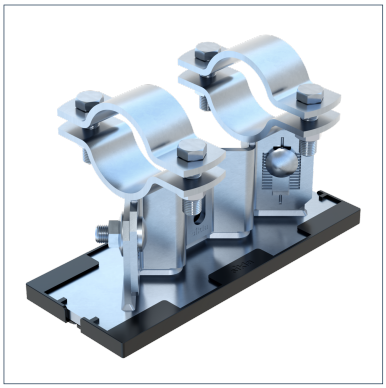
Pipe Shoe LC-HV 90 HCP



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

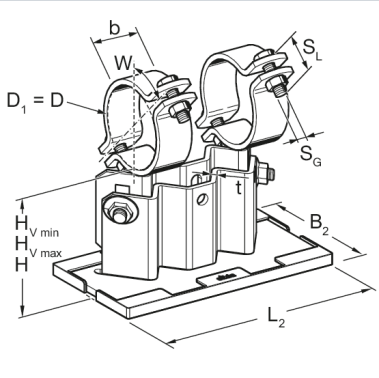


Tightening torque screw connections

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

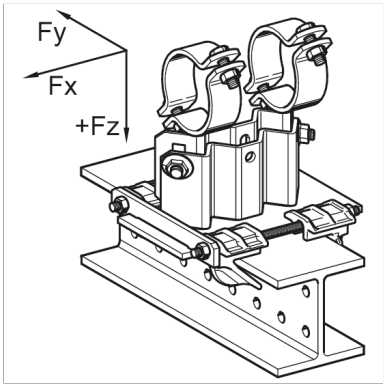
Temperature

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



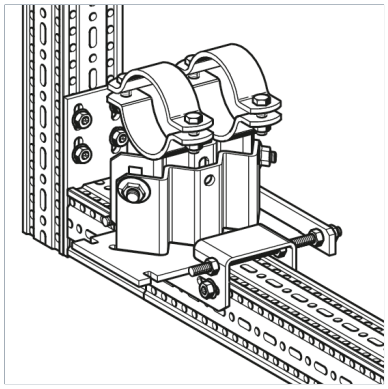
Material Properties

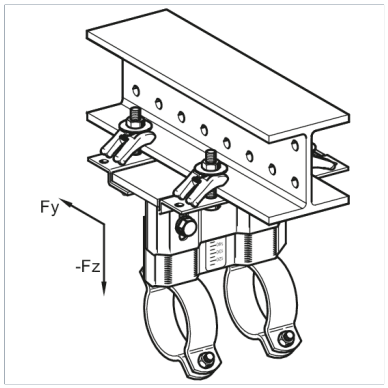
Halogen-free	0
UV-resistant	0

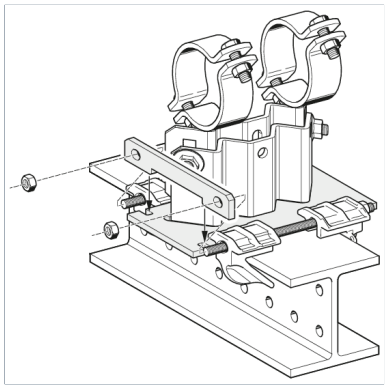
Material

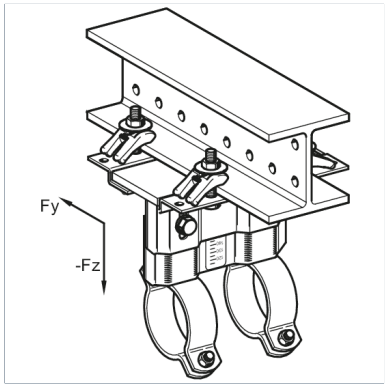
Primary element material	steel
Sliding element material	PA 6.0
Surface finish	HCP

Pipe Shoe LC-HV 90 HCP









Corrosion protection class	C4

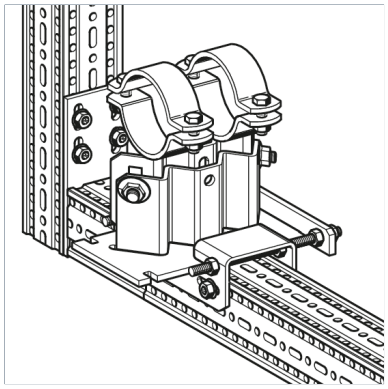
Additional information

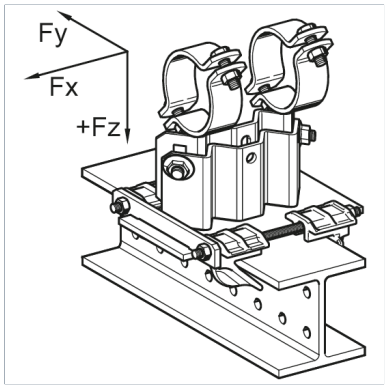
Also available with DualShield for high corrosion protection within C5H environments. Minimum quantities must be observed for pipe shoes outside the DN range. In addition, delivery times apply for these items on request.

