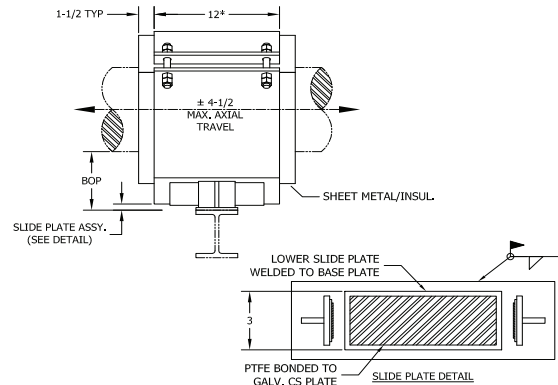
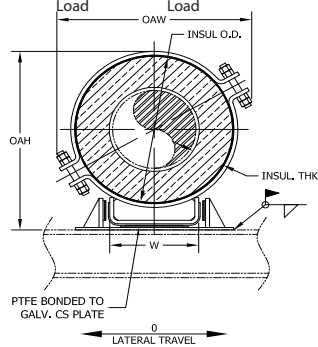
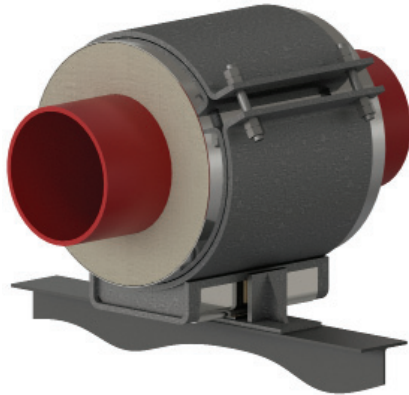


# HG(L)CS - 6 x 1.5 - 4 - 12 - 2550 - 895

NEW DESIGNATION  
EXAMPLE

LEGACY DESIGNATION HG-8100



\* - 18\" for pipe sizes 48 & up.  
All dimensions in inches unless noted.

Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com.

