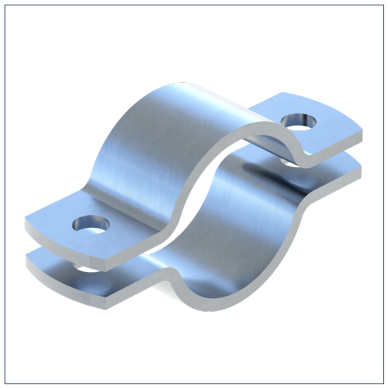
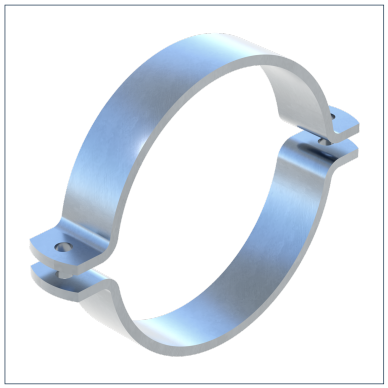
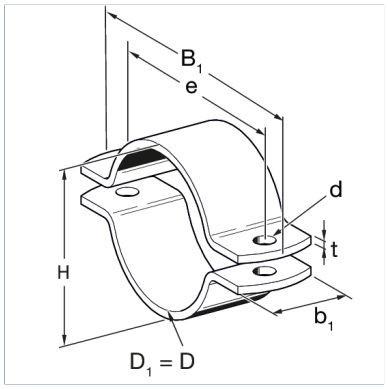
Pipe Clamp STABIL RB-A







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 rods out of the Sikla product range. If fixed on both sides by threaded rods M12 or M16 or threaded tubes, we recommend the application of the Support Cone SMD 1. In addition to be applied for the design of Fixed Points or Sliding Supports by welding to T-Sections.

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	uncoated

Forces

Type	-V{Z,perm.}
STABIL RB-A 14- 18 BL	11.00 kN
STABIL RB-A 18- 22 BL	11.00 kN
STABIL RB-A 23- 27 BL	11.00 kN
STABIL RB-A 35- 39 BL	11.00 kN
STABIL RB-A 45- 49 BL	11.00 kN
STABIL RB-A 57- 61 BL	15.50 kN
STABIL RB-A 67- 71 BL	15.50 kN
STABIL RB-A 72- 77 BL	15.50 kN
STABIL RB-A 84- 89 BL	15.50 kN

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Type	-V{Z,perm.}
STABIL RB-A 96- 102 BL	22.00 kN
STABIL RB-A 102- 109 BL	22.00 kN
STABIL RB-A 109- 115 BL	22.00 kN
STABIL RB-A 128- 134 BL	22.00 kN
STABIL RB-A 134- 140 BL	22.00 kN
STABIL RB-A 157- 163 BL	22.00 kN
STABIL RB-A 163- 169 BL	22.00 kN
STABIL RB-A 188- 194 BL	42.00 kN
STABIL RB-A 215- 221 BL	42.00 kN
STABIL RB-A 246- 254 BL	42.00 kN
STABIL RB-A 259- 266 BL	42.00 kN
STABIL RB-A 266- 273 BL	42.00 kN
STABIL RB-A 317- 324 BL	42.00 kN
STABIL RB-A 349- 356 BL	42.00 kN
STABIL RB-A 366- 374 BL	42.00 kN
STABIL RB-A 397- 407 BL	42.00 kN
STABIL RB-A 419- 429 BL	42.00 kN
STABIL RB-A 447- 457 BL	42.00 kN
STABIL RB-A 498- 508 BL	42.00 kN
STABIL RB-A 520- 530 BL	42.00 kN
STABIL RB-A 531- 541 BL	42.00 kN
STABIL RB-A 600- 610 BL	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 BL	14.00 mm	18.00 mm	DN 8 (1/4")	0.170 kg/ pcs.	25 pcs.	110309
STABIL RB-A 18- 22 BL	18.00 mm	22.00 mm	DN 15 (1/2")	0.180 kg/ pcs.	25 pcs.	110310
STABIL RB-A 23- 27 BL	23.00 mm	27.00 mm	DN 20 (3/4")	0.190 kg/ pcs.	25 pcs.	110312

