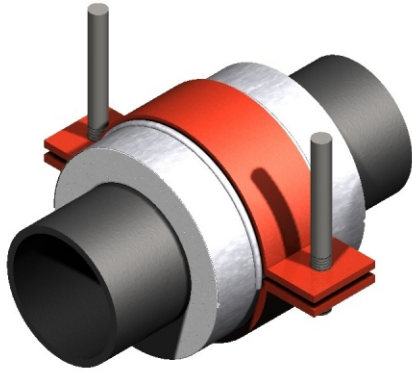
The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

Note: For higher load ratings, see: D6300

| Pipe Size | load lbs. | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|-----------|---------|------|---------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|
| | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| 16 | 6600 | 1x4 1/2 | 1.25 | 9.31 | 24.875 | 6 | 10.31 | 26.875 | 9 | 11.31 | 28.875 | 9 | 12.31 | 30.875 | 9 |
| 18 | 7000 | 1x4 1/2 | 1.25 | 10.31 | 26.875 | 9 | 11.31 | 28.875 | 9 | 12.31 | 30.875 | 9 | 13.31 | 32.875 | 9 |
| 20 | 7200 | 1x4 1/2 | 1.25 | 11.31 | 28.875 | 9 | 12.31 | 30.875 | 9 | 13.31 | 32.875 | 9 | 14.31 | 34.875 | 12 |
| 24 | 9000 | 1x4 1/2 | 1.25 | 13.31 | 32.875 | 9 | 14.31 | 34.875 | 12 | 15.31 | 36.875 | 12 | 16.31 | 38.875 | 12 |
| 30 | 9600 | 1x4 1/2 | 1.25 | 16.31 | 38.875 | 12 | 17.31 | 40.875 | 12 | 18.31 | 42.875 | 12 | 19.31 | 44.875 | 12 |

TABLE I

| | | |
|---|--|--|
| <p>Application:</p> <p>Model D6200 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water <p>Intended to be hung from two threaded rods in close overhead clearance conditions.</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Minimal overhead clearance requirement · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D6200: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|--|



The load ratings represent average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. Dimensions and ratings are subject to change without notice. Contact factory for current information.

| Pipe Size | load lbs. | Bolt Torq ft-lbs | A | B | Insul. Thk 1" | | | Insul. Thk 2" | | | Insul. Thk 3" | | | Insul. Thk 4" | | |
|-----------|-----------|------------------|-----|------|---------------|--------|----|---------------|--------|----|---------------|--------|----|---------------|--------|----|
| | | | | | C | D | E | C | D | E | C | D | E | C | D | E |
| 20 | 8200 | 50 | 1x6 | 1.25 | 11.31 | 28.875 | 9 | 12.31 | 30.875 | 9 | 13.31 | 32.875 | 9 | 14.31 | 34.875 | 12 |
| 24 | 11400 | 50 | 1x6 | 1.50 | 13.31 | 33.375 | 9 | 14.31 | 35.375 | 12 | 15.31 | 37.375 | 12 | 16.31 | 39.375 | 12 |
| 30 | 11400 | 50 | 1x6 | 1.50 | 16.31 | 39.375 | 12 | 17.31 | 41.375 | 12 | 18.31 | 43.375 | 12 | 19.31 | 45.375 | 12 |

TABLE I

| | | |
|---|--|--|
| <p>Application:</p> <p>Model D6300 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Dual Temperature · Vacuum · Steam · Chilled Water · Gas · Air <p>Intended to be hung from two threaded rods in close overhead clearance conditions.</p> <p>Temperature Range: +40°F to +1200°F</p> | <p>Features:</p> <ul style="list-style-type: none"> · Compact · Easy installation · Eliminates welding to pipe · Copper tubing sizes and pipe sizes · Overlapping galvanized sheet metal jacket · Minimizes heat-loss and/or condensation · Minimal overhead clearance requirement · Other I.D.'s and/or O.D.'s available on request <p>Performance Test Results on File: Available upon request.</p> | <p>Material Data:</p> <ul style="list-style-type: none"> · D6300: Applicable PSI specification document: No. 209. · Insulation: Calcium Silicate asbestos-free, treated with water repellent. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent. · Steel Straps: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available.</p> |
|---|--|--|

INTRODUCTION

SECTION "E"

INSULATED PIPE RISER CLAMPS

APPLICATION – Commercial, Light and Heavy Industrial and Large HVAC Distribution Systems

Models E1000 – E1300 Insulated Pipe Riser Clamps for restraint of **downward loads only**. These models require the field welding of two (2) factory supplied thrust plates against the upper side of the riser clamp. The higher the model number in this series, the higher the load rating.

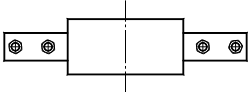
Models E2000 – E2300 Insulated Pipe Riser Clamps for restraint of either, or both, **upward or downward loads**. These models require field welding of two (2) factory supplied thrust plates on both the upper and lower sides of the riser clamp. The higher the model number in this series, the higher the load rating.

Pipe Shields Inc. can also supply similar clamps (not catalogued) for the support of pipe insulation. Insulated clamps (not catalogued) can be supplied for use as pipe guides on vertical risers.

If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at 713-731-0030 or 1-800-787-5914.

Please acquaint yourself with the selection guide at the front of this catalog and the section index on the page following this introduction, for assistance in determining the most appropriate support for your application.

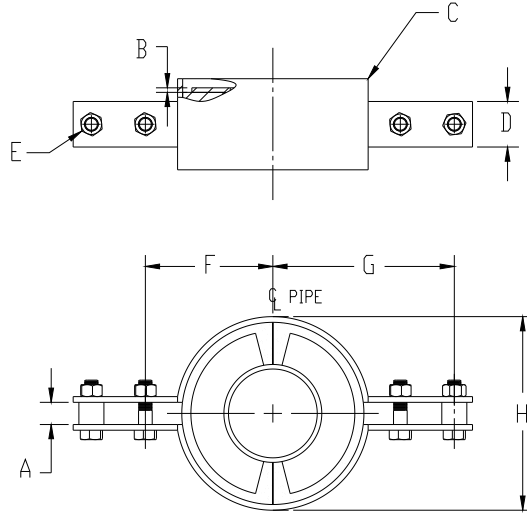
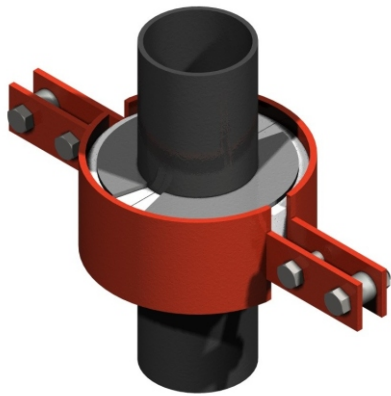
INSULATED PIPE RISER CLAMPS

| MODEL | PIPE SIZE RANGE | PRIMARY APPLICATION | | DUTY |
|---|-----------------------|------------------------|--------|----------|
| | | DOWNWARD | UPWARD | |
|  | | | | |
| E1000 | 2 - 24 | X | | MEDIUM |
| E1100 | 2 - 24 | X | | HEAVY |
| E1200 | 2 - 24 | X | | HEAVIER |
| E1300 | 12 - 24 | X | | HEAVIEST |
| E2000 | 2 - 24 | X | X | MEDIUM |
| E2100 | 2 - 24 | X | X | HEAVY |
| E2200 | 2 - 24 | X | X | HEAVIER |
| E2300 | 12 - 24 | X | X | HEAVIEST |

TO ORDER, specify:

- | | |
|-------------------------|--------|
| 1. Quantity | 20 |
| 2. Pipe Size & Type | 4" IPS |
| 3. Insulation Thickness | 2" |
| 4. Model Number | E1000 |

EXAMPLE: (20) 4 x 2 E1000



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top only.