|           |                 |                | INSULATION THICKNESS |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |
|-----------|-----------------|----------------|----------------------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|
| PIPE SIZE | VERT LOAD (Lbs) | LAT LOAD (Lbs) | 1"                   |               |          |          | 1-1/2"   |               |          |          | 2"       |               |          |          | 2-1/2"   |               |          |          | 3"       |               |          |          |
|           |                 |                | BOP (in)             | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) |
|           |                 |                |                      |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |
| 1/2"      | 280             | 140            |                      |               |          |          | 4        | 4             | 7        | 7        | 4        | 5             | 8        | 7.5      | 4        | 6.625         | 9        | 8.5      | 6        | 7.625         | 10       | 11       |
| 3/4"      | 350             | 175            |                      |               |          |          | 4        | 4             | 7        | 7        | 4        | 5             | 8        | 7.5      | 4        | 6.625         | 9        | 8.5      | 6        | 7.625         | 10       | 11       |
| 1"        | 450             | 225            |                      |               |          |          | 4        | 4.5           | 7.5      | 7.5      | 4        | 5.563         | 8        | 8        | 4        | 6.625         | 9        | 8.5      | 6        | 7.625         | 10       | 11       |
| 1-1/2"    | 650             | 325            | 4                    | 4             | 7        | 7.5      | 4        | 5             | 8        | 8        | 4        | 6.625         | 9        | 9        | 4        | 7.625         | 10       | 9.5      | 6        | 8.625         | 11       | 12       |
| 2"        | 750             | 375            | 4                    | 4.5           | 7.5      | 8        | 4        | 5.563         | 8        | 8.5      | 4        | 6.625         | 9        | 9        | 4        | 7.625         | 10       | 9.5      | 6        | 8.625         | 11       | 12       |
| 2-1/2"    | 920             | 460            | 4                    | 5             | 8        | 8.5      | 4        | 6.625         | 9        | 9.5      | 4        | 7.625         | 10       | 10       | 4        | 8.625         | 11       | 10.5     | 6        | 9.625         | 12       | 13       |
| 3"        | 1060            | 530            | 4                    | 5.56          | 8        | 9        | 4        | 6.625         | 9        | 9.5      | 4        | 7.625         | 10       | 10       | 4        | 8.625         | 11       | 10.5     | 6        | 9.625         | 12       | 13       |
| 4"        | 1680            | 840            | 4                    | 6.625         | 9        | 10       | 4        | 7.625         | 10       | 10.5     | 4        | 8.625         | 11       | 11       | 4        | 9.625         | 12       | 11.5     | 6        | 10.75         | 12.5     | 14       |
| 6"        | 2550            | 1275           | 4                    | 8.625         | 12       | 12       | 4        | 9.625         | 12.5     | 12.5     | 4        | 10.75         | 13.5     | 13.5     | 4        | 11.75         | 14.5     | 14       | 6        | 12.75         | 15.5     | 16.5     |
| 8"        | 3400            | 1700           | 4                    | 10.75         | 13.5     | 14.5     | 4        | 11.75         | 14.5     | 15       | 4        | 12.75         | 15.5     | 15.5     | 6        | 14            | 16.5     | 18       | 6        | 15            | 17.5     | 18.5     |
| 10"       | 4000            | 2000           | 4                    | 12.75         | 16.5     | 16.5     | 4        | 14            | 17.5     | 17       | 4        | 15            | 18       | 17.5     | 6        | 16            | 18.5     | 20       | 6        | 17            | 19.5     | 20.5     |
| 12"       | 4400            | 2200           | 4                    | 15            | 18       | 18.5     | 4        | 16            | 18.5     | 19       | 4        | 17            | 19.5     | 19.5     | 6        | 18            | 20       | 22       | 6        | 19            | 20.5     | 22.5     |
| 14"       | 5000            | 2500           | 4                    | 16            | 18.5     | 19.5     | 4        | 17            | 19.5     | 20       | 4        | 18            | 20       | 20.5     | 6        | 19            | 20.5     | 23       | 6        | 20            | 21.5     | 23.5     |
| 16"       | 5800            | 2900           | 4                    | 18            | 20       | 21.5     | 4        | 19            | 21       | 22       | 6        | 20            | 22       | 24.5     | 6        | 21            | 23       | 25       | 6        | 22            | 23.5     | 25.5     |
| 18"       | 6400            | 3200           | 4                    | 20            | 22       | 23.5     | 4        | 21            | 23       | 24       | 6        | 22            | 23.5     | 26.5     | 6        | 23            | 24.5     | 27       | 6        | 24            | 25.5     | 27.5     |
| 20"       | 6800            | 3400           | 4                    | 22            | 23.5     | 25.5     | 4        | 23            | 24.5     | 26       | 6        | 24            | 25.5     | 28.5     | 6        | 25            | 26.5     | 29       | 6        | 26            | 27       | 29.5     |
| 24"       | 7200            | 3600           | 4                    | 26            | 29.5     | 30       | 4        | 27            | 30.5     | 30.5     | 6        | 28            | 31       | 33       | 6        | 29            | 32       | 33.5     | 6        | 30            | 33       | 34       |
| 30"       | 9400            | 4700           | 4                    | 32            | 34.5     | 36       | 6        | 33            | 35.5     | 38.5     | 6        | 34            | 36.5     | 39       | 6        | 35            | 37.5     | 39.5     | 6        | 36            | 38       | 40       |
| 36"       | 11000           | 5500           | 4                    | 38            | 40       | 42       | 6        | 39            | 40.5     | 44.5     | 6        | 40            | 41.5     | 45       | 6        | 41            | 42.5     | 45.5     | 6        | 42            | 43.5     | 46       |
| 42"       | 12400           | 6200           | 4                    | 44            | 45.5     | 48       | 6        | 45            | 46.5     | 50.5     | 6        | 46            | 47.5     | 51       | 6        | 47            | 48.5     | 51.5     | 6        | 48            | 49.5     | 52       |
| 48"       | 14200           | 7100           | 4                    | 50            | 51.5     | 54       | 6        | 51            | 52.5     | 56.5     | 6        | 52            | 53.5     | 57       | 6        | 53            | 54.5     | 57.5     | 6        | 54            | 55.5     | 58       |
| 56"       | 16600           | 8300           | 4                    | 58            | 59.5     | 62       | 6        | 59            | 60.5     | 64.5     | 6        | 60            | 61.5     | 65       | 6        | 61            | 62.5     | 65.5     | 6        | 62            | 63.5     | 66       |
| 60"       | 17800           | 8900           | 4                    | 62            | 63.5     | 66       | 6        | 63            | 64.5     | 68.5     | 6        | 64            | 65.5     | 69       | 6        | 65            | 66.5     | 69.5     | 6        | 66            | 67.5     | 70       |
| 66"       | 19500           | 9750           | 4                    | 68            | 69.5     | 71       | 6        | 69            | 70.5     | 73.5     | 6        | 70            | 71.5     | 74       | 6        | 71            | 72.5     | 74.5     | 6        | 72            | 73.5     | 75       |
| 72"       | 21300           | 10650          | 4                    | 74            | 75.5     | 78       | 6        | 75            | 76.5     | 80.5     | 6        | 76            | 77.5     | 81       | 6        | 77            | 78.5     | 81.5     | 6        | 78            | 79.5     | 82       |

