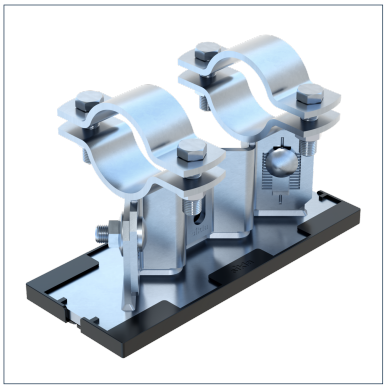
# Pipe Shoe LC-HV 90 HCP



## General Information

Height-adjustable, double-clamp pipe shoe with a delivery height of 90 mm. Height adjustment in steps of 2.5 mm. Particularly suitable for sliding pipe supports on suitable surfaces. When resting on steel beams, a minimum flange width of 80 mm is recommended. Guide or fixed points can also be created in combination with other Sikla components.

## Installation

| Type | Height H as delivered [mm] | Height H Range [mm] |
|---|---|---|
| HV 90 | 90 | 88,5 - 113,5 |

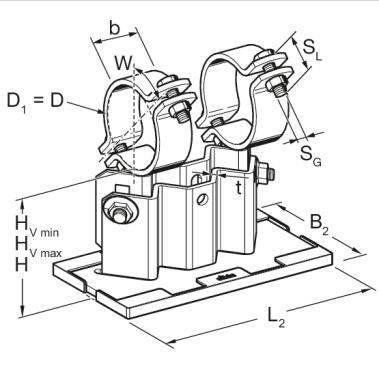


Tightening torque screw connections

| Clamping bolts | Tightening torque [Nm] | Height adjustment | Tightening torque [Nm] |
|---|---|---|---|
| DN 15 - 40 | 40 | Bolts in the bar | 80 |
| DN 50 - 200 | 50 | Bolts in the bar | 80 |
| DN 250 - 300 | 60 | Bolts in the bar | 80 |

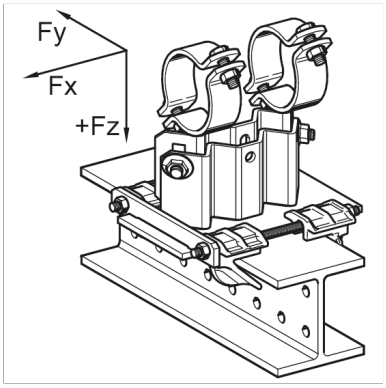
## Temperature

| | |
|---|---|
| Max. temperature | 300 °C |
| Min. temperature | -20 °C |
| Max. temperature sliding element | 130 °C |
| Min. temperature sliding element | -20 °C |




## Mechanical Properties

| | |
|---|---|
| Pipe shoe static coefficient of friction u (without sliding plate) - siFramo and siMotec | 0,3 |



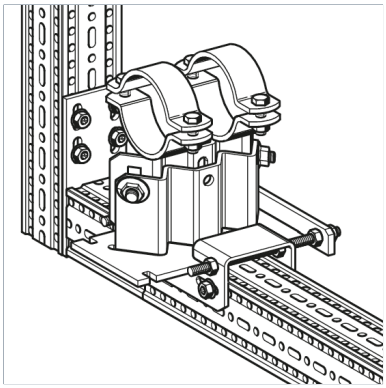

## Material Properties

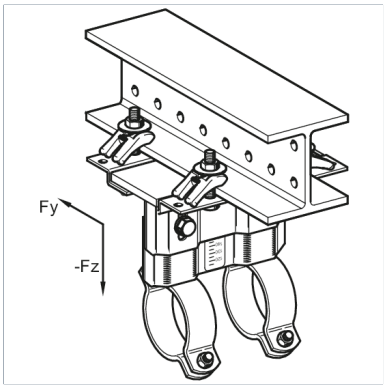
| | |
|---|---|
| Halogen-free | 0 |
| UV-resistant | 0 |

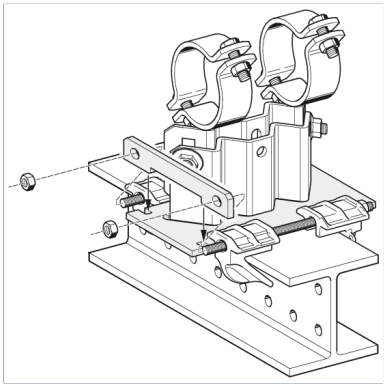
## Material

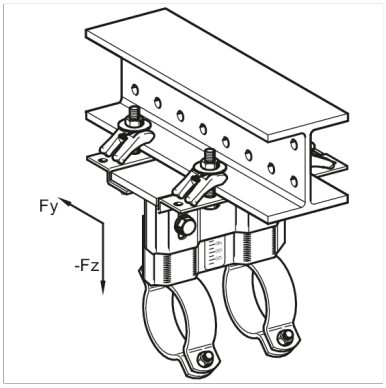
| | |
|---|---|
| Primary element material | steel |
| Sliding element material | PA 6.0 |
| Surface finish | HCP |