Note: For higher load ratings, see: E1100

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| 2 | 250 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 3.69 | 5.69 | 5.13 | 4.75 | 6.75 | 7.25 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 |
| 2 1/2 | 300 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 3.94 | 5.94 | 5.63 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 |
| 3 | 400 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 4.22 | 6.22 | 6.19 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 |
| 4 | 600 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 4.75 | 6.75 | 7.25 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 |
| 5 | 800 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 | 8.44 | 10.44 | 14.63 |
| 6 | 1000 | 0.63 | 0.25 | 0.25 x 4.00 | 2.00 | 0.625 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 | 8.94 | 10.94 | 15.63 |
| 8 | 1300 | 0.63 | 0.25 | 0.25 x 4.00 | 2.00 | 0.625 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 | 8.94 | 10.94 | 15.63 | 9.94 | 11.94 | 17.63 |
| 10 | 1600 | 0.63 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 8.06 | 10.31 | 13.63 | 9.19 | 11.44 | 15.88 | 10.19 | 12.44 | 17.88 | 11.19 | 13.44 | 19.88 |
| 12 | 1700 | 0.63 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 9.19 | 11.44 | 15.88 | 10.19 | 12.44 | 17.88 | 11.19 | 13.44 | 19.88 | 12.19 | 14.44 | 21.88 |
| 14 | 2000 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 9.69 | 11.94 | 16.88 | 10.69 | 12.94 | 18.88 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 |
| 16 | 2300 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 10.69 | 12.94 | 18.88 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 |
| 18 | 2500 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 | 14.69 | 16.94 | 26.88 |
| 20 | 2700 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 | 14.69 | 16.94 | 26.88 | 15.69 | 17.94 | 28.88 |
| 24 | 2800 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 14.69 | 17.19 | 26.88 | 15.69 | 18.19 | 28.88 | 16.69 | 19.19 | 30.88 | 17.69 | 20.19 | 32.88 |

Application:
 Model E1000 through E1030 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 Intended for installation on:
 · Vertical runs of insulated pipe with downward load only.
 Other:
 · For handling both upward and downward loads, see E2000
Temperature Range:
+40°F to +650°F

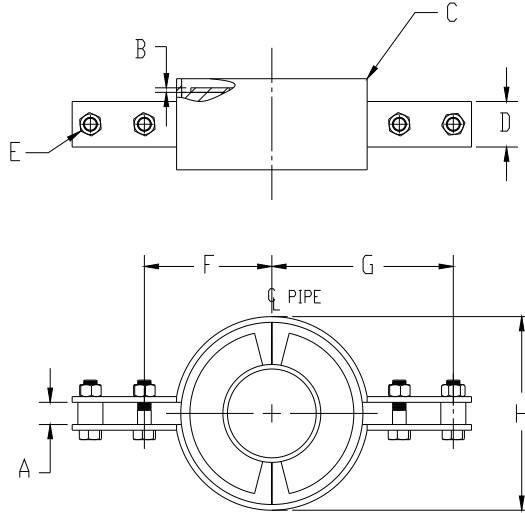
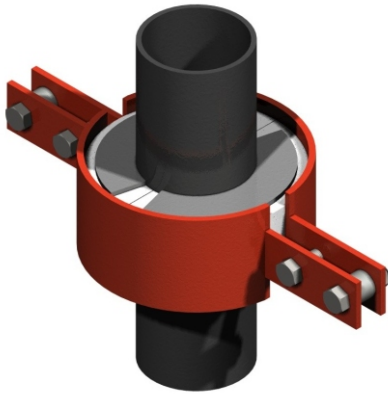
Features:
 · All pipe sizes
 · Easy Installation
 · Positive stop - axially downward
 · May be supported from below or above
 · Overlapping galvanized sheet metal jacket
 · Insulating structural inserts for load transfer
 · Other I.D.'s and/or O.D.'s Available on Request
 · Eliminates condensation sweating on chilled water risers

 Performance Test Results on File:
 Available upon request

Material Data:
 · **E1000 - E1030:** specification document: No. 206.
 · **Steel Top Thrust Plates:**

| | | |
|--------------|-------------|--------------------------|
| <u>Model</u> | <u>ASTM</u> | <u>For Pipe Material</u> |
| E1000 | A36 | Carbon-Steel |
| E1010 | A387GR.11 | Chrome-Moly |
| E1020 | A515GR.70 | Carbon Silicon |
| E1030 | A304L | Stainless Steel |

 · Insulation: Calcium Silicate asbestos-free, treated with water repellent.
 · Jackets: Galvanized Steel ASTM A-527.
 · Glue: Industrial contact adhesive
 · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent.
 · Steel Straps/Base: Carbon Steel ASTM A-36.
 · Fasteners: ASTM A-307 plated.
 · Coating: Primer coated or hot dipped galvanized.
 Other coatings available upon request.
Formal Submittal Sheets available.



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top only.

Note: For higher load ratings, see: E1200

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| | | | | | | | 2 | 500 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 3.94 | 6.19 | 5.38 | 5.00 | 7.25 |
| 2 1/2 | 600 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.19 | 6.44 | 5.88 | 5.50 | 7.75 | 8.50 | 6.50 | 8.75 | 10.50 | 7.56 | 9.81 | 12.63 |
| 3 | 800 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.47 | 6.72 | 6.44 | 5.50 | 7.75 | 8.50 | 6.50 | 8.75 | 10.50 | 7.56 | 9.81 | 12.63 |
| 4 | 1200 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 5.00 | 7.25 | 7.50 | 6.00 | 8.25 | 9.50 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 |
| 5 | 1600 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 5.50 | 7.75 | 8.50 | 6.50 | 8.75 | 10.50 | 7.56 | 9.81 | 12.63 | 8.69 | 10.94 | 14.88 |
| 6 | 2000 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 6.00 | 8.25 | 9.50 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 | 9.19 | 11.44 | 15.88 |
| 8 | 2600 | 0.63 | 0.50 | 0.50 x 4.00 | 2.00 | 0.625 | 7.31 | 9.81 | 11.88 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 |
| 10 | 3200 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 |
| 12 | 3400 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 | 12.44 | 14.94 | 22.13 |
| 14 | 4000 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.75 | 10.06 | 12.69 | 17.13 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 |
| 16 | 4600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 |
| 18 | 5000 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 |
| 20 | 5400 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 |
| 24 | 5600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 | 17.06 | 19.69 | 31.13 | 18.06 | 20.69 | 33.13 |

Application:

Model E1100 through E1130 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Vertical runs of insulated pipe.

Other:

- For handling both upward and downward loads, see E2100

Temperature Range:

+40°F to +650°F

Features:

- All pipe sizes
- Easy Installation
- Positive stop - axially downward
- May be supported from below or above
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s available on request
- Eliminates condensation sweating on chilled water risers

Performance Test Results on File:
Available upon request

Material Data:

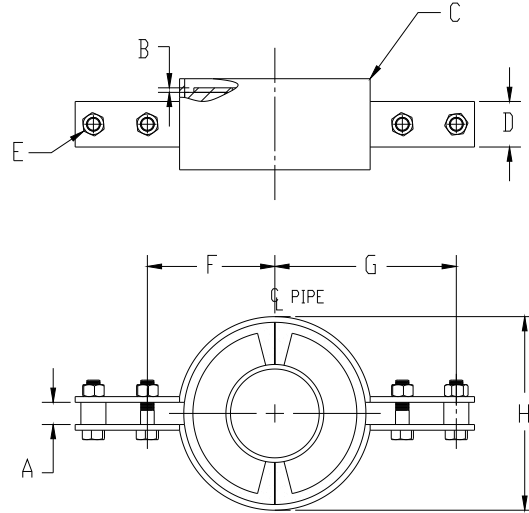
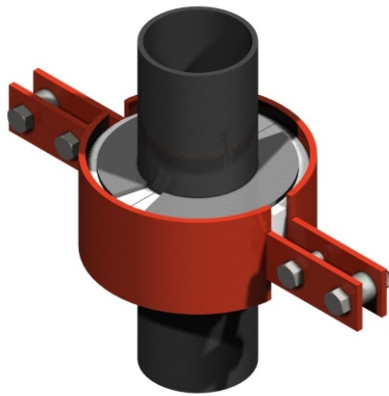
- **E1100 - E1130:** specification document: No. 206.