\*W-Dimension is calculated by multiplying (INSULATION OD\*0.65), used only for supports pipe size 6\" and larger

## Applications & Features:

- Accommodates axial travel up to 9\" if shoe is offset from supporting steel
- Temperature range to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized or painted finishes
- Support features calcium silicate insulation with high density calcium silicate structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- Water-resistant calcium silicate
- A307 or A193 B7 Plated bolts/studs
- For special applications or for information on other insulation thicknesses or pipe sizes, please contact us.

## Ordering Instructions:

To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Lateral & Axial Movements

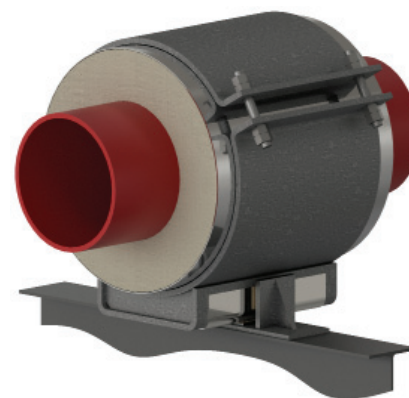
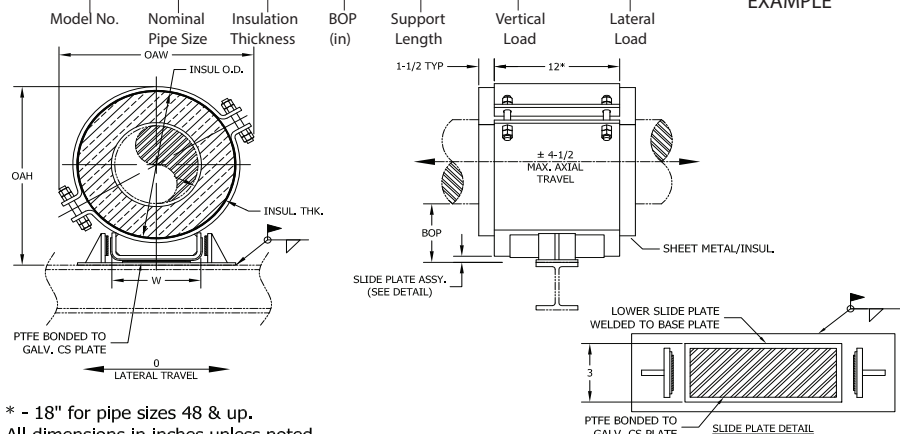
\* See last page of this document for new designation model number construction

\*\* Information presented on this page subject to change without notice.

# HG(L)CS - 6 x 1.5 - 4 - 12 - 2550 - 895

NEW DESIGNATION  
EXAMPLE

LEGACY DESIGNATION HG-8100



\* - 18" for pipe sizes 48 & up.  
All dimensions in inches unless noted.

Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com.

|           |                 |                | INSULATION THICKNESS |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |
|-----------|-----------------|----------------|----------------------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|
| PIPE SIZE | VERT LOAD (lbs) | LAT LOAD (lbs) | 3-1/2"               |               |          |          | 4"       |               |          |          | 4-1/2"   |               |          |          | 5"       |               |          |          | 5-1/2"   |               |          |          |
|           |                 |                | BOP (in)             | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) |
|           |                 |                |                      |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |
| 1/2"      | 280             | 140            | 6                    | 8.625         | 11       | 11.5     | 6        | 9.625         | 12       | 12       | 6        | 10.75         | 12.5     | 12.5     | 8        | 11.75         | 13.5     | 15       | 8        | 12.75         | 14.5     | 15.5     |
| 3/4"      | 350             | 175            | 6                    | 8.625         | 11       | 11.5     | 6        | 9.625         | 12       | 12       | 6        | 10.75         | 12.5     | 12.5     | 8        | 11.75         | 13.5     | 15       | 8        | 12.75         | 14.5     | 15.5     |
| 1"        | 450             | 225            | 6                    | 8.625         | 11       | 11.5     | 6        | 9.625         | 12       | 12       | 6        | 10.75         | 12.5     | 12.5     | 8        | 11.75         | 13.5     | 15       | 8        | 12.75         | 14.5     | 15.5     |
| 1-1/2"    | 650             | 325            | 6                    | 9.625         | 12       | 12.5     | 6        | 10.75         | 12.5     | 13       | 6        | 11.75         | 13.5     | 13.5     | 8        | 12.75         | 14.5     | 16       | 8        | 14            | 15.5     | 16.5     |
| 2"        | 750             | 375            | 6                    | 9.625         | 12       | 12.5     | 6        | 10.75         | 12.5     | 13       | 6        | 11.75         | 13.5     | 13.5     | 8        | 12.75         | 14.5     | 16       | 8        | 14            | 15.5     | 16.5     |
| 2-1/2"    | 920             | 460            | 6                    | 10.75         | 12.5     | 13.5     | 6        | 11.75         | 13.5     | 14       | 6        | 12.75         | 14.5     | 14.5     | 8        | 14            | 15.5     | 17       | 8        | 15            | 16.5     | 17.5     |
| 3"        | 1060            | 530            | 6                    | 10.75         | 12.5     | 13.5     | 6        | 11.75         | 13.5     | 14       | 6        | 12.75         | 14.5     | 14.5     | 8        | 14            | 15.5     | 17.5     | 8        | 15            | 16.5     | 18       |
| 4"        | 1680            | 840            | 6                    | 11.75         | 13.5     | 14.5     | 6        | 12.75         | 14.5     | 15       | 6        | 14            | 15.5     | 16       | 8        | 15            | 16.5     | 18.5     | 8        | 16            | 17.5     | 19       |
| 6"        | 2550            | 1275           | 6                    | 14            | 16.5     | 17       | 6        | 15            | 17.5     | 17.5     | 6        | 16            | 18       | 18       | 8        | 17            | 19       | 20.5     | 8        | 18            | 20       | 21       |
| 8"        | 3400            | 1700           | 6                    | 16            | 18       | 19       | 6        | 17            | 19       | 19.5     | 8        | 18            | 20       | 22       | 8        | 19            | 20.5     | 22.5     | 8        | 20            | 21.5     | 23       |
| 10"       | 4000            | 2000           | 6                    | 18            | 20       | 21       | 6        | 19            | 20.5     | 21.5     | 8        | 20            | 21.5     | 24       | 8        | 21            | 22.5     | 24.5     | 8        | 22            | 23.5     | 25       |
