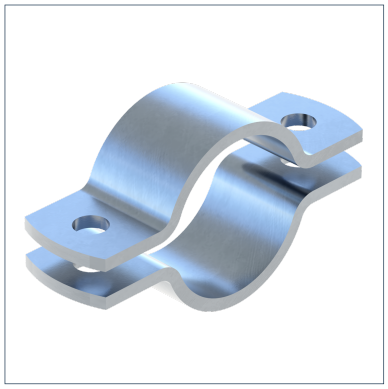
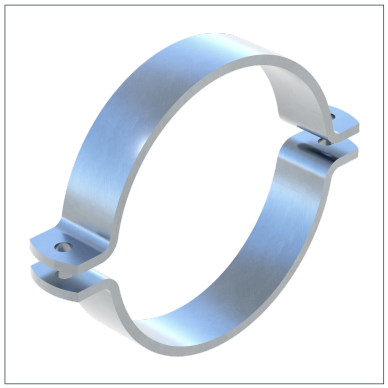
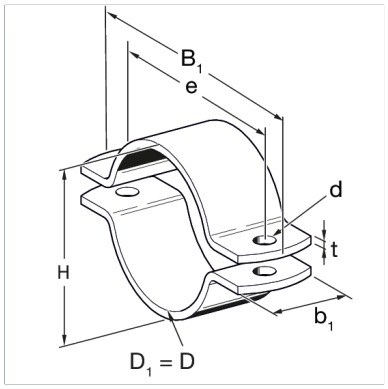
Pipe Clamp STABIL RB-A HCP







General Information

For particularly high static requirements in plant construction. Design similar to DIN 3567. The perforations on both sides allow the application of standardised bolts and threaded nuts out of the Sikla product range.

Installation

Tightening torque and recommended clamping bolts:

Size range [mm]	Recommended clamping bolts	Tightening torque [Nm]
14 - 49	M10 x 40	20
57 - 109	M12 x 45	40
109 - 163	M12 x 50	40
163 - 273	M12 x 55	40
317 - 374	M16 x 60	100
397 - 610	M16 x 65	100

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{Z,perm.}
STABIL RB-A 14- 18 HCP	11.00 kN
STABIL RB-A 18- 22 HCP	11.00 kN
STABIL RB-A 23- 27 HCP	11.00 kN
STABIL RB-A 30- 34 HCP	11.00 kN
STABIL RB-A 35- 39 HCP	11.00 kN
STABIL RB-A 40- 44 HCP	11.00 kN
STABIL RB-A 45- 49 HCP	11.00 kN
STABIL RB-A 57- 61 HCP	15.50 kN
STABIL RB-A 67- 71 HCP	15.50 kN

Pipe Clamp STABIL RB-A HCP

Type	-V{Z,perm.}
STABIL RB-A 72- 77 HCP	15.50 kN
STABIL RB-A 84- 89 HCP	15.50 kN
STABIL RB-A 96- 102 HCP	22.00 kN
STABIL RB-A 102- 109 HCP	22.00 kN
STABIL RB-A 109- 115 HCP	22.00 kN
STABIL RB-A 128- 134 HCP	22.00 kN
STABIL RB-A 134- 140 HCP	22.00 kN
STABIL RB-A 157- 163 HCP	22.00 kN
STABIL RB-A 163- 169 HCP	22.00 kN
STABIL RB-A 188- 194 HCP	42.00 kN
STABIL RB-A 215- 221 HCP	42.00 kN
STABIL RB-A 246- 254 HCP	42.00 kN
STABIL RB-A 259- 266 HCP	42.00 kN
STABIL RB-A 266- 273 HCP	42.00 kN
STABIL RB-A 317- 324 HCP	42.00 kN
STABIL RB-A 349- 356 HCP	42.00 kN
STABIL RB-A 366- 374 HCP	42.00 kN
STABIL RB-A 397- 407 HCP	42.00 kN
STABIL RB-A 419- 429 HCP	42.00 kN
STABIL RB-A 447- 457 HCP	42.00 kN
STABIL RB-A 498- 508 HCP	42.00 kN
STABIL RB-A 520- 530 HCP	42.00 kN
STABIL RB-A 531- 541 HCP	42.00 kN
STABIL RB-A 600- 610 HCP	42.00 kN

Note on loadings

Admissible load valid with fixation on both sides.
The max. permissible load capacity of the connected parts (e.g. anchors) shall be considered.
The max. adm. load capacity is determined by the application of statistical methods resulting from the breaking loads, under observance of a max. adm. deformation of 1.5 mm resp. 2% of the max. stretchable pipe dia.