Steel Inner Thrust Plates:

| Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| E1100 | A36 | Carbon-Steel |
| E1110 | A387GR.11 | Chrome-Moly |
| E1120 | A515GR.70 | Carbon Silicon |
| E1130 | A304L | Stainless Steel |

- Insulation: Calcium Silicate asbestos-free, treated with water repellent.
- Jackets: Galvanized Steel ASTM A-527.
- Glue: Industrial contact adhesive
- Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent.
- Steel Straps/Base: Carbon Steel ASTM A-36.
- Fasteners: ASTM A-307 plated.
- Coating: Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top only.

Note: For higher load ratings, see: E1300

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| 2 | 750 | 0.63 | 0.50 | 0.50 x 3.00 | 1.50 | 0.625 | 4.19 | 6.19 | 5.63 | 5.25 | 7.25 | 7.75 | 6.25 | 8.25 | 9.75 | 7.31 | 9.31 | 11.88 |
| 2 1/2 | 900 | 0.63 | 0.50 | 0.50 x 3.00 | 1.50 | 0.625 | 4.44 | 6.44 | 6.13 | 5.75 | 7.75 | 8.75 | 6.75 | 8.75 | 10.75 | 7.81 | 9.81 | 12.88 |
| 3 | 1200 | 0.63 | 0.50 | 0.50 x 3.00 | 1.50 | 0.625 | 4.72 | 6.72 | 6.69 | 5.75 | 7.75 | 8.75 | 6.75 | 8.75 | 10.75 | 7.81 | 9.81 | 12.88 |
| 4 | 1800 | 0.63 | 0.50 | 0.50 x 4.00 | 2.00 | 0.625 | 5.25 | 7.25 | 7.75 | 6.25 | 8.25 | 9.75 | 7.31 | 9.31 | 11.88 | 8.31 | 10.31 | 13.88 |
| 5 | 2400 | 0.63 | 0.50 | 0.50 x 4.00 | 2.00 | 0.625 | 5.75 | 7.75 | 8.75 | 6.75 | 8.75 | 10.75 | 7.81 | 9.81 | 12.88 | 8.94 | 10.94 | 15.13 |
| 6 | 3000 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 6.25 | 8.25 | 9.75 | 7.31 | 9.31 | 11.88 | 8.31 | 10.31 | 13.88 | 9.44 | 11.44 | 16.13 |
| 8 | 3900 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 7.31 | 9.31 | 11.88 | 8.31 | 10.31 | 13.88 | 9.44 | 11.44 | 16.13 | 10.44 | 12.44 | 18.13 |
| 10 | 4800 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 8.44 | 10.69 | 13.88 | 9.56 | 11.81 | 16.13 | 10.56 | 12.81 | 18.13 | 11.56 | 13.81 | 20.13 |
| 12 | 5100 | 1.13 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 9.56 | 11.81 | 16.13 | 10.56 | 12.81 | 18.13 | 11.56 | 13.81 | 20.13 | 12.56 | 14.81 | 22.13 |
| 14 | 6000 | 1.13 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 10.06 | 12.31 | 17.13 | 11.06 | 13.31 | 19.13 | 12.06 | 14.31 | 21.13 | 13.06 | 15.31 | 23.13 |
| 16 | 6900 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.88 | 11.19 | 13.44 | 19.13 | 12.19 | 14.44 | 21.13 | 13.19 | 15.44 | 23.13 | 14.19 | 16.44 | 25.13 |
| 18 | 7500 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.88 | 12.19 | 14.44 | 21.13 | 13.19 | 15.44 | 23.13 | 14.19 | 16.44 | 25.13 | 15.19 | 17.44 | 27.13 |
| 20 | 8100 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.88 | 13.19 | 15.44 | 23.13 | 14.19 | 16.44 | 25.13 | 15.19 | 17.44 | 27.13 | 16.19 | 18.44 | 29.13 |
| 24 | 8400 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.88 | 15.19 | 17.69 | 27.13 | 16.19 | 18.69 | 29.13 | 17.19 | 19.69 | 31.13 | 18.19 | 20.69 | 33.13 |

Application:
 Model E1200 through E1230 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 Intended for installation on:
 · Vertical runs of insulated pipe with downward load only.
 Other:
 · For handling both upward and downward loads, see E2200
Temperature Range:
 +40°F to +650°F

Features:

- All pipe sizes
- Easy Installation
- Positive stop - axially downward
- May be supported from below or above
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s Available on Request
- Eliminates condensation sweating on chilled water risers

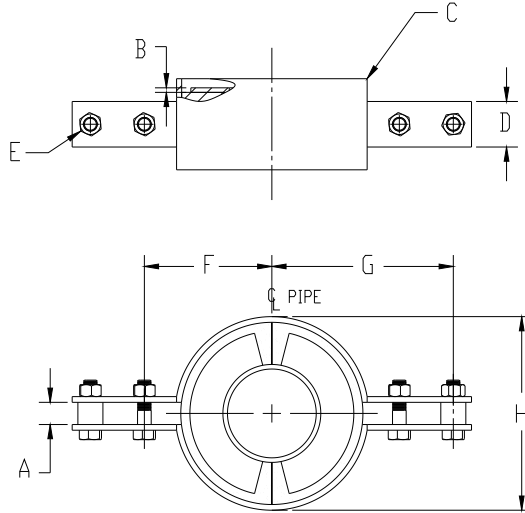
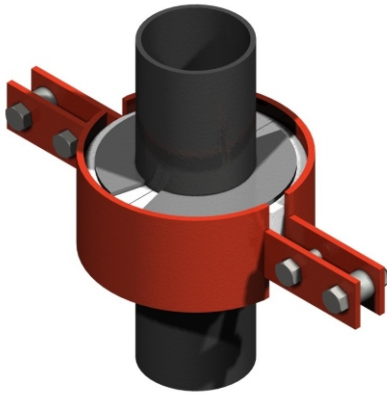
Performance Test Results on File:
 Available upon request

Material Data:

- **E1200 - E1230:** specification document: No. 206.
- **Steel Inner Thrust Plates:**

| Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| E1200 | A36 | Carbon-Steel |
| E1210 | A387GR.11 | Chrome-Moly |
| E1220 | A515GR.70 | Carbon Silicon |
| E1230 | A304L | Stainless Steel |
- Insulation: Calcium Silicate asbestos-free, treated with water repellant.
- Jackets: Galvanized Steel ASTM A-527.
- Glue: Industrial contact adhesive
- Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base: Carbon Steel ASTM A-36.
- Fasteners: ASTM A-307 plated.
- Coating: Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.

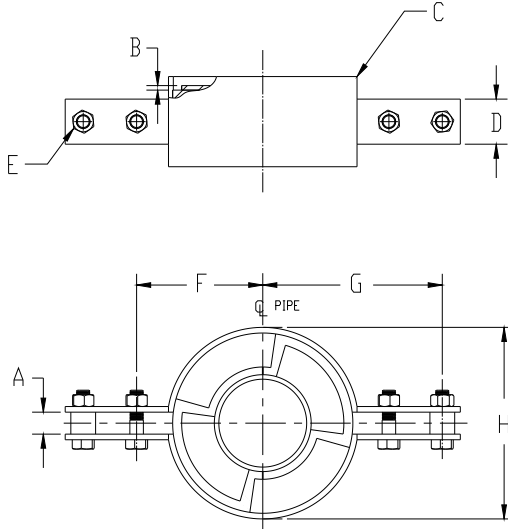
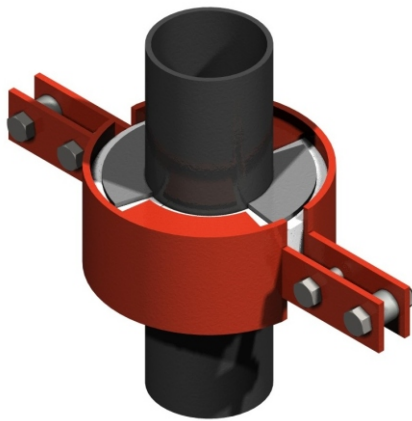


a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top only.

