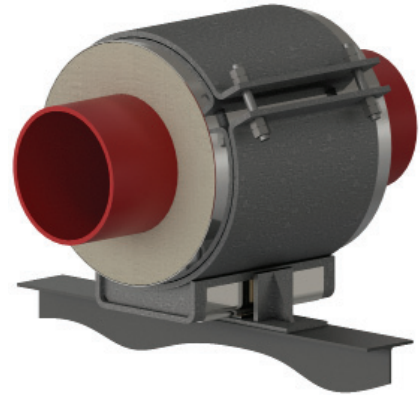
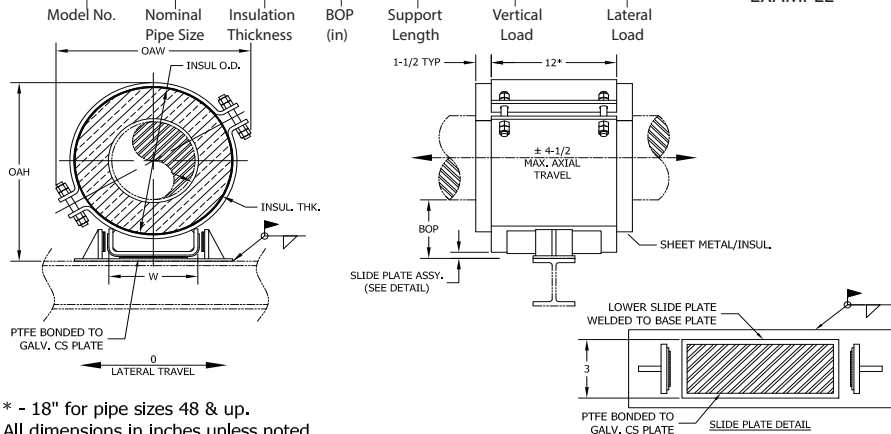


HG(L)CS - 1 x 1.5 - 4 - 12 - 650 - 230

NEW DESIGNATION
EXAMPLE

LEGACY DESIGNATION HG-8200



* - 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																			
			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"	400	200					4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
3/4"	500	250					4	4	7	7	4	5	8	7.5	4	6.625	9	8.5	6	7.625	10	11
1"	650	325					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"	950	475	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"	1100	550	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"	1350	675	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"	1600	800	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"	2500	1250	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"	3800	1900	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"	5100	2550	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"	6000	3000	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"	6600	3300	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"	7500	3750	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"	8700	4350	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"	9600	4800	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"	10200	5100	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"	10800	5400	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"	14100	7050	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"	16500	8250	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"	18600	9300	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"	21300	10650	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"	24800	12400	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"	26600	13300	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"	29300	14650	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"	31900	15950	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 S5 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.

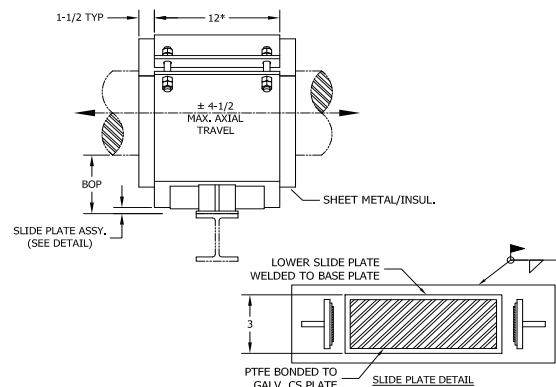
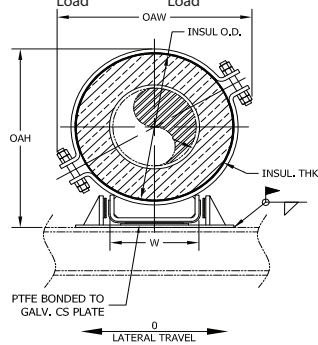
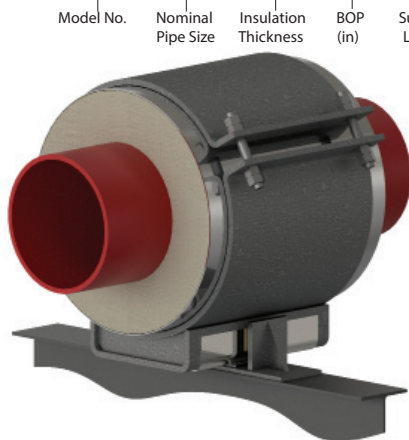


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HG(L)CS - 1 x 1.5 - 4 - 12 - 650 - 230