# Pipe Shoe LC-HV 90 HCP








| | |
|---|---|
| Corrosion protection class | C4 |

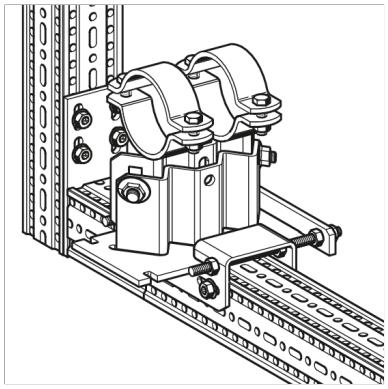
### Additional information

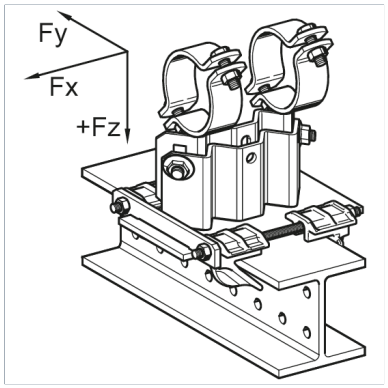
Also available with DualShield for high corrosion protection within C5H environments. Minimum quantities must be observed for pipe shoes outside the DN range. In addition, delivery times apply for these items on request.

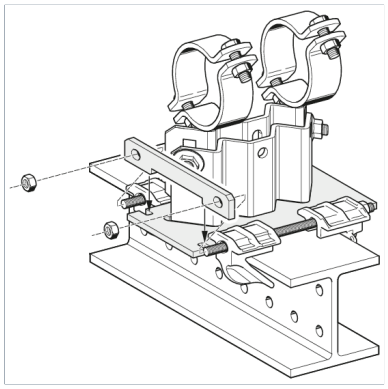
### Types

| Type | Size min. | Size max. | DN | Weight | Quantity | Part number |
|---|---|---|---|---|---|---|
| LC-HV 90 18-22 (DN 15) HCP | 18.00 mm | 22.00 mm | DN 15 (1/2") | 3.480 kg/ pcs. | 1 pcs. | 112392 |
| LC-HV 90 23-27 (DN 20) HCP | 23.00 mm | 27.00 mm | DN 20 (3/4") | 3.520 kg/ pcs. | 1 pcs. | 112393 |
| LC-HV 90 30-34 (DN 25) HCP | 30.00 mm | 34.00 mm | DN 25 (1") | 3.600 kg/ pcs. | 1 pcs. | 110062 |
| LC-HV 90 40-44 (DN 32) HCP | 40.00 mm | 44.00 mm | DN 32 (1 1/4") | 3.700 kg/ pcs. | 1 pcs. | 110063 |
| LC-HV 90 45-49 (DN 40) HCP | 45.00 mm | 49.00 mm | DN 40 (1 1/2") | 3.700 kg/ pcs. | 1 pcs. | 110064 |
| LC-HV 90 57-61 (DN 50) HCP | 57.00 mm | 61.00 mm | DN 50 (2") | 4.100 kg/ pcs. | 1 pcs. | 110065 |
| LC-HV 90 72-77 (DN 65) HCP | 72.00 mm | 77.00 mm | DN 65 (2 1/2") | 4.300 kg/ pcs. | 1 pcs. | 110066 |
| LC-HV 90 84-89 (DN 80) HCP | 84.00 mm | 89.00 mm | DN 80 (3") | 4.400 kg/ pcs. | 1 pcs. | 110067 |
| LC-HV 90 109-115 (DN 100) HCP | 109.00 mm | 115.00 mm | DN 100 (4") | 5.060 kg/ pcs. | 1 pcs. | 110068 |
| LC-HV 90 134-140 (DN 125) HCP | 134.00 mm | 140.00 mm | DN 125 (5") | 5.400 kg/ pcs. | 1 pcs. | 110069 |
| LC-HV 90 157-163 | 157.00 mm | 163.00 mm | | 5.617 kg/ pcs. | 1 pcs. | 801734 |
| LC-HV 90 163-169 (DN 150) HCP | 163.00 mm | 169.00 mm | DN 150 (6") | 7.090 kg/ pcs. | 1 pcs. | 110070 |
| LC-HV 90 215-221 (DN 200) HCP | 215.00 mm | 221.00 mm | DN 200 (8") | 8.300 kg/ pcs. | 1 pcs. | 110071 |
| LC-HV 90 222-229 | 222.00 mm | 229.00 mm | | 8.393 kg/ pcs. | 1 pcs. | 801742 |
| LC-HV 90 266-273 (DN 250) HCP | 266.00 mm | 273.00 mm | DN 250 (10") | 9.160 kg/ pcs. | 1 pcs. | 110072 |
| LC-HV 90 274-282 | 274.00 mm | 282.00 mm | | 11.203 kg/ pcs. | 1 pcs. | 801748 |
| LC-HV 90 310-317 | 310.00 mm | 317.00 mm | | 12.027 kg/ pcs. | 1 pcs. | 801752 |