| 12"       | 4400            | 2200           | 6                    | 20            | 21.5     | 23       | 6        | 21            | 22.5     | 23.5     | 8        | 22            | 23.5     | 26       | 8        | 23            | 24       | 26.5     | 8        | 24            | 25       | 27       |
| 14"       | 5000            | 2500           | 6                    | 21            | 22.5     | 24       | 6        | 22            | 23.5     | 24.5     | 8        | 23            | 24       | 27       | 8        | 24            | 25       | 27.5     | 8        | 25            | 26       | 28       |
| 16"       | 5800            | 2900           | 6                    | 23            | 24.5     | 26       | 8        | 24            | 25.5     | 28.5     | 8        | 25            | 26.5     | 29       | 8        | 26            | 27       | 29.5     | 8        | 27            | 28       | 30       |
| 18"       | 6400            | 3200           | 6                    | 25            | 26.5     | 28       | 8        | 26            | 27       | 30.5     | 8        | 27            | 28       | 31       | 8        | 28            | 29       | 31.5     | 8        | 29            | 30       | 32       |
| 20"       | 6800            | 3400           | 6                    | 27            | 28       | 30       | 8        | 28            | 29       | 32.5     | 8        | 29            | 30       | 33       | 8        | 30            | 31       | 33.5     | 8        | 31            | 32       | 34       |
| 24"       | 7200            | 3600           | 6                    | 31            | 34       | 34.5     | 8        | 32            | 34.5     | 37       | 8        | 33            | 35.5     | 37.5     | 8        | 34            | 36.5     | 38       | 8        | 35            | 37.5     | 38.5     |
| 30"       | 9400            | 4700           | 8                    | 37            | 39       | 42.5     | 8        | 38            | 40       | 43       | 8        | 39            | 40.5     | 43.5     | 8        | 40            | 41.5     | 44       | 10       | 41            | 42.5     | 46.5     |
| 36"       | 11000           | 5500           | 8                    | 43            | 44.5     | 48.5     | 8        | 44            | 45.5     | 49       | 8        | 45            | 46.5     | 49.5     | 8        | 46            | 47.5     | 50       | 10       | 47            | 48.5     | 52.5     |
| 42"       | 12400           | 6200           | 8                    | 49            | 50.5     | 54.5     | 8        | 50            | 51.5     | 55       | 8        | 51            | 52.5     | 55.5     | 8        | 52            | 53.5     | 56       | 10       | 53            | 54.5     | 58.5     |
| 48"       | 14200           | 7100           | 8                    | 55            | 56.5     | 60.5     | 8        | 56            | 57.5     | 61       | 8        | 57            | 58.5     | 61.5     | 8        | 58            | 59.5     | 62       | 10       | 59            | 60.5     | 64.5     |
| 56"       | 16600           | 8300           | 8                    | 63            | 64.5     | 68.5     | 8        | 64            | 65.5     | 69       | 8        | 65            | 66.5     | 69.5     | 8        | 66            | 67.5     | 70       | 10       | 67            | 68.5     | 72.5     |
| 60"       | 17800           | 8900           | 8                    | 67            | 68.5     | 72.5     | 8        | 68            | 69.5     | 73       | 8        | 69            | 70.5     | 73.5     | 8        | 70            | 71.5     | 74       | 10       | 71            | 72.5     | 76.5     |
| 66"       | 19500           | 9750           | 8                    | 73            | 74.5     | 77.5     | 8        | 74            | 75.5     | 78       | 8        | 75            | 76.5     | 78.5     | 8        | 76            | 77.5     | 79       | 10       | 77            | 78.5     | 81.5     |
| 72"       | 21300           | 10650          | 8                    | 79            | 80.5     | 84.5     | 8        | 80            | 81.5     | 85       | 8        | 81            | 82.5     | 85.5     | 8        | 82            | 83.5     | 86       | 10       | 83            | 84.5     | 88.5     |