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| | | | | | | | 12 | 6800 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.875 | 9.69 | 11.94 | 16.13 | 10.69 | 12.94 |
| 14 | 8000 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.875 | 10.19 | 12.44 | 17.13 | 11.19 | 13.44 | 19.13 | 12.19 | 14.44 | 21.13 | 13.19 | 15.44 | 23.13 |
| 16 | 9200 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 11.44 | 13.69 | 19.38 | 12.44 | 14.69 | 21.38 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 |
| 18 | 10000 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 12.44 | 14.69 | 21.38 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 | 15.44 | 17.69 | 27.38 |
| 20 | 10800 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 | 15.44 | 17.69 | 27.38 | 16.44 | 18.69 | 29.38 |
| 24 | 11200 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.25 | 15.69 | 18.19 | 27.38 | 16.69 | 19.19 | 29.38 | 17.69 | 20.19 | 31.38 | 18.69 | 21.19 | 33.38 |

| <p>Application: Model E1300 through E1330 is designed for use on: · Hot Water · Vacuum · Gas · Cold Water · Steam · Air · Dual Temperature · Chilled Water Intended for installation on: · Vertical runs of insulated pipe with downward load only. Other: · For handling both upward and downward loads, see E2300 Temperature Range: +40°F to +650°F</p> | <p>Features: · All pipe sizes · Easy Installation · Positive stop - axially downward · May be supported from below or above · Overlapping galvanized sheet metal jacket · Insulating structural inserts for load transfer · Other I.D.'s and/or O.D.'s Available on Request · Eliminates condensation sweating on chilled water risers</p> <p>Performance Test Results on File: Available upon request</p> | <p>Material Data: · E1300 - E1330: specification document: No. 206. · Steel Inner Thrust Plates:</p> <table border="1"> <thead> <tr> <th>Model</th> <th>ASTM</th> <th>For Pipe Material</th> </tr> </thead> <tbody> <tr> <td>E1300</td> <td>A36</td> <td>Carbon-Steel</td> </tr> <tr> <td>E1310</td> <td>A387GR.11</td> <td>Chrome-Moly</td> </tr> <tr> <td>E1320</td> <td>A515GR.70</td> <td>Carbon Silicon</td> </tr> <tr> <td>E1330</td> <td>A304L</td> <td>Stainless Steel</td> </tr> </tbody> </table> <p>· Insulation: Calcium Silicate asbestos-free, treated with water repellant. · Jackets: Galvanized Steel ASTM A-527. · Glue: Industrial contact adhesive · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant. · Steel Straps/Base: Carbon Steel ASTM A-36. · Fasteners: ASTM A-307 plated. · Coating: Primer coated or hot dipped galvanized. Other coatings available upon request. Formal Submittal Sheets available.</p> | Model | ASTM | For Pipe Material | E1300 | A36 | Carbon-Steel | E1310 | A387GR.11 | Chrome-Moly | E1320 | A515GR.70 | Carbon Silicon | E1330 | A304L | Stainless Steel |
|---|--|---|-------|------|-------------------|-------|-----|--------------|-------|-----------|-------------|-------|-----------|----------------|-------|-------|-----------------|
| Model | ASTM | For Pipe Material | | | | | | | | | | | | | | | |
| E1300 | A36 | Carbon-Steel | | | | | | | | | | | | | | | |
| E1310 | A387GR.11 | Chrome-Moly | | | | | | | | | | | | | | | |
| E1320 | A515GR.70 | Carbon Silicon | | | | | | | | | | | | | | | |
| E1330 | A304L | Stainless Steel | | | | | | | | | | | | | | | |



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top and bottom.

Note: For higher load ratings, see: E2100

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| 2 | 250 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 3.69 | 5.69 | 5.13 | 4.75 | 6.75 | 7.25 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 |
| 2 1/2 | 300 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 3.94 | 5.94 | 5.63 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 |
| 3 | 400 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 4.22 | 6.22 | 6.19 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 |
| 4 | 600 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 4.75 | 6.75 | 7.25 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 |
| 5 | 800 | 0.63 | 0.25 | 0.25 x 3.00 | 1.50 | 0.625 | 5.25 | 7.25 | 8.25 | 6.25 | 8.25 | 10.25 | 7.31 | 9.31 | 12.38 | 8.44 | 10.44 | 14.63 |
| 6 | 1000 | 0.63 | 0.25 | 0.25 x 4.00 | 2.00 | 0.625 | 5.75 | 7.75 | 9.25 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 | 8.94 | 10.94 | 15.63 |
| 8 | 1300 | 0.63 | 0.25 | 0.25 x 4.00 | 2.00 | 0.625 | 6.81 | 8.81 | 11.38 | 7.81 | 9.81 | 13.38 | 8.94 | 10.94 | 15.63 | 9.94 | 11.94 | 17.63 |
| 10 | 1600 | 0.63 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 8.06 | 10.31 | 13.63 | 9.19 | 11.44 | 15.88 | 10.19 | 12.44 | 17.88 | 11.19 | 13.44 | 19.88 |
| 12 | 1700 | 0.63 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 9.19 | 11.44 | 15.88 | 10.19 | 12.44 | 17.88 | 11.19 | 13.44 | 19.88 | 12.19 | 14.44 | 21.88 |
| 14 | 2000 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 9.69 | 11.94 | 16.88 | 10.69 | 12.94 | 18.88 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 |
| 16 | 2300 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 10.69 | 12.94 | 18.88 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 |
| 18 | 2500 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 11.69 | 13.94 | 20.88 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 | 14.69 | 16.94 | 26.88 |
| 20 | 2700 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 12.69 | 14.94 | 22.88 | 13.69 | 15.94 | 24.88 | 14.69 | 16.94 | 26.88 | 15.69 | 17.94 | 28.88 |
| 24 | 2800 | 0.88 | 0.38 | 0.38 x 5.00 | 3.00 | 0.625 | 14.69 | 17.19 | 26.88 | 15.69 | 18.19 | 28.88 | 16.69 | 19.19 | 30.88 | 17.69 | 20.19 | 32.88 |

Application:

Model E2000 through E2030 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Dual Temperature · Chilled Water

Intended for installation on:

- Vertical runs of insulated pipe with upward and/or downward load.

Other:

- For handling downward loads only, see E1000

Temperature Range:

+40°F to +650°F

Features:

- All pipe sizes
- Easy Installation
- Positive stop - axially upward or downward
- May be supported from below or above
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s Available on Request
- Eliminates condensation sweating on chilled water risers

Performance Test Results on File:

Available upon request

Material Data:

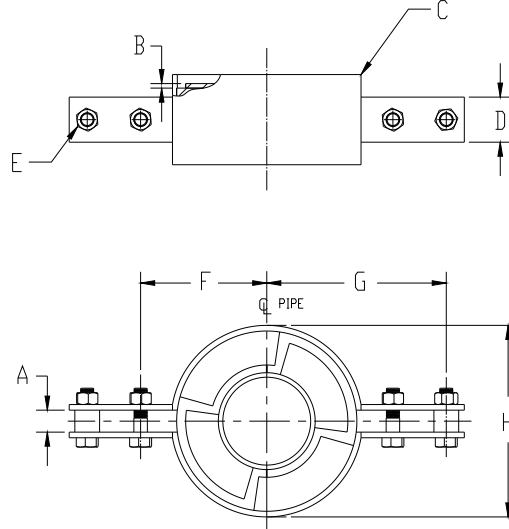
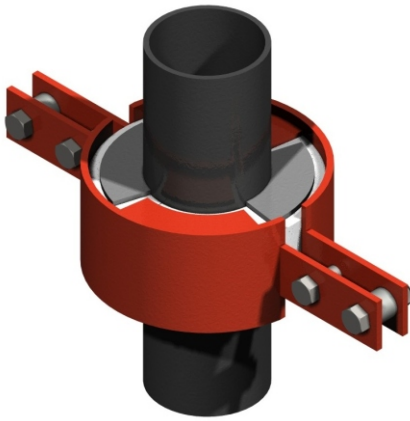
- **E2000 - E2030:** specification document: No. 206.

Steel Top Thrust Plates:

| Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| E2000 | A36 | Carbon-Steel |
| E2010 | A387GR.11 | Chrome-Moly |
| E2020 | A515GR.70 | Carbon Silicon |
| E2030 | A304L | Stainless Steel |

- Insulation: Calcium Silicate asbestos-free, treated with water repellant.
- Jackets: Galvanized Steel ASTM A-527.
- Glue: Industrial contact adhesive
- Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant.
- Steel Straps/Base: Carbon Steel ASTM A-36.
- Fasteners: ASTM A-307 plated.
- Coating: Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top and bottom.