Types

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
STABIL RB-A 14- 18 HCP	14.00 mm	18.00 mm	DN 8 (1/4")	0.170 kg/ pcs.	25 pcs.	112790

Pipe Clamp STABIL RB-A HCP

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
STABIL RB-A 18- 22 HCP	18.00 mm	22.00 mm	DN 15 (1/2")	0.180 kg/ pcs.	25 pcs.	112791
STABIL RB-A 23- 27 HCP	23.00 mm	27.00 mm	DN 20 (3/4")	0.190 kg/ pcs.	25 pcs.	112792
STABIL RB-A 30- 34 HCP	30.00 mm	34.00 mm	DN 25 (1")	0.220 kg/ pcs.	25 pcs.	112793
STABIL RB-A 35- 39 HCP	35.00 mm	39.00 mm	DN 25 (1")	0.240 kg/ pcs.	25 pcs.	112794
STABIL RB-A 40- 44 HCP	40.00 mm	44.00 mm	DN 32 (1 1/4")	0.260 kg/ pcs.	25 pcs.	112795
STABIL RB-A 45- 49 HCP	45.00 mm	49.00 mm	DN 40 (1 1/2")	0.280 kg/ pcs.	25 pcs.	112796
STABIL RB-A 57- 61 HCP	57.00 mm	61.00 mm	DN 50 (2")	0.420 kg/ pcs.	25 pcs.	112797
STABIL RB-A 67- 71 HCP	67.00 mm	71.00 mm		0.460 kg/ pcs.	25 pcs.	112798
STABIL RB-A 72- 77 HCP	72.00 mm	77.00 mm	DN 65 (2 1/2")	0.520 kg/ pcs.	25 pcs.	112799
STABIL RB-A 84- 89 HCP	84.00 mm	89.00 mm	DN 80 (3")	0.610 kg/ pcs.	25 pcs.	112800
STABIL RB-A 96- 102 HCP	96.00 mm	102.00 mm	DN 90 (3 1/2")	0.760 kg/ pcs.	10 pcs.	112801
STABIL RB-A 102- 109 HCP	102.00 mm	109.00 mm	DN 100 (4")	0.830 kg/ pcs.	10 pcs.	112802
STABIL RB-A 109- 115 HCP	109.00 mm	115.00 mm	DN 100 (4")	0.870 kg/ pcs.	10 pcs.	112803
STABIL RB-A 128- 134 HCP	128.00 mm	134.00 mm	DN 125 (5")	0.930 kg/ pcs.	10 pcs.	112804
STABIL RB-A 134- 140 HCP	134.00 mm	140.00 mm	DN 125 (5")	1.010 kg/ pcs.	10 pcs.	112805
STABIL RB-A 157- 163 HCP	157.00 mm	163.00 mm	DN 150 (6")	1.194 kg/ pcs.	10 pcs.	112806
STABIL RB-A 163- 169 HCP	163.00 mm	169.00 mm	DN 150 (6")	2.006 kg/ pcs.	10 pcs.	112807
STABIL RB-A 188- 194 HCP	188.00 mm	194.00 mm	DN 175 (7")	2.160 kg/ pcs.	1 pcs.	112808
STABIL RB-A 215- 221 HCP	215.00 mm	221.00 mm	DN 200 (8")	2.522 kg/ pcs.	1 pcs.	112809
STABIL RB-A 246- 254 HCP	246.00 mm	254.00 mm		2.800 kg/ pcs.	1 pcs.	112810
STABIL RB-A 259- 266 HCP	259.00 mm	266.00 mm	DN 250 (10")	2.920 kg/ pcs.	1 pcs.	112811

Pipe Clamp STABIL RB-A HCP

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
STABIL RB-A 266- 273 HCP	266.00 mm	273.00 mm	DN 250 (10")	3.550 kg/ pcs.	1 pcs.	112812
STABIL RB-A 317- 324 HCP	317.00 mm	324.00 mm	DN 300 (12")	4.110 kg/ pcs.	1 pcs.	112813
STABIL RB-A 349- 356 HCP	349.00 mm	356.00 mm	DN 350 (14")	4.530 kg/ pcs.	1 pcs.	112814
STABIL RB-A 366- 374 HCP	366.00 mm	374.00 mm	DN 350 (14")	4.840 kg/ pcs.	1 pcs.	112815
STABIL RB-A 397- 407 HCP	397.00 mm	407.00 mm	DN 400 (16")	6.150 kg/ pcs.	1 pcs.	112816
STABIL RB-A 419- 429 HCP	419.00 mm	429.00 mm	DN 400 (16")	6.300 kg/ pcs.	1 pcs.	112817
STABIL RB-A 447- 457 HCP	447.00 mm	457.00 mm	DN 450 (18")	6.850 kg/ pcs.	1 pcs.	112818
STABIL RB-A 498- 508 HCP	498.00 mm	508.00 mm	DN 500 (20")	7.660 kg/ pcs.	1 pcs.	112819
STABIL RB-A 520- 530 HCP	520.00 mm	530.00 mm	DN 500 (20")	7.850 kg/ pcs.	1 pcs.	112820
STABIL RB-A 531- 541 HCP	531.00 mm	541.00 mm		7.910 kg/ pcs.	1 pcs.	112821
STABIL RB-A 600- 610 HCP	600.00 mm	610.00 mm	DN 600 (24")	8.942 kg/ pcs.	1 pcs.	112822