# Pipe Shoe LC-HV 90 HCP





| Type | Size min. | Size max. | DN | Weight | Quantity | Part number |
|---|---|---|---|---|---|---|
| LC-HV 90 317-324 (DN 300) HCP | 317.00 mm | 324.00 mm | DN 300 (12") | 12.000 kg/ pcs. | 1 pcs. | 110073 |

**Dimensions**

| Type | b | B2 | D | D1 | H | HV min | HV max | L2 | SG | SL | t | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LC-HV 90 18-22 (DN 15) HCP | 30 mm | 105 mm | 22 mm | 22 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M10 | 40 mm | 5 mm | 90° |
| LC-HV 90 23-27 (DN 20) HCP | 30 mm | 105 mm | 27 mm | 27 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M10 | 40 mm | 5 mm | 90° |
| LC-HV 90 30-34 (DN 25) HCP | 30 mm | 105 mm | 34 mm | 34 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M10 | 40 mm | 5 mm | 90° |
| LC-HV 90 40-44 (DN 32) HCP | 30 mm | 105 mm | 44 mm | 44 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M10 | 40 mm | 5 mm | 90° |
| LC-HV 90 45-49 (DN 40) HCP | 30 mm | 105 mm | 49 mm | 49 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M10 | 40 mm | 5 mm | 90° |
| LC-HV 90 57-61 (DN 50) HCP | 40 mm | 105 mm | 61 mm | 61 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 45 mm | 5 mm | 90° |
| LC-HV 90 72-77 (DN 65) HCP | 40 mm | 105 mm | 77 mm | 77 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 45 mm | 5 mm | 90° |
| LC-HV 90 84-89 (DN 80) HCP | 40 mm | 105 mm | 89 mm | 89 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 45 mm | 5 mm | 90° |
| LC-HV 90 109-115 (DN 100) HCP | 50 mm | 105 mm | 115 mm | 115 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 50 mm | 5 mm | 45° |
| LC-HV 90 134-140 (DN 125) HCP | 50 mm | 105 mm | 140 mm | 140 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 50 mm | 5 mm | 45° |
| LC-HV 90 157-163 | 50 mm | 105 mm | 163 mm | 163 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 50 mm | 5 mm | 45° |
| LC-HV 90 163-169 (DN 150) HCP | 50 mm | 105 mm | 169 mm | 169 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 55 mm | 5 mm | 45° |
| LC-HV 90 215-221 (DN 200) HCP | 50 mm | 105 mm | 221 mm | 221 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 55 mm | 5 mm | 45° |
| LC-HV 90 222-229 | 50 mm | 105 mm | 229 mm | 229 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 55 mm | 5 mm | 45° |
| LC-HV 90 266-273 (DN 250) HCP | 50 mm | 105 mm | 273 mm | 273 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M12 | 55 mm | 5 mm | 45° |
| LC-HV 90 274-282 | 60 mm | 105 mm | 282 mm | 282 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M16 | 60 mm | 5 mm | 45° |
| LC-HV 90 310-317 | 60 mm | 105 mm | 317 mm | 317 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M16 | 60 mm | 5 mm | 45° |

# Pipe Shoe LC-HV 90 HCP

| Type | b | B2 | D | D1 | H | HV min | HV max | L2 | SG | SL | t | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LC-HV 90 317-324 (DN 300) HCP | 60 mm | 105 mm | 324 mm | 324 mm | 90 mm | 88.5 mm | 113.5 mm | 255.6 mm | M16 | 60 mm | 5 mm | 45° |

## Certification

## Documents

Sikla Pipe Supports - Comprehensive Solutions for Secure and Efficient Installations

Load Capacities for Pipe Supports LC HV - Sikla Technical Data