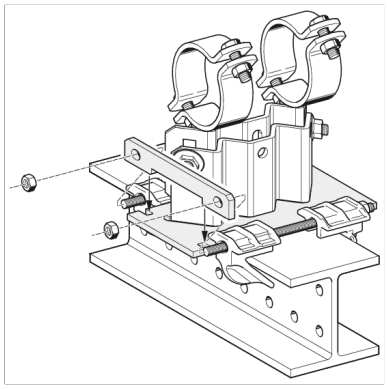
Types

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
LC-HV 90 14-18	14.00 mm	18.00 mm		3.468 kg/pcs.	1 pcs.	801717
LC-HV 90 18-22 (DN 15) HCP	18.00 mm	22.00 mm	DN 15 (1/2")	3.48 kg/pcs.	1 pcs.	112392
LC-HV 90 23-27 (DN 20) HCP	23.00 mm	27.00 mm	DN 20 (3/4")	3.52 kg/pcs.	1 pcs.	112393
LC-HV 90 26-30	26.00 mm	30.00 mm		3.568 kg/pcs.	1 pcs.	801718
LC-HV 90 30-34 (DN 25) HCP	30.00 mm	34.00 mm	DN 25 (1")	3.6 kg/pcs.	1 pcs.	110062
LC-HV 90 35-39	35.00 mm	39.00 mm		3.64 kg/pcs.	1 pcs.	801719
LC-HV 90 40-44 (DN 32) HCP	40.00 mm	44.00 mm	DN 32 (1 1/4")	3.7 kg/pcs.	1 pcs.	110063
LC-HV 90 45-49 (DN 40) HCP	45.00 mm	49.00 mm	DN 40 (1 1/2")	3.7 kg/pcs.	1 pcs.	110064
LC-HV 90 50-54	50.00 mm	54.00 mm		3.756 kg/pcs.	1 pcs.	801720
LC-HV 90 55-59	55.00 mm	59.00 mm		3.792 kg/pcs.	1 pcs.	801721
LC-HV 90 57-61 (DN 50) HCP	57.00 mm	61.00 mm	DN 50 (2")	4.1 kg/pcs.	1 pcs.	110065
LC-HV 90 62-66	62.00 mm	66.00 mm		4.201 kg/pcs.	1 pcs.	801722
LC-HV 90 67-71	67.00 mm	71.00 mm		4.253 kg/pcs.	1 pcs.	801723
LC-HV 90 72-77 (DN 65) HCP	72.00 mm	77.00 mm	DN 65 (2 1/2")	4.3 kg/pcs.	1 pcs.	110066
LC-HV 90 78-83	78.00 mm	83.00 mm		4.361 kg/pcs.	1 pcs.	801724
LC-HV 90 84-89 (DN 80) HCP	84.00 mm	89.00 mm	DN 80 (3")	4.4 kg/pcs.	1 pcs.	110067
LC-HV 90 89-95	89.00 mm	95.00 mm		4.777 kg/pcs.	1 pcs.	801725

Pipe Shoe LC-HV 90 HCP







Type	Size min.	Size max.	DN	Weight	Quantity	Part number
LC-HV 90 96-102	96.00 mm	102.00 mm		4.861 kg/pcs.	1 pcs.	801726
LC-HV 90 102-109	102.00 mm	109.00 mm		4.945 kg/pcs.	1 pcs.	801727
LC-HV 90 109-115 (DN 100) HCP	109.00 mm	115.00 mm	DN 100 (4")	5.06 kg/pcs.	1 pcs.	110068
LC-HV 90 115-122	115.00 mm	122.00 mm		5.109 kg/pcs.	1 pcs.	801728
LC-HV 90 122-128	122.00 mm	128.00 mm		5.181 kg/pcs.	1 pcs.	801729
LC-HV 90 128-134	128.00 mm	134.00 mm		5.257 kg/pcs.	1 pcs.	801730
LC-HV 90 134-140 (DN 125) HCP	134.00 mm	140.00 mm	DN 125 (5")	5.4 kg/pcs.	1 pcs.	110069
LC-HV 90 140-146	140.00 mm	146.00 mm		5.401 kg/pcs.	1 pcs.	801731
LC-HV 90 146-152	146.00 mm	152.00 mm		5.481 kg/pcs.	1 pcs.	801732
LC-HV 90 152-158	152.00 mm	158.00 mm		5.557 kg/pcs.	1 pcs.	801733
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")	7.09 kg/pcs.	1 pcs.	110070
LC-HV 90 168-174	168.00 mm	174.00 mm		7.329 kg/pcs.	1 pcs.	801735
LC-HV 90 174-180	174.00 mm	180.00 mm		7.445 kg/pcs.	1 pcs.	801736
LC-HV 90 181-187	181.00 mm	187.00 mm		7.581 kg/pcs.	1 pcs.	801737
LC-HV 90 188-194	188.00 mm	194.00 mm		7.729 kg/pcs.	1 pcs.	801741
LC-HV 90 194-200	194.00 mm	200.00 mm		7.849 kg/pcs.	1 pcs.	801738
LC-HV 90 201-207	201.00 mm	207.00 mm		7.985 kg/pcs.	1 pcs.	801739
LC-HV 90 208-214	208.00 mm	214.00 mm		8.121 kg/pcs.	1 pcs.	801740
LC-HV 90 215-221 (DN 200) HCP	215.00 mm	221.00 mm	DN 200 (8")	8.3 kg/pcs.	1 pcs.	110071
LC-HV 90 222-229	222.00 mm	229.00 mm		8.393 kg/pcs.	1 pcs.	801742