\*W-Dimension is calculated by multiplying (INSULATION OD\*0.65), used only for supports pipe size 6" and larger

## Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized or painted finishes
- Support features calcium silicate insulation with high density calcium silicate structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- Water-resistant calcium silicate
- A307 or A193 B7 Plated bolts/studs
- For special applications or for information on other insulation thicknesses or pipe sizes, please contact us.

## Ordering Instructions:

To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Lateral & Axial Movements

\* See last page of this document for new designation model number construction

\*\* Information presented on this page subject to change without notice.



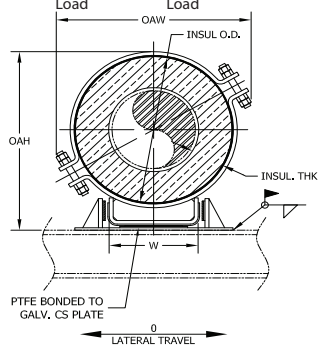
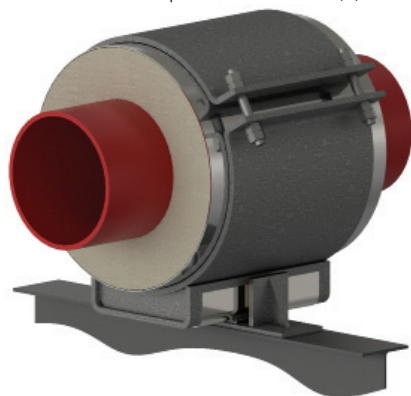
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# HG(L)CS - 6 x 1.5 - 4 - 12 - 2550 - 895

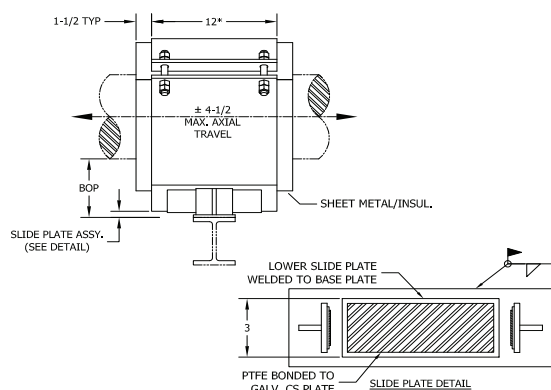
NEW DESIGNATION  
EXAMPLE

LEGACY DESIGNATION **HG-8100**

Model No. Nominal Pipe Size Insulation Thickness BOP (in) Support Length



\* - 18" for pipe sizes 48 & up.  
All dimensions in inches unless noted.