Note: For higher load ratings, see: E2200

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| | | | | | | | 2 | 500 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 3.94 | 6.19 | 5.38 | 5.00 | 7.25 |
| 2 1/2 | 600 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.19 | 6.44 | 5.88 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 |
| 3 | 800 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.47 | 6.72 | 6.44 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 |
| 4 | 1200 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 5.00 | 7.25 | 7.5 | 6.00 | 8.25 | 9.5 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 |
| 5 | 1600 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 | 8.69 | 10.94 | 14.88 |
| 6 | 2000 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 6.00 | 8.25 | 9.5 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 | 9.19 | 11.44 | 15.88 |
| 8 | 2600 | 0.63 | 0.50 | 0.50 x 4.00 | 2.00 | 0.625 | 7.31 | 9.81 | 11.88 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 |
| 10 | 3200 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 |
| 12 | 3400 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 | 12.44 | 14.94 | 22.13 |
| 14 | 4000 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.75 | 10.06 | 12.69 | 17.13 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 |
| 16 | 4600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 |
| 18 | 5000 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 |
| 20 | 5400 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 |
| 24 | 5600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 | 17.06 | 19.69 | 31.13 | 18.06 | 20.69 | 33.13 |

Application:

Model E2100 through E2130 is designed for use on:

- Hot Water · Vacuum · Gas
- Cold Water · Steam · Air
- Dual Temperature · Chilled Water

Intended for installation on:

- Vertical runs of insulated pipe.

Other:

- For handling downward loads only, see E1200

Temperature Range:
+40°F to +650°F

Features:

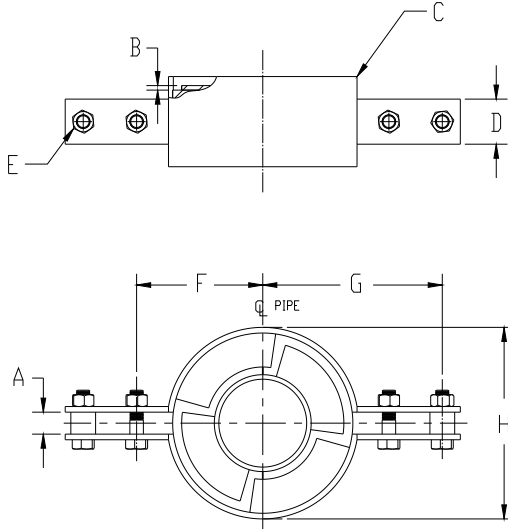
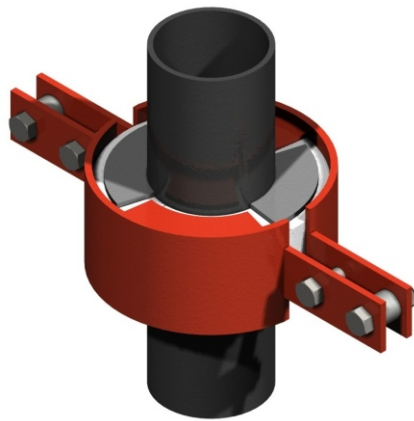
- All pipe sizes
- Easy Installation
- Positive stop - axially upward or downward
- May be supported from below or above
- Overlapping galvanized sheet metal jacket
- Insulating structural inserts for load transfer
- Other I.D.'s and/or O.D.'s Available on Request
- Eliminates condensation sweating on chilled water risers

Performance Test Results on File:
 Available upon request

Material Data:

- **E2100 - E2130:** specification document: No. 206.
 - **Steel Inner Thrust Plates:**
- | Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| E2100 | A36 | Carbon-Steel |
| E2110 | A387GR.11 | Chrome-Moly |
| E2120 | A515GR.70 | Carbon Silicon |
| E2130 | A304L | Stainless Steel |
- Insulation: Calcium Silicate asbestos-free, treated with water repellent.
 - Jackets: Galvanized Steel ASTM A-527.
 - Glue: Industrial contact adhesive
 - Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent.
 - Steel Straps/Base: Carbon Steel ASTM A-36.
 - Fasteners: ASTM A-307 plated.
 - Coating: Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.

b. One pair thrust plates supplied loose for field welding, top and bottom.

Note: For higher load ratings, see: E2200

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| 2 | 500 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 3.94 | 6.19 | 5.38 | 5.00 | 7.25 | 7.5 | 6.00 | 8.25 | 9.5 | 7.06 | 9.31 | 11.63 |
| 2 1/2 | 600 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.19 | 6.44 | 5.88 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 |
| 3 | 800 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 4.47 | 6.72 | 6.44 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 |
| 4 | 1200 | 0.63 | 0.38 | 0.38 x 3.00 | 1.50 | 0.625 | 5.00 | 7.25 | 7.5 | 6.00 | 8.25 | 9.5 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 |
| 5 | 1600 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 5.50 | 7.75 | 8.5 | 6.50 | 8.75 | 10.5 | 7.56 | 9.81 | 12.63 | 8.69 | 10.94 | 14.88 |
| 6 | 2000 | 0.63 | 0.38 | 0.38 x 4.00 | 2.00 | 0.625 | 6.00 | 8.25 | 9.5 | 7.06 | 9.31 | 11.63 | 8.06 | 10.31 | 13.63 | 9.19 | 11.44 | 15.88 |
| 8 | 2600 | 0.63 | 0.50 | 0.50 x 4.00 | 2.00 | 0.625 | 7.31 | 9.81 | 11.88 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 |
| 10 | 3200 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 8.31 | 10.81 | 13.88 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 |
| 12 | 3400 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.625 | 9.44 | 11.94 | 16.13 | 10.44 | 12.94 | 18.13 | 11.44 | 13.94 | 20.13 | 12.44 | 14.94 | 22.13 |
| 14 | 4000 | 0.88 | 0.50 | 0.50 x 5.00 | 3.00 | 0.75 | 10.06 | 12.69 | 17.13 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 |
| 16 | 4600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 11.06 | 13.69 | 19.13 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 |
| 18 | 5000 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 12.06 | 14.69 | 21.13 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 |
| 20 | 5400 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 13.06 | 15.69 | 23.13 | 14.06 | 16.69 | 25.13 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 |
| 24 | 5600 | 0.88 | 0.50 | 0.50 x 6.00 | 4.00 | 0.75 | 15.06 | 17.69 | 27.13 | 16.06 | 18.69 | 29.13 | 17.06 | 19.69 | 31.13 | 18.06 | 20.69 | 33.13 |

Application:
 Model E2200 through E2230 is designed for use on:
 · Hot Water · Vacuum · Gas
 · Cold Water · Steam · Air
 · Dual Temperature · Chilled Water
 Intended for installation on:
 · Vertical runs of insulated pipe with upward and/or downward load.
 Other:
 · For handling downward loads only, see E1200
Temperature Range:
 +40°F to +650°F

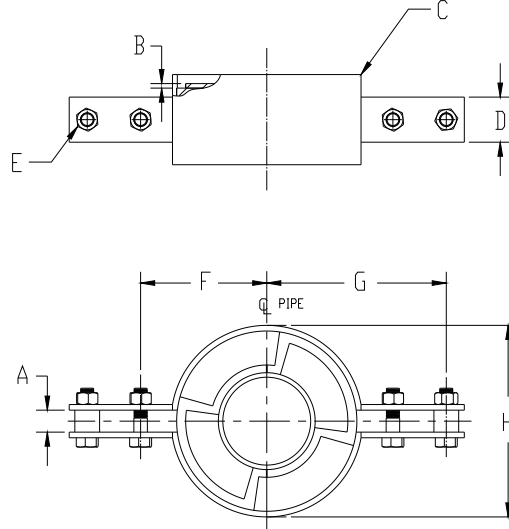
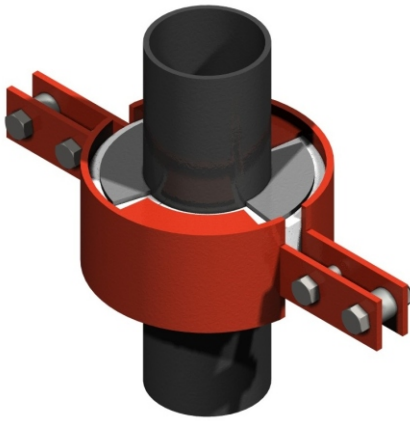
Features:
 · All pipe sizes
 · Easy Installation
 · Positive stop - axially upward or downward
 · May be supported from below or above
 · Overlapping galvanized sheet metal jacket
 · Insulating structural inserts for load transfer
 · Other I.D.'s and/or O.D.'s Available on Request
 · Eliminates condensation sweating on chilled water risers