Pipe Clamp STABIL RB-A

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
STABIL RB-A 35- 39 BL	35.00 mm	39.00 mm	DN 25 (1")	0.240 kg/ pcs.	25 pcs.	110314
STABIL RB-A 45- 49 BL	45.00 mm	49.00 mm	DN 40 (1 1/2")	0.280 kg/ pcs.	25 pcs.	110316
STABIL RB-A 57- 61 BL	57.00 mm	61.00 mm	DN 50 (2")	0.452 kg/ pcs.	25 pcs.	110319
STABIL RB-A 67- 71 BL	67.00 mm	71.00 mm		0.460 kg/ pcs.	25 pcs.	110320
STABIL RB-A 72- 77 BL	72.00 mm	77.00 mm	DN 65 (2 1/2")	0.528 kg/ pcs.	25 pcs.	110321
STABIL RB-A 84- 89 BL	84.00 mm	89.00 mm	DN 80 (3")	0.586 kg/ pcs.	25 pcs.	110322
STABIL RB-A 96- 102 BL	96.00 mm	102.00 mm	DN 90 (3 1/2")	0.760 kg/ pcs.	10 pcs.	110323
STABIL RB-A 102- 109 BL	102.00 mm	109.00 mm	DN 100 (4")	0.830 kg/ pcs.	10 pcs.	110324
STABIL RB-A 109- 115 BL	109.00 mm	115.00 mm	DN 100 (4")	0.901 kg/ pcs.	10 pcs.	110325
STABIL RB-A 128- 134 BL	128.00 mm	134.00 mm	DN 125 (5")	0.930 kg/ pcs.	10 pcs.	110327
STABIL RB-A 134- 140 BL	134.00 mm	140.00 mm	DN 125 (5")	1.013 kg/ pcs.	10 pcs.	110328
STABIL RB-A 157- 163 BL	157.00 mm	163.00 mm	DN 150 (6")	1.168 kg/ pcs.	10 pcs.	111733
STABIL RB-A 163- 169 BL	163.00 mm	169.00 mm	DN 150 (6")	1.926 kg/ pcs.	10 pcs.	110330
STABIL RB-A 188- 194 BL	188.00 mm	194.00 mm	DN 175 (7")	2.160 kg/ pcs.	1 pcs.	110332
STABIL RB-A 215- 221 BL	215.00 mm	221.00 mm	DN 200 (8")	2.410 kg/ pcs.	1 pcs.	110335
STABIL RB-A 246- 254 BL	246.00 mm	254.00 mm		2.800 kg/ pcs.	1 pcs.	110336
STABIL RB-A 259- 266 BL	259.00 mm	266.00 mm	DN 250 (10")	2.920 kg/ pcs.	1 pcs.	110337
STABIL RB-A 266- 273 BL	266.00 mm	273.00 mm	DN 250 (10")	3.020 kg/ pcs.	1 pcs.	110338
STABIL RB-A 317- 324 BL	317.00 mm	324.00 mm	DN 300 (12")	4.110 kg/ pcs.	1 pcs.	110341
STABIL RB-A 349- 356 BL	349.00 mm	356.00 mm	DN 350 (14")	4.530 kg/ pcs.	1 pcs.	110342
STABIL RB-A 366- 374 BL	366.00 mm	374.00 mm	DN 350 (14")	4.840 kg/ pcs.	1 pcs.	110343
STABIL RB-A 397- 407 BL	397.00 mm	407.00 mm	DN 400 (16")	6.150 kg/ pcs.	1 pcs.	110344

Pipe Clamp STABIL RB-A

Type	Size min.	Size max.	DN	Weight	Quantity	Part number
STABIL RB-A 419- 429 BL	419.00 mm	429.00 mm	DN 400 (16")	6.300 kg/ pcs.	1 pcs.	110345
STABIL RB-A 447- 457 BL	447.00 mm	457.00 mm	DN 450 (18")	6.850 kg/ pcs.	1 pcs.	110346
STABIL RB-A 498- 508 BL	498.00 mm	508.00 mm	DN 500 (20")	7.660 kg/ pcs.	1 pcs.	110347
STABIL RB-A 520- 530 BL	520.00 mm	530.00 mm	DN 500 (20")	7.850 kg/ pcs.	1 pcs.	110348
STABIL RB-A 531- 541 BL	531.00 mm	541.00 mm		7.910 kg/ pcs.	1 pcs.	110442
STABIL RB-A 600- 610 BL	600.00 mm	610.00 mm	DN 600 (24")	8.942 kg/ pcs.	1 pcs.	110443