Dimensions

Type	B1	b1	D	D1	d	e	H	t
STABIL RB-A 14- 18 HCP	80 mm	30 mm	18 mm	18 mm	11 mm	52 mm	28 mm	5 mm
STABIL RB-A 18- 22 HCP	86 mm	30 mm	22 mm	22 mm	11 mm	58 mm	32 mm	5 mm
STABIL RB-A 23- 27 HCP	93 mm	30 mm	27 mm	27 mm	11 mm	65 mm	37 mm	5 mm
STABIL RB-A 30- 34 HCP	102 mm	30 mm	34 mm	34 mm	11 mm	74 mm	44 mm	5 mm
STABIL RB-A 35- 39 HCP	108 mm	30 mm	39 mm	39 mm	11 mm	80 mm	49 mm	5 mm
STABIL RB-A 40- 44 HCP	114 mm	30 mm	44 mm	44 mm	11 mm	86 mm	54 mm	5 mm
STABIL RB-A 45- 49 HCP	119 mm	30 mm	49 mm	49 mm	11 mm	91 mm	59 mm	5 mm
STABIL RB-A 57- 61 HCP	136 mm	40 mm	61 mm	61 mm	13 mm	103 mm	71 mm	5 mm
STABIL RB-A 67- 71 HCP	147 mm	40 mm	71 mm	71 mm	13 mm	114 mm	81 mm	5 mm
STABIL RB-A 72- 77 HCP	152 mm	40 mm	77 mm	77 mm	13 mm	119 mm	87 mm	5 mm
STABIL RB-A 84- 89 HCP	165 mm	40 mm	89 mm	89 mm	13 mm	132 mm	99 mm	5 mm
STABIL RB-A 96- 102 HCP	178 mm	50 mm	102 mm	102 mm	13 mm	145 mm	112 mm	5 mm
STABIL RB-A 102- 109 HCP	185 mm	50 mm	109 mm	109 mm	13 mm	152 mm	119 mm	5 mm
STABIL RB-A 109- 115 HCP	192 mm	50 mm	115 mm	115 mm	13 mm	159 mm	125 mm	5 mm

Pipe Clamp STABIL RB-A HCP

Type	B1	b1	D	D1	d	e	H	t
STABIL RB-A 128- 134 HCP	211 mm	50 mm	134 mm	134 mm	13 mm	178 mm	144 mm	5 mm
STABIL RB-A 134- 140 HCP	217 mm	50 mm	140 mm	140 mm	13 mm	184 mm	150 mm	5 mm
STABIL RB-A 157- 163 HCP	241 mm	50 mm	163 mm	163 mm	13 mm	208 mm	173 mm	5 mm
STABIL RB-A 163- 169 HCP	255 mm	50 mm	169 mm	169 mm	13 mm	222 mm	185 mm	8 mm
STABIL RB-A 188- 194 HCP	281 mm	50 mm	194 mm	194 mm	13 mm	248 mm	210 mm	8 mm
STABIL RB-A 215- 221 HCP	308 mm	50 mm	221 mm	221 mm	13 mm	275 mm	237 mm	8 mm
STABIL RB-A 246- 254 HCP	341 mm	50 mm	254 mm	254 mm	13 mm	308 mm	270 mm	8 mm
STABIL RB-A 259- 266 HCP	354 mm	50 mm	266 mm	266 mm	13 mm	321 mm	282 mm	8 mm
STABIL RB-A 266- 273 HCP	361 mm	50 mm	273 mm	273 mm	13 mm	328 mm	289 mm	8 mm
STABIL RB-A 317- 324 HCP	425 mm	60 mm	324 mm	324 mm	17 mm	385 mm	340 mm	8 mm
STABIL RB-A 349- 356 HCP	457 mm	60 mm	356 mm	356 mm	17 mm	417 mm	372 mm	8 mm
STABIL RB-A 366- 374 HCP	475 mm	60 mm	374 mm	374 mm	17 mm	435 mm	390 mm	8 mm
STABIL RB-A 397- 407 HCP	508 mm	70 mm	407 mm	407 mm	17 mm	468 mm	423 mm	8 mm
STABIL RB-A 419- 429 HCP	530 mm	70 mm	429 mm	429 mm	17 mm	490 mm	445 mm	8 mm
STABIL RB-A 447- 457 HCP	558 mm	70 mm	457 mm	457 mm	17 mm	518 mm	473 mm	8 mm
STABIL RB-A 498- 508 HCP	609 mm	70 mm	508 mm	508 mm	17 mm	569 mm	524 mm	8 mm
STABIL RB-A 520- 530 HCP	631 mm	70 mm	530 mm	530 mm	17 mm	591 mm	546 mm	8 mm
STABIL RB-A 531- 541 HCP	643 mm	70 mm	541 mm	541 mm	17 mm	603 mm	557 mm	8 mm
STABIL RB-A 600- 610 HCP	712 mm	70 mm	610 mm	610 mm	17 mm	672 mm	626 mm	8 mm

Certification