 Performance Test Results on File:
 Available upon request

Material Data:
 · **E2200 - E2230:** specification document: No. 206.
 · **Steel Inner Thrust Plates:**

| | | |
|--------------|-------------|--------------------------|
| <u>Model</u> | <u>ASTM</u> | <u>For Pipe Material</u> |
| E2200 | A36 | Carbon-Steel |
| E2210 | A387GR.11 | Chrome-Moly |
| E2220 | A515GR.70 | Carbon Silicon |
| E2230 | A304L | Stainless Steel |

 · Insulation: Calcium Silicate asbestos-free, treated with water repellant.
 · Jackets: Galvanized Steel ASTM A-527.
 · Glue: Industrial contact adhesive
 · Structural Inserts: High-density calcium silicate asbestos free, treated with water repellant.
 · Steel Straps/Base: Carbon Steel ASTM A-36.
 · Fasteners: ASTM A-307 plated.
 · Coating: Primer coated or hot dipped galvanized.
 Other coatings available upon request.
Formal Submittal Sheets available.



- a. If thrust plate thickness "B" is greater than pipe wall thickness, consult factory.
- b. One pair thrust plates supplied loose for field welding, top and bottom.

| Pipe Size | Load lbs | A | B | C | D | E | Insul. Thk. = 1" | | | Insul. Thk. = 2" | | | Insul. Thk. = 3" | | | Insul. Thk. = 4" | | |
|-----------|----------|------|------|-------------|------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|------------------|-------|-------|
| | | | | | | | F | G | H | F | G | H | F | G | H | F | G | H |
| 12 | 6800 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.875 | 9.69 | 11.94 | 16.13 | 10.69 | 12.94 | 18.13 | 11.69 | 13.94 | 20.13 | 12.69 | 14.94 | 22.13 |
| 14 | 8000 | 1.13 | 0.50 | 0.50 x 7.00 | 5.00 | 0.875 | 10.19 | 12.44 | 17.13 | 11.19 | 13.44 | 19.13 | 12.19 | 14.44 | 21.13 | 13.19 | 15.44 | 23.13 |
| 16 | 9200 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 11.44 | 13.69 | 19.38 | 12.44 | 14.69 | 21.38 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 |
| 18 | 10000 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 12.44 | 14.69 | 21.38 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 | 15.44 | 17.69 | 27.38 |
| 20 | 10800 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.00 | 13.44 | 15.69 | 23.38 | 14.44 | 16.69 | 25.38 | 15.44 | 17.69 | 27.38 | 16.44 | 18.69 | 29.38 |
| 24 | 11200 | 1.13 | 0.63 | 0.63 x 7.00 | 5.00 | 1.25 | 15.69 | 18.19 | 27.38 | 16.69 | 19.19 | 29.38 | 17.69 | 20.19 | 31.38 | 18.69 | 21.19 | 33.38 |

Application:

Model E2300 through E2330 is designed for use on:

- Hot Water
- Cold Water
- Dual Temperature
- Vacuum
- Steam
- Chilled Water
- Gas
- Air

Intended for installation on:

- Vertical runs of insulated pipe with upward and/or downward load.

Other:

- For handling downward loads only, see E1300

Temperature Range:
+40°F to +650°F

Features:

- All pipe sizes
 - Easy Installation
 - Positive stop - axially downward
 - May be supported from below or above
 - Overlapping galvanized sheet metal jacket
 - Insulating structural inserts for load transfer
 - Other I.D.'s and/or O.D.'s Available on Request
 - Eliminates condensation sweating on chilled water risers
- Performance Test Results on File:
 Available upon request

Material Data:

- **E2300 - E2330:** specification document: No. 206.
 - **Steel Inner Thrust Plates:**
- | Model | ASTM | For Pipe Material |
|-------|-----------|-------------------|
| E2300 | A36 | Carbon-Steel |
| E2310 | A387GR.11 | Chrome-Moly |
| E2320 | A515GR.70 | Carbon Silicon |
| E2330 | A304L | Stainless Steel |
- Insulation: Calcium Silicate asbestos-free, treated with water repellent.
 - Jackets: Galvanized Steel ASTM A-527.
 - Glue: Industrial contact adhesive
 - Structural Inserts: High-density calcium silicate asbestos free, treated with water repellent.
 - Steel Straps/Base: Carbon Steel ASTM A-36.
 - Fasteners: ASTM A-307 plated.
 - Coating: Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.

INTRODUCTION

SECTION "G"

PIPE CLAMPS, PIPE GUIDE STRAPS, PIPE GUIDE U-BOLTS

APPLICATION – For installation on standard 1-5/8" width framing channel.

The models listed in the Section Index are selected based upon the following considerations:

FOR USE WITH

Bare Pipe
Copper Tubing
Insulated Pipe Support

PURPOSE

Clamp
Guide

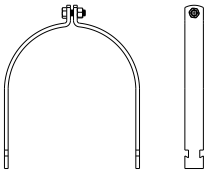
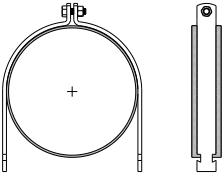
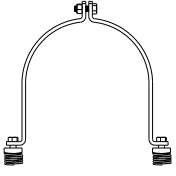
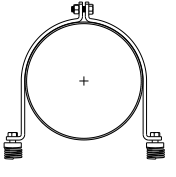
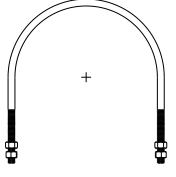
DUTY

Light
Heavy

If your requirements are not covered by the Product Data Sheets in this catalog, please contact us at 713-731-0030 or 1-800-787-5914.

Please acquaint yourself with the Section Index on the page following this introduction for assistance in determining the most appropriate pipe clamp, pipe guide strap, or pipe guide U-bolt for your application

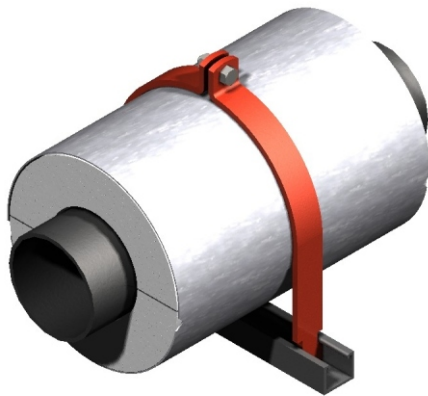
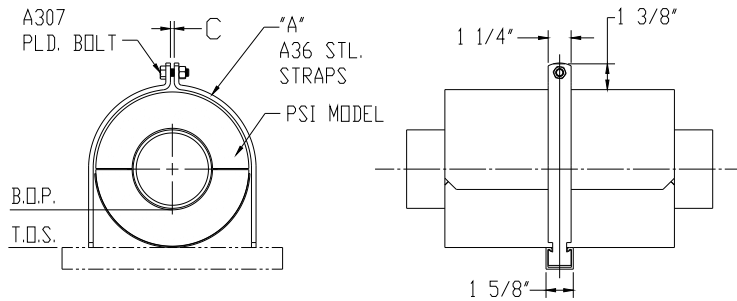
PIPE CLAMPS, PIPE GUIDE STRAPS, PIPE GUIDE U-BOLTS

| MODEL | FOR USE ON | | | PURPOSE | | DUTY |
|---|------------|--------------------|------------------------|---------|-------|-------|
| | BARE PIPE | BARE COPPER TUBING | INSULATED PIPE SUPPORT | CLAMP | GUIDE | |
|  <p>G1000</p> | X | | X | X | | LIGHT |
|  <p>G1200</p> | X | X | | X | | LIGHT |
|  <p>G2000</p> | X | | | X | | HEAVY |
| | | | X | | X | |
|  <p>G2200</p> | X | X | | X | | HEAVY |
|  <p>G3000</p> | X | | X | | X | LIGHT |

