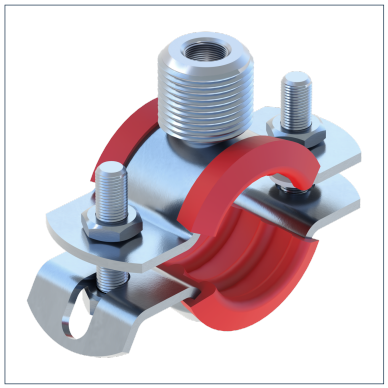
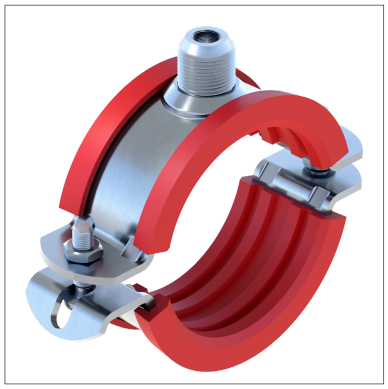
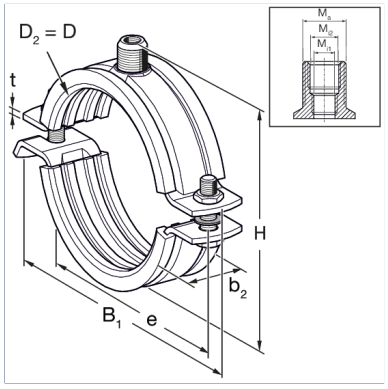
Pipe Clamp STABIL D-3G SIL









General Information

For soundproof installation of pipes required for all M&E services in industrial, residential and public buildings (as per DIN 4109). Suitable for ceiling, floor and wall mounting.

Installation

For VdS applications > 2“ to 4”, at least M10 must be used.
Tightening torques:

Size range [mm]	Tightening torque [Nm]
14 - 65	2
67 - 115	3
124 - 162	5
165 - 305	10

Temperature

Max. temperature insulation	200 °C
Min. temperature insulation	-60 °C

Material Properties

Halogen-free	0
UV-resistant	0

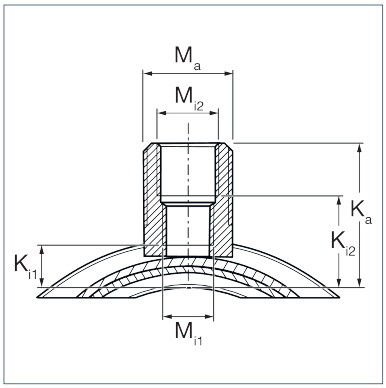
Material

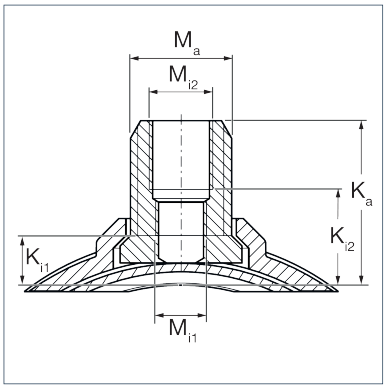
Primary element material	steel
Isolating element material	silicone
Connecting element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

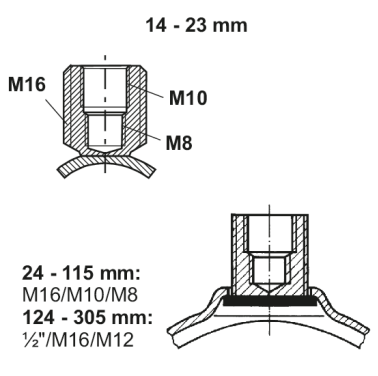
Forces

Type	-V{Z,perm.}
STABIL D-3G SIL 14- 18	1.80 kN
STABIL D-3G SIL 19- 23	1.80 kN
STABIL D-3G SIL 24- 28	2.00 kN
STABIL D-3G SIL 29- 33	2.00 kN
STABIL D-3G SIL 33- 37	2.00 kN