Pipe Shoe LC-HV 90 HCP

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
LC-HV 90 230-237	230.00 mm	237.00 mm		8.549 kg/pcs.	1 pcs.	801743
LC-HV 90 238-245	238.00 mm	245.00 mm		8.705 kg/pcs.	1 pcs.	801744
LC-HV 90 246-254	246.00 mm	254.00 mm		8.881 kg/pcs.	1 pcs.	801745
LC-HV 90 255-262	255.00 mm	262.00 mm		9.053 kg/pcs.	1 pcs.	801746
LC-HV 90 259-266	259.00 mm	266.00 mm		9.129 kg/pcs.	1 pcs.	801747
LC-HV 90 266-273 (DN 250) HCP	266.00 mm	273.00 mm	DN 250 (10")	9.16 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 90 283-291	283.00 mm	291.00 mm		11.415 kg/pcs.	1 pcs.	801749
LC-HV 90 292-300	292.00 mm	300.00 mm		11.627 kg/pcs.	1 pcs.	801750
LC-HV 90 301-309	301.00 mm	309.00 mm		11.839 kg/pcs.	1 pcs.	801751
LC-HV 90 310-317	310.00 mm	317.00 mm		12.027 kg/pcs.	1 pcs.	801752
LC-HV 90 317-324 (DN 300) HCP	317.00 mm	324.00 mm	DN 300 (12")	12 kg/pcs.	1 pcs.	110073

Dimensions

Type	b	B2	D	D1	H	HV min	HV max	L2	SG	SL	t	W
LC-HV 90 14-18	30 mm	105 mm	18 mm	18 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M10	40 mm	5 mm	90°
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 26-30	30 mm	105 mm	30 mm	30 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 35-39	30 mm	105 mm	39 mm	39 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°

Pipe Shoe LC-HV 90 HCP

Type	b	B2	D	D1	H	HV min	HV max	L2	SG	SL	t	W
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 50-54	30 mm	105 mm	54 mm	54 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M10	40 mm	5 mm	90°
LC-HV 90 55-59	30 mm	105 mm	59 mm	59 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 62-66	40 mm	105 mm	66 mm	66 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	45 mm	5 mm	90°
LC-HV 90 67-71	40 mm	105 mm	71 mm	71 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 78-83	40 mm	105 mm	83 mm	83 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 89-95	50 mm	105 mm	95 mm	95 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	45 mm	5 mm	90°
LC-HV 90 96-102	50 mm	105 mm	102 mm	102 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	45 mm	5 mm	90°
LC-HV 90 102-109	50 mm	105 mm	109 mm	109 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 90 115-122	50 mm	105 mm	122 mm	122 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	50 mm	5 mm	45°
LC-HV 90 122-128	50 mm	105 mm	128 mm	128 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	50 mm	5 mm	45°
LC-HV 90 128-134	50 mm	105 mm	134 mm	134 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 90 140-146	50 mm	105 mm	146 mm	146 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	50 mm	5 mm	45°
LC-HV 90 146-152	50 mm	105 mm	152 mm	152 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	50 mm	5 mm	45°
LC-HV 90 152-158	50 mm	105 mm	158 mm	158 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°

Pipe Shoe LC-HV 90 HCP

Type	b	B2	D	D1	H	HV min	HV max	L2	SG	SL	t	W
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 90 168-174	50 mm	105 mm	174 mm	174 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 174-180	50 mm	105 mm	180 mm	180 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 181-187	50 mm	105 mm	187 mm	187 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 188-194	50 mm	105 mm	194 mm	194 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 194-200	50 mm	105 mm	200 mm	200 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 201-207	50 mm	105 mm	207 mm	207 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 208-214	50 mm	105 mm	214 mm	214 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 90 230-237	50 mm	105 mm	237 mm	237 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 238-245	50 mm	105 mm	245 mm	245 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 246-254	50 mm	105 mm	254 mm	254 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 255-262	50 mm	105 mm	262 mm	262 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M12	55 mm	5 mm	45°
LC-HV 90 259-266	50 mm	105 mm	266 mm	266 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 90 283-291	60 mm	105 mm	291 mm	291 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M16	60 mm	5 mm	45°
LC-HV 90 292-300	60 mm	105 mm	300 mm	300 mm	90 mm	88.5 mm	113.5 mm	255.6 mm	M16	60 mm	5 mm	45°
LC-HV 90 301-309	60 mm	105 mm	309 mm	309 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 90 310-317	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°
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

Pipe Shoes LC-HV Type Overview