TO ORDER, specify:

- | | |
|---|--------|
| 1. Quantity | 20 |
| 2. Pipe Size & Type | 2" IPS |
| 3. Insulation Thickness | 2-1/2" |
| 4. Model Number | G1000 |
| 5. For use on (bare pipe or insulated pipe support model) | A1000 |

EXAMPLE: (20) 2 x 2-1/2 G1000 (For use on A1000)



| Pipe Size | Maximum Lateral Load - Lbs |
|-----------|----------------------------|
| 3/4 | 50 |
| 1 | 50 |
| 1-1/4 | 50 |
| 1-1/2 | 50 |
| 2 | 50 |
| 2-1/2 | 50 |
| 3 | 50 |
| 3-1/2 | 50 |
| 4 | 50 |
| 5 | 50 |
| 6 | 50 |
| 8 | 50 |
| 10 | 50 |
| 12 | 50 |

TABLE I

| Insulation Thicknesses |
|------------------------|
| 0 |
| 1/2 |
| 3/4 |
| 1 |
| 1-1/2 |
| 2 |
| 2-1/2 |
| 3 |
| 3-1/2 |
| 4 |

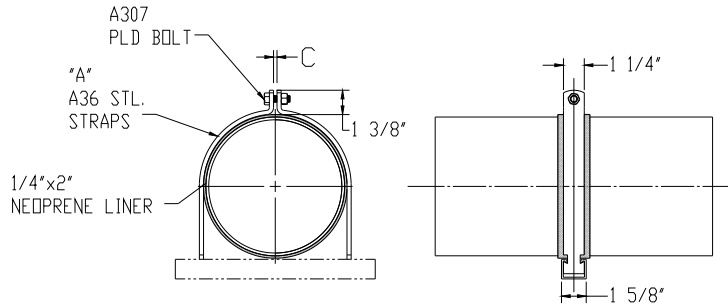
TABLE II

Contact factory for pipe sizes or insulation thicknesses not shown.

Note: For neoprene lined clamps, see: G1200; For bolt-on clamps, see: G2000; For U-bolts, see: G3000

Insulation and Framing Channel sold separately.

| | | |
|---|---|--|
| <p>Application:</p> <p>Model G1000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Chilled Water · Dual Temperature · Steam · Air · Gas · Vacuum <p>Intended for installation on:</p> <ul style="list-style-type: none"> · Standard 1-5/8" width Framing Channels | <p>Features:</p> <ul style="list-style-type: none"> · Easy installation · Rugged · Fits standard 1-5/8" width framing channel · Sized to clamp on O.D. of bare pipe · Sized to clamp on O.D. of insulated pipe support models A1000 through A7400 · Complete with top bolt and nut · Other sizes available on request | <p>Material Data:</p> <ul style="list-style-type: none"> · G1000: Applicable PSI specification document: No. 208. · Steel: Galvanized Steel 11 ga. X 1-1/4 wide ASTM A-527 · Fasteners: ASTM A-307 Plated. <p>Formal Submittal Sheets available.</p> |
|---|---|--|



| Pipe Size | Maximum Lateral Load - Lbs |
|-----------|----------------------------|
| 3/4 | 50 |
| 1 | 50 |
| 1-1/4 | 50 |
| 1-1/2 | 50 |
| 2 | 50 |
| 2-1/2 | 50 |
| 3 | 50 |
| 3-1/2 | 50 |
| 4 | 50 |
| 5 | 50 |
| 6 | 50 |
| 8 | 50 |
| 10 | 50 |
| 12 | 50 |

TABLE I

| Copper Tubing O.D. | Maximum Lateral Load - Lbs |
|--------------------|----------------------------|
| 1-1/8 | 50 |
| 1-3/8 | 50 |
| 1-5/8 | 50 |
| 2-1/8 | 50 |
| 2-5/8 | 50 |
| 3-1/8 | 50 |
| 3-5/8 | 50 |
| 4-1/8 | 50 |

TABLE II

Contact factory for pipe sizes or insulation thicknesses not shown.

Note: For non-lined clamps, see: G1000; For bolt-on clamps, see: G2200; For U-bolts, see: G3200

Framing Channel sold separately.

Application:

Model G1200 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Air
- Gas
- Vacuum

Intended for installation on:

- Standard 1-5/8" width Framing Channels

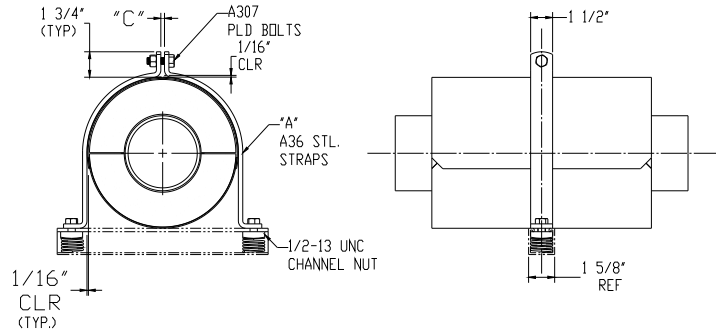
Features:

- Easy installation
- Rugged
- Fits standard 1-5/8" width framing channel
- Sized to clamp on O.D. of bare pipe or bare copper tubing
- Vibration isolator
- Complete with top bolt and nut
- Other sizes available on request
- Neoprene sleeve eliminates galvanic action between clamp, framing channel and copper tubing.

Material Data:

- **G1200:** Applicable PSI specification document: No. 208.
- **Steel:** Galvanized Steel 11 ga. X 1-1/4 wide ASTM A-527
- **Fasteners:** ASTM A-307 Plated.
- **Sleeve :** 1/4" thick X 2" wide closed cell neoprene.

Formal Submittal Sheets available.



| Pipe Size | Maximum Lateral Load - Lbs |
|-----------|----------------------------|
| 3/4 | 200 |
| 1 | 200 |
| 1-1/4 | 200 |
| 1-1/2 | 200 |
| 2 | 400 |
| 2-1/2 | 400 |
| 3 | 400 |
| 3-1/2 | 400 |
| 4 | 400 |
| 5 | 400 |
| 6 | 400 |
| 8 | 400 |
| 10 | 400 |
| 12 | 400 |

TABLE I

| Insulation Thicknesses |
|------------------------|
| 0 |
| 1/2 |
| 3/4 |
| 1 |
| 1-1/2 |
| 2 |
| 2-1/2 |
| 3 |
| 3-1/2 |
| 4 |

TABLE II

Contact factory for pipe sizes or insulation thicknesses not shown.

Note: For neoprene lined straps, see: G2200; For pipe/shield clamps, see: G1000; For U-bolts, see: G3000

Insulation and Framing Channel sold separately.

Application:

Model G2000 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Steam
- Air
- Gas
- Vacuum

Intended for installation on:

- Standard 1-5/8" width Framing Channels

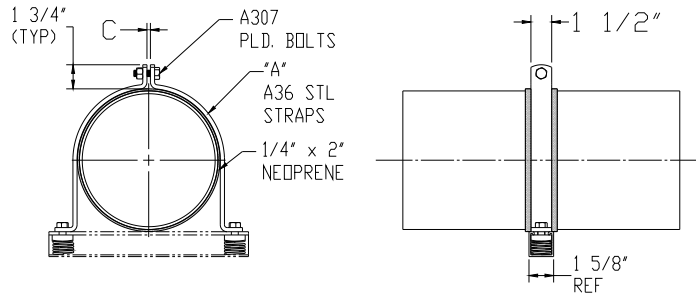
Features:

- Easy installation
- Rugged
- Bolts to standard 1-5/8" width framing channel
- Sized to clamp on O.D. of bare pipe
- Sized to provide approximately 1/16" radial clearance around O.D. of insulated pipe support models A1000 through A7400
- Complete with top bolt and nut plus two (2) tie down bolts and channel nuts with springs
- Other sizes available on request

Material Data:

- **G2000:** Applicable PSI specification document: No. 208.
- **Steel:** ASTM A36 1/4 X 1-1/2
- **Fasteners:** ASTM A-307 Plated.
- **Coating:** Primer coating or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



| Pipe Size | Maximum Lateral Load - Lbs |
|-----------|----------------------------|
| 3/4 | 200 |
| 1 | 200 |
| 1-1/4 | 200 |
| 1-1/2 | 200 |
| 2 | 400 |
| 2-1/2 | 400 |
| 3 | 400 |
| 3-1/2 | 400 |
| 4 | 400 |
| 5 | 400 |
| 6 | 400 |
| 8 | 400 |
| 10 | 400 |
| 12 | 400 |

TABLE I

| Copper Tubing O.D. | Maximum Lateral Load - Lbs |
|--------------------|----------------------------|
| 1-1/8 | 200 |
| 1-3/8 | 200 |
| 1-5/8 | 200 |
| 2-1/8 | 400 |
| 2-5/8 | 400 |
| 3-1/8 | 400 |
| 3-5/8 | 400 |
| 4-1/8 | 400 |

TABLE II

Contact factory for pipe sizes or tube sizes not shown.