Pipe Clamp STABIL D-3G SIL







Type	-V{Z,perm.}
STABIL D-3G SIL 40- 45	2.00 kN
STABIL D-3G SIL 47- 52	2.00 kN
STABIL D-3G SIL 53- 58	2.00 kN
STABIL D-3G SIL 60- 65	2.00 kN
STABIL D-3G/M SIL 67- 72	2.00 kN
STABIL D-3G/M SIL 73- 78	2.00 kN
STABIL D-3G/M SIL 79- 85	2.00 kN
STABIL D-3G/M SIL 88- 93	2.00 kN
STABIL D-3G/M SIL 100- 106	2.00 kN
STABIL D-3G/M SIL 108- 115	2.00 kN
STABIL D-3G SIL 124-129	2.90 kN
STABIL D-3G SIL 131-137	2.90 kN
STABIL D-3G SIL 138-144	2.90 kN
STABIL D-3G SIL 148-154	2.90 kN
STABIL D-3G SIL 156-162	2.90 kN
STABIL D-3G SIL 165-171	3.50 kN
STABIL D-3G SIL 177-183	3.50 kN
STABIL D-3G SIL 188-194	3.50 kN
STABIL D-3G SIL 196-203	3.50 kN
STABIL D-3G SIL 219-225	7.50 kN
STABIL D-3G SIL 244-250	7.50 kN
STABIL D-3G SIL 267-273	7.50 kN
STABIL D-3G SIL 299-305	7.50 kN

Note on loadings

The recommended load is calculated using specific statistical methods relating to break load and is designed to restrict deflection to 1.5 mm or 2 % of the maximum applicable clamping diameter.

Fire resistance

Type	Fire Resistance 120 min
STABIL D-3G SIL 156-162	0.6 kN

Types

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G SIL 14- 18	14.00 mm	18.00 mm	DN 10 (3/8")	M8/M10/M16	0.083 kg/ pcs.	50 pcs.	108070

Pipe Clamp STABIL D-3G SIL

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G SIL 19- 23	19.00 mm	23.00 mm	DN 15 (1/2")	M8/M10/M16	0.091 kg/ pcs.	50 pcs.	108089
STABIL D-3G SIL 24- 28	24.00 mm	28.00 mm	DN 20 (3/4")	M8/M10/M16	0.132 kg/ pcs.	50 pcs.	108098
STABIL D-3G SIL 29- 33	29.00 mm	33.00 mm	DN 25 (1")	M8/M10/M16	0.148 kg/ pcs.	50 pcs.	108104
STABIL D-3G SIL 33- 37	33.00 mm	37.00 mm		M8/M10/M16	0.157 kg/ pcs.	50 pcs.	108113
STABIL D-3G SIL 40- 45	40.00 mm	45.00 mm	DN 32 (1 1/4")	M8/M10/M16	0.171 kg/ pcs.	50 pcs.	108122
STABIL D-3G SIL 47- 52	47.00 mm	52.00 mm	DN 40 (1 1/2")	M8/M10/M16	0.193 kg/ pcs.	50 pcs.	108131
STABIL D-3G SIL 53- 58	53.00 mm	58.00 mm		M8/M10/M16	0.203 kg/ pcs.	50 pcs.	108140
STABIL D-3G SIL 60- 65	60.00 mm	65.00 mm	DN 50 (2")	M8/M10/M16	0.225 kg/ pcs.	50 pcs.	108159
STABIL D-3G/M SIL 67- 72	67.00 mm	72.00 mm		M8/M10/M16	0.317 kg/ pcs.	25 pcs.	115801
STABIL D-3G/M SIL 73- 78	73.00 mm	78.00 mm	DN 65 (2 1/2")	M8/M10/M16	0.337 kg/ pcs.	25 pcs.	115802
STABIL D-3G/M SIL 79- 85	79.00 mm	85.00 mm		M8/M10/M16	0.349 kg/ pcs.	25 pcs.	115804
STABIL D-3G/M SIL 88- 93	88.00 mm	93.00 mm	DN 80 (3")	M8/M10/M16	0.379 kg/ pcs.	25 pcs.	115805
STABIL D-3G/M SIL 100- 106	100.00 mm	106.00 mm		M8/M10/M16	0.417 kg/ pcs.	25 pcs.	115806
STABIL D-3G/M SIL 108- 115	108.00 mm	115.00 mm	DN 100 (4")	M8/M10/M16	0.444 kg/ pcs.	25 pcs.	115807
STABIL D-3G SIL 124-129	124.00 mm	129.00 mm		M12/M16/1/2"	0.915 kg/ pcs.	10 pcs.	108229
STABIL D-3G SIL 131-137	131.00 mm	137.00 mm		M12/M16/1/2"	0.939 kg/ pcs.	10 pcs.	108238
STABIL D-3G SIL 138-144	138.00 mm	144.00 mm	DN 125 (5")	M12/M16/1/2"	0.972 kg/ pcs.	10 pcs.	108274
STABIL D-3G SIL 148-154	148.00 mm	154.00 mm		M12/M16/1/2"	1.035 kg/ pcs.	10 pcs.	108283
STABIL D-3G SIL 156-162	156.00 mm	162.00 mm		M12/M16/1/2"	1.090 kg/ pcs.	10 pcs.	108292
STABIL D-3G SIL 165-171	165.00 mm	171.00 mm	DN 150 (6")	M12/M16/1/2"	1.181 kg/ pcs.	10 pcs.	108308
STABIL D-3G SIL 177-183	177.00 mm	183.00 mm		M12/M16/1/2"	1.222 kg/ pcs.	10 pcs.	108317