NEW DESIGNATION
EXAMPLE

LEGACY DESIGNATION HG-8200



* - 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"	400	200	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"	500	250	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"	650	325	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"	950	475	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"	1100	550	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"	1350	675	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"	1600	800	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"	2500	1250	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"	3800	1900	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"	5100	2550	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"	6000	3000	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"	6600	3300	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"	7500	3750	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"	8700	4350	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"	9600	4800	6	25	26.5	28	8	26	27	30.5	8	27	28	31	8	28	29	31.5	8	29	30	32
20"	10200	5100	6	27	28	30	8	28	29	32.5	8	29	30	33	8	30	31	33.5	8	31	32	34
24"	10800	5400	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"	14100	7050	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"	16500	8250	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"	18600	9300	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"	21300	10650	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"	24800	12400	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"	26600	13300	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"	29300	14650	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"	31900	15950	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
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- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Lateral & Axial Movements

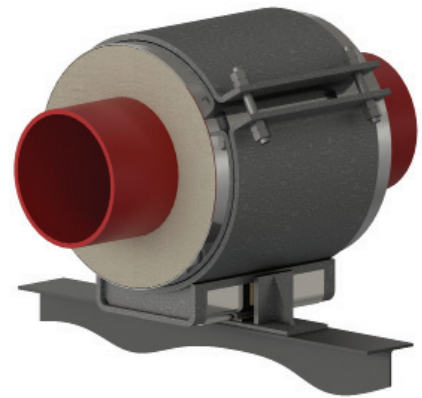
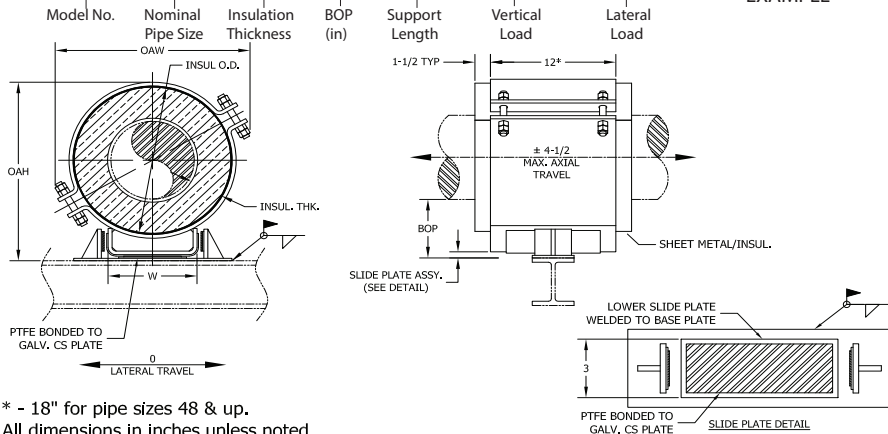
* See last page of this document for new designation model number construction

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

HG(L)CS - 1 x 1.5 - 4 - 12 - 650 - 230

NEW DESIGNATION
EXAMPLE

LEGACY DESIGNATION HG-8200



* - 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)	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"	400	200	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"	500	250	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"	650	325	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"	950	475	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"	1100	550	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"	1350	675	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"	1600	800	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"	2500	1250	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"	3800	1900	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"	5100	2550	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"	6000	3000	8	23	24	25.5	10	24	25	28	10	25	26	28.5	10	26	27	29	10	27	28	29.5
12"	6600	3300	8	25	26	27.5	10	26	27	30	10	27	28	30.5	10	28	29	31	10	29	30	31.5
14"	7500	3750	8	26	27	28.5	10	27	28	31	10	28	29	31.5	10	29	30	32	10	30	31	32.5
16"	8700	4350	10	28	29	32.5	10	29	30	33	10	30	31	33.5	10	31	32	34	12	32	33	36.5
18"	9600	4800	10	30	31	34.5	10	31	32	35	10	32	33	35.5	10	33	34	36	12	34	35	38.5
20"	10200	5100	10	32	33	36.5	10	33	34	37	10	34	35	37.5	10	35	36	38	12	36	37	40.5
24"	10800	5400	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"	14100	7050	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"	16500	8250	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"	18600	9300	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"	21300	10650	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"	24800	12400	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"	26600	13300	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"	29300	14650	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"	31900	15950	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:

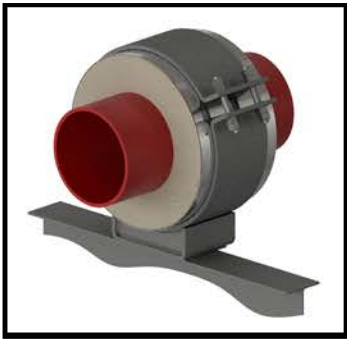
- Model Number
- Nominal Pipe Size
- Insulation Thickness
- BOP
- Support Length
- Vertical Load
- Lateral & Axial Movements

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

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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)