Dimensions

Type	B1	b1	D	D1	d	e	H	t
STABIL RB-A 14- 18 BL	80 mm	30 mm	18 mm	18 mm	11 mm	52 mm	28 mm	5 mm
STABIL RB-A 18- 22 BL	86 mm	30 mm	22 mm	22 mm	11 mm	58 mm	32 mm	5 mm
STABIL RB-A 23- 27 BL	93 mm	30 mm	27 mm	27 mm	11 mm	65 mm	37 mm	5 mm
STABIL RB-A 35- 39 BL	108 mm	30 mm	39 mm	39 mm	11 mm	80 mm	49 mm	5 mm
STABIL RB-A 45- 49 BL	119 mm	30 mm	49 mm	49 mm	11 mm	91 mm	59 mm	5 mm
STABIL RB-A 57- 61 BL	136 mm	40 mm	61 mm	61 mm	13 mm	103 mm	71 mm	5 mm
STABIL RB-A 67- 71 BL	147 mm	40 mm	71 mm	71 mm	13 mm	114 mm	81 mm	5 mm
STABIL RB-A 72- 77 BL	152 mm	40 mm	77 mm	77 mm	13 mm	119 mm	87 mm	5 mm
STABIL RB-A 84- 89 BL	165 mm	40 mm	89 mm	89 mm	13 mm	132 mm	99 mm	5 mm
STABIL RB-A 96- 102 BL	178 mm	50 mm	102 mm	102 mm	13 mm	145 mm	112 mm	5 mm
STABIL RB-A 102- 109 BL	185 mm	50 mm	109 mm	109 mm	13 mm	152 mm	119 mm	5 mm
STABIL RB-A 109- 115 BL	192 mm	50 mm	115 mm	115 mm	13 mm	159 mm	125 mm	5 mm
STABIL RB-A 128- 134 BL	211 mm	50 mm	134 mm	134 mm	13 mm	178 mm	144 mm	5 mm
STABIL RB-A 134- 140 BL	217 mm	50 mm	140 mm	140 mm	13 mm	184 mm	150 mm	5 mm
STABIL RB-A 157- 163 BL	241 mm	50 mm	163 mm	163 mm	13 mm	208 mm	173 mm	5 mm
STABIL RB-A 163- 169 BL	255 mm	50 mm	169 mm	169 mm	13 mm	222 mm	185 mm	8 mm
STABIL RB-A 188- 194 BL	281 mm	50 mm	194 mm	194 mm	13 mm	248 mm	210 mm	8 mm
STABIL RB-A 215- 221 BL	308 mm	50 mm	221 mm	221 mm	13 mm	275 mm	237 mm	8 mm
STABIL RB-A 246- 254 BL	341 mm	50 mm	254 mm	254 mm	13 mm	308 mm	270 mm	8 mm
STABIL RB-A 259- 266 BL	354 mm	50 mm	266 mm	266 mm	13 mm	321 mm	282 mm	8 mm
STABIL RB-A 266- 273 BL	361 mm	50 mm	273 mm	273 mm	13 mm	328 mm	289 mm	8 mm
STABIL RB-A 317- 324 BL	425 mm	60 mm	324 mm	324 mm	17 mm	385 mm	340 mm	8 mm
STABIL RB-A 349- 356 BL	457 mm	60 mm	356 mm	356 mm	17 mm	417 mm	372 mm	8 mm

Pipe Clamp STABIL RB-A

Type	B1	b1	D	D1	d	e	H	t
STABIL RB-A 366- 374 BL	475 mm	60 mm	374 mm	374 mm	17 mm	435 mm	390 mm	8 mm
STABIL RB-A 397- 407 BL	508 mm	70 mm	407 mm	407 mm	17 mm	468 mm	423 mm	8 mm
STABIL RB-A 419- 429 BL	530 mm	70 mm	429 mm	429 mm	17 mm	490 mm	445 mm	8 mm
STABIL RB-A 447- 457 BL	558 mm	70 mm	457 mm	457 mm	17 mm	518 mm	473 mm	8 mm
STABIL RB-A 498- 508 BL	609 mm	70 mm	508 mm	508 mm	17 mm	569 mm	524 mm	8 mm
STABIL RB-A 520- 530 BL	631 mm	70 mm	530 mm	530 mm	17 mm	591 mm	546 mm	8 mm
STABIL RB-A 531- 541 BL	643 mm	70 mm	541 mm	541 mm	17 mm	603 mm	557 mm	8 mm
STABIL RB-A 600- 610 BL	712 mm	70 mm	610 mm	610 mm	17 mm	672 mm	626 mm	8 mm

Certification