Pipe Clamp STABIL D-3G SIL

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G SIL 188-194	188.00 mm	194.00 mm		M12/M16/1/2"	1.276 kg/ pcs.	10 pcs.	108326
STABIL D-3G SIL 196-203	196.00 mm	203.00 mm		M12/M16/1/2"	1.334 kg/ pcs.	10 pcs.	154947
STABIL D-3G SIL 219-225	219.00 mm	225.00 mm	DN 200 (8")	M12/M16/1/2"	1.458 kg/ pcs.	10 pcs.	108335
STABIL D-3G SIL 244-250	244.00 mm	250.00 mm		M12/M16/1/2"	1.571 kg/ pcs.	10 pcs.	108344
STABIL D-3G SIL 267-273	267.00 mm	273.00 mm	DN 250 (10")	M12/M16/1/2"	1.711 kg/ pcs.	10 pcs.	108353
STABIL D-3G SIL 299-305	299.00 mm	305.00 mm		M12/M16/1/2"	1.834 kg/ pcs.	10 pcs.	108362

Dimensions

Type	B1	b2	D	D2	e	H	Ma	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-3G SIL 14- 18	63 mm	29.5 mm	18 mm	18 mm	41 mm	49.1 mm	M16	M8	M10	2 mm	6.53 mm	13.77 mm	22.12 mm
STABIL D-3G SIL 19- 23	69 mm	29.5 mm	23 mm	23 mm	48 mm	55.1 mm	M16	M8	M10	2 mm	6.53 mm	13.77 mm	22.12 mm
STABIL D-3G SIL 24- 28	74 mm	36 mm	28 mm	28 mm	52.5 mm	62 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 29- 33	80 mm	36 mm	33 mm	33 mm	58.5 mm	68 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 33- 37	85 mm	36 mm	37 mm	37 mm	64 mm	72 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 40- 45	94 mm	36 mm	45 mm	45 mm	72.5 mm	80 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 47- 52	104 mm	36 mm	52 mm	52 mm	83 mm	86 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 53- 58	111 mm	36 mm	58 mm	58 mm	90 mm	92 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G SIL 60- 65	117 mm	36 mm	65 mm	65 mm	96 mm	99 mm	M16	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G/M SIL 67- 72	144 mm	36 mm	72 mm	72 mm	115 mm	108.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M SIL 73- 78	150 mm	36 mm	78 mm	78 mm	121 mm	114.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M SIL 79- 85	156 mm	36 mm	85 mm	85 mm	127 mm	120.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm

Pipe Clamp STABIL D-3G SIL

Type	B1	b2	D	D2	e	H	Ma	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-3G/M SIL 88- 93	164 mm	36 mm	93 mm	93 mm	135 mm	129.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M SIL 100- 106	178 mm	36 mm	106 mm	106 mm	149 mm	143.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M SIL 108- 115	187 mm