**Do you need special loads or dimensions for this design? Please contact us at (713) 466-4777 or sales@rilco.com.**

| PIPE SIZE | VERT LOAD (lbs) | LAT LOAD (lbs) | INSULATION THICKNESS |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |          |               |          |          |
|-----------|-----------------|----------------|----------------------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|----------|---------------|----------|----------|
|           |                 |                | 6"                   |               |          |          | 6-1/2"   |               |          |          | 7"       |               |          |          | 7-1/2"   |               |          |          | 8"       |               |          |          |
|           |                 |                | BOP (in)             | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) | BOP (in) | INSUL OD (in) | OAW (in) | OAH (in) |
| 1/2"      | 280             | 140            | 8                    | 14            | 15.5     | 16       | 8        | 15            | 16.5     | 16.5     | 10       | 16            | 17.5     | 19       | 10       | 17            | 18       | 19.5     | 10       | 18            | 19       | 20       |
| 3/4"      | 350             | 175            | 8                    | 14            | 15.5     | 16       | 8        | 15            | 16.5     | 16.5     | 10       | 16            | 17.5     | 19       | 10       | 17            | 18       | 19.5     | 10       | 18            | 19       | 20       |
| 1"        | 450             | 225            | 8                    | 14            | 15.5     | 16       | 8        | 15            | 16.5     | 16.5     | 10       | 16            | 17.5     | 19       | 10       | 17            | 18       | 19.5     | 10       | 18            | 19       | 20       |
| 1-1/2"    | 650             | 325            | 8                    | 15            | 16.5     | 17       | 8        | 16            | 17.5     | 17.5     | 10       | 17            | 18       | 20       | 10       | 18            | 19       | 20.5     | 10       | 19            | 20       | 21       |
| 2"        | 750             | 375            | 8                    | 15            | 16.5     | 17       | 8        | 16            | 17.5     | 17.5     | 10       | 17            | 18       | 20       | 10       | 18            | 19       | 20.5     | 10       | 19            | 20       | 21       |
| 2-1/2"    | 920             | 460            | 8                    | 16            | 17.5     | 18       | 8        | 17            | 18       | 18.5     | 10       | 18            | 19       | 21       | 10       | 19            | 20       | 21.5     | 10       | 20            | 20.5     | 22       |
| 3"        | 1060            | 530            | 8                    | 16            | 17.5     | 18.5     | 8        | 17            | 18       | 19       | 10       | 18            | 19       | 21.5     | 10       | 19            | 20       | 22       | 10       | 20            | 20.5     | 22.5     |
| 4"        | 1680            | 840            | 8                    | 17            | 18       | 19.5     | 8        | 18            | 19       | 20       | 10       | 19            | 20       | 22.5     | 10       | 20            | 20.5     | 23       | 10       | 21            | 21.5     | 23.5     |
| 6"        | 2550            | 1275           | 8                    | 19            | 20.5     | 21.5     | 8        | 20            | 21.5     | 22       | 10       | 21            | 22.5     | 24.5     | 10       | 22            | 23.5     | 25       | 10       | 23            | 24       | 25.5     |
| 8"        | 3400            | 1700           | 8                    | 21            | 22.5     | 23.5     | 10       | 22            | 23.5     | 26       | 10       | 23            | 24       | 26.5     | 10       | 24            | 25       | 27       | 10       | 25            | 26       | 27.5     |
| 10"       | 4000            | 2000           | 8                    | 23            | 24       | 25.5     | 10       | 24            | 25       | 28       | 10       | 25            | 26       | 28.5     | 10       | 26            | 27       | 29       | 10       | 27            | 28       | 29.5     |
| 12"       | 4400            | 2200           | 8                    | 25            | 26       | 27.5     | 10       | 26            | 27       | 30       | 10       | 27            | 28       | 30.5     | 10       | 28            | 29       | 31       | 10       | 29            | 30       | 31.5     |
| 14"       | 5000            | 2500           | 8                    | 26            | 27       | 28.5     | 10       | 27            | 28       | 31       | 10       | 28            | 29       | 31.5     | 10       | 29            | 30       | 32       | 10       | 30            | 31       | 32.5     |
| 16"       | 5800            | 2900           | 10                   | 28            | 29       | 32.5     | 10       | 29            | 30       | 33       | 10       | 30            | 31       | 33.5     | 10       | 31            | 32       | 34       | 12       | 32            | 33       | 36.5     |
| 18"       | 6400            | 3200           | 10                   | 30            | 31       | 34.5     | 10       | 31            | 32       | 35       | 10       | 32            | 33       | 35.5     | 10       | 33            | 34       | 36       | 12       | 34            | 35       | 38.5     |
| 20"       | 6800            | 3400           | 10                   | 32            | 33       | 36.5     | 10       | 33            | 34       | 37       | 10       | 34            | 35       | 37.5     | 10       | 35            | 36       | 38       | 12       | 36            | 37       | 40.5     |
| 24"       | 7200            | 3600           | 10                   | 36            | 38       | 41       | 10       | 37            | 39       | 41.5     | 10       | 38            | 40       | 42       | 10       | 39            | 40.5     | 42.5     | 12       | 40            | 41.5     | 45       |
| 30"       | 9400            | 4700           | 10                   | 42            | 43.5     | 47       | 10       | 43            | 44.5     | 47.5     | 10       | 44            | 45.5     | 48       | 12       | 45            | 46.5     | 50.5     | 12       | 46            | 47.5     | 51       |
| 36"       | 11000           | 5500           | 10                   | 48            | 49.5     | 53       | 10       | 49            | 50.5     | 53.5     | 10       | 50            | 51.5     | 54       | 12       | 51            | 52.5     | 56.5     | 12       | 52            | 53.5     | 57       |
| 42"       | 12400           | 6200           | 10                   | 54            | 55.5     | 59       | 10       | 55            | 56.5     | 59.5     | 10       | 56            | 57.5     | 60       | 12       | 57            | 58.5     | 62.5     | 12       | 58            | 59.5     | 63       |
| 48"       | 14200           | 7100           | 10                   | 60            | 61.5     | 65       | 10       | 61            | 62.5     | 65.5     | 10       | 62            | 63.5     | 66       | 12       | 63            | 64.5     | 68.5     | 12       | 64            | 65.5     | 69       |
| 56"       | 16600           | 8300           | 10                   | 68            | 69.5     | 73       | 10       | 69            | 70.5     | 73.5     | 10       | 70            | 71.5     | 74       | 12       | 71            | 72.5     | 76.5     | 12       | 72            | 73.5     | 77       |
| 60"       | 17800           | 8900           | 10                   | 72            | 73.5     | 77       | 10       | 73            | 74.5     | 77.5     | 10       | 74            | 75.5     | 78       | 12       | 75            | 76.5     | 80.5     | 12       | 76            | 77.5     | 81       |
| 66"       | 19500           | 9750           | 10                   | 78            | 79.5     | 82       | 10       | 79            | 80.5     | 82.5     | 10       | 80            | 81.5     | 83       | 12       | 81            | 82.5     | 85.5     | 12       | 82            | 83.5     | 86       |
| 72"       | 21300           | 10650          | 10                   | 84            | 85.5     | 89       | 10       | 85            | 86.5     | 89.5     | 10       | 86            | 87.5     | 90       | 12       | 87            | 88.5     | 92.5     | 12       | 88            | 89.5     | 93       |