Note: For non-lined clamps, see: G2000; For pipe/tubing clamps, see: G2200; For U-bolts, see: G3200

Framing Channel sold separately.

Application:

Model G2200 is designed for use on:

- Hot Water
- Cold Water
- Chilled Water
- Dual Temperature
- Air
- Gas
- Vacuum

Intended for installation on:

- Standard 1-5/8" width Framing Channels

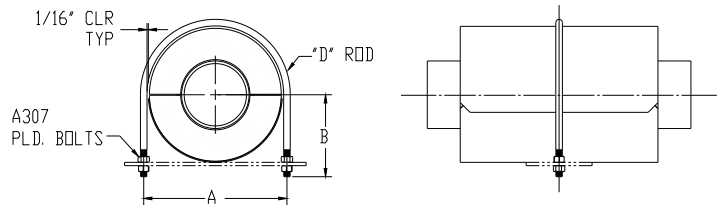
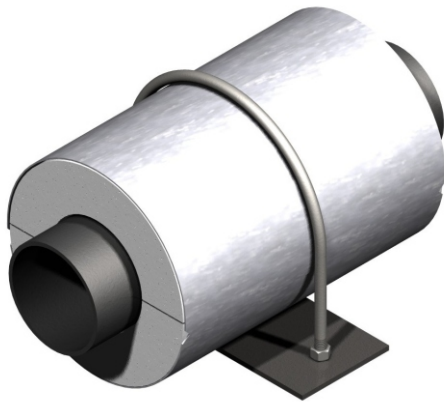
Features:

- Easy installation
- Rugged
- Bolts to standard 1-5/8" width framing channel
- Sized to clamp on O.D. of bare pipe or bare copper tubing.
- Vibration isolator
- Complete with top bolt and nut plus two (2) tie down bolts and channel nuts with springs.
- Other sizes available on request
- Neoprene sleeve eliminates galvanic action between clamp, framing and copper tubing.

Material Data:

- **G2200:** Applicable PSI specification document: No. 208.
- **Steel:** ASTM A36 1/4 X 1-1/2
- **Fasteners:** ASTM A-307 Plated.
- **Sleeve:** 1/4" thick X 2" wide closed cell neoprene.
- **Coating:** Primer coated or hot dipped galvanized. Other coatings available upon request.

Formal Submittal Sheets available.



Insulation and Plate sold separately.

Contact factory for pipe, tube sizes, or insulation thicknesses not shown.

Note: For pipe clamps, see: G1000, G1200, G2000, G2200; For shield clamps, see: G1000; For shield guide straps, see: G2000

| Pipe Size | Maximum Lateral Load-Lbs | Thread | Insulation Thickness | | | | | | | | | | | | | | | | | |
|-----------|--------------------------|--------|----------------------|------|------|------|------|------|------|------|-------|------|------|------|-------|------|-------|------|-------|------|
| | | | BARE | | 1/2 | | 3/4 | | 1 | | 1-1/2 | | 2 | | 2-1/2 | | 3 | | 4 | |
| | | | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 1/2 | 50 | 1/4-20 | 1.25 | 2.75 | 2.5 | 3.38 | 2.88 | 3.63 | 3.38 | 3.88 | 4.5 | 4.38 | 5.5 | 4.88 | 7.13 | 5.88 | 8.13 | 6.25 | 10.13 | 7.25 |
| 3/4 | 50 | 1/4-20 | 1.5 | 3 | 2.5 | 3.38 | 2.88 | 3.63 | 3.38 | 3.88 | 4.5 | 4.38 | 5.5 | 4.88 | 7.13 | 5.88 | 8.13 | 6.25 | 10.13 | 7.25 |
| 1 | 50 | 1/4-20 | 1.75 | 3 | 2.88 | 3.63 | 3.38 | 3.88 | 4 | 4.25 | 5 | 4.63 | 6.25 | 5.25 | 7.13 | 5.88 | 8.13 | 6.25 | 10.13 | 7.25 |
| 1-1/4 | 50 | 3/8-16 | 2.25 | 3.5 | 3.38 | 4.13 | 3.38 | 4.13 | 4.13 | 4.38 | 5.63 | 5.13 | 6.25 | 5.5 | 7.25 | 6 | 8.25 | 6.50 | 10.25 | 7.50 |
| 1-1/2 | 50 | 3/8-16 | 2.5 | 3.63 | 3.5 | 4.13 | 4.13 | 4.38 | 4.63 | 4.63 | 5.63 | 5.13 | 7.25 | 6 | 8.25 | 6.5 | 9.25 | 7.00 | 11.25 | 8.00 |
| 2 | 50 | 3/8-16 | 2.88 | 3.88 | 4.13 | 4.38 | 4.63 | 4.63 | 5.13 | 4.88 | 6.25 | 5.5 | 7.25 | 6 | 8.25 | 6.5 | 9.25 | 7.00 | 11.25 | 8.00 |
| 2-1/2 | 50 | 1/2-13 | 3.5 | 4.38 | 4.88 | 4.88 | 5.38 | 5.13 | 5.88 | 5.38 | 7.5 | 6.25 | 8.5 | 6.75 | 9.5 | 7.25 | 10.50 | 7.75 | 12.50 | 8.75 |
| 3 | 50 | 1/2-13 | 4.13 | 4.63 | 5.38 | 5.13 | 5.88 | 5.38 | 6.38 | 5.63 | 7.5 | 6.25 | 8.5 | 6.75 | 9.5 | 7.25 | 10.50 | 7.75 | 12.50 | 8.75 |
| 3-1/2 | 50 | 1/2-13 | 4.63 | 4.88 | 5.88 | 5.38 | 6.38 | 5.75 | 7.5 | 6.25 | 8.5 | 6.75 | 9.5 | 8.63 | 10.5 | 7.75 | 11.50 | 8.25 | 13.50 | 9.25 |
| 4 | 50 | 1/2-13 | 5.13 | 5.13 | 6.38 | 5.75 | 7.5 | 6.25 | 7.5 | 6.25 | 8.5 | 6.75 | 9.5 | 8.63 | 10.5 | 7.75 | 11.50 | 8.25 | 13.50 | 9.25 |

TABLE I

| | | |
|---|--|---|
| <p>Application:</p> <p>Model G3000 is designed for use on:</p> <ul style="list-style-type: none"> · Hot Water · Cold Water · Chilled Water · Dual Temperature · Steam · Air · Gas · Vacuum | <p>Features:</p> <ul style="list-style-type: none"> · Easy installation · Sized to provide approximately 1/16" to 1/8" radial clearance around O.D. of bare pipe or insulated pipe support models A1000 through A7000 · Complete with 4 hex nuts and 4 plain washers · Other sizes available on request | <p>Material Data:</p> <ul style="list-style-type: none"> · G3000: Applicable PSI specification document: No.208 · Steel: Low carbon threaded rod. · Hex Nuts: ASTM A-563 Gr. A. · Coating: Primer coating or hot dipped galvanized. Other coatings available upon request. <p>Formal Submittal Sheets available</p> |
|---|--|---|