\*W-Dimension is calculated by multiplying (INSULATION OD\*0.65), used only for supports pipe size 6" and larger

## Applications & Features:

- Accommodates axial travel up to 9" if shoe is offset from supporting steel
- Temperature range to 1200 Deg F
- Higher temperature applications available
- Teflon®/2B SS 304 slide plates on shoe and supporting steel
- Design loads based on a safety factor of 5
- A36 Steel construction
- See technical specification RHS-850
- Test results available upon request
- Steel finish available in galvanized or painted finishes
- Support features calcium silicate insulation with high density calcium silicate structural inserts
- Support constructed in accordance with ASME B31.1, B31.3 and MSS-SP58
- Water-resistant calcium silicate
- A307 or A193 B7 Plated bolts/studs
- For special applications or for information on other insulation thicknesses or pipe sizes, please contact us.

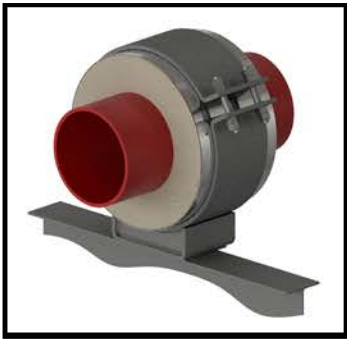
## Ordering Instructions:

To Order, Please Specify:

- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Lateral & Axial Movements

\* See last page of this document for new designation model number construction

\*\* Information presented on this page subject to change without notice.



# HSCS - 6x3-4-18-3500-1200-2000

## TEMPERATURE CLASSIFICATION

HOT (H) - (typical range 0°F to 1200°F)

COLD (C) - (typical range -450°F to 200°F)

DUAL TEMP (D) - (typical range -450°F to 1200°F)

## FUNCTION

**SLIDE** (S) (for vertically restrained pipe)  
i.e. HSCS-3x1.5-4-12-2100

- **SLIDE** (H) (for vertically restrained pipe, high lateral travel)  
i.e. HS(H)CS-1x1.5-4-6-225-80

**GUIDE** (G) (for vertically and laterally restrained pipe)  
i.e. HGCS-6x1.5-4-6-1275-450

- **GUIDE** (L) (for vertically and laterally restrained pipe, allows uplift of piping)  
i.e. HG(L)CS-1x1.5-4-6-225-80

- **GUIDE** (M) (for vertically and laterally restrained pipe, guided at cradle)  
i.e. HG(M)CS-1x1.5-4-6-225-80

**ANCHOR** (A) (for vertically, laterally and axially restrained pipe)  
i.e. HACS-4x1.5-4-6-840-295-1730

**HANGING** (H) (for vertically restrained pipe)  
i.e. HHCS-3x1.5-4-12-2100

**RISER** (V) (for vertically restrained pipe)  
i.e. HVCS-3x1.5-4-12-2100

**FLAT** (F) (for vertically restrained pipe)  
i.e. HFCS-3x1.5-4-12-2100

**ROLLER** (R) (for vertically restrained pipe)  
i.e. HRCS-3x1.5-4-12-2100

## INSULATION TYPE

Calcium Silicate (CS)

PyroWrap (PW) (Aspen Aerogels Pyrogel® XT-E)

Polyurethane Foam (PF)

FOAMGLAS® (FG)

CryoWrap (CW) (Aspen Aerogels Cryogel® Z)

AXIAL LOAD (lbs)

LATERAL LOAD (lbs)

VERTICAL LOAD (lbs)

STEEL LENGTH (in)

BOP (in)

INSULATION THICKNESS (in)

PIPE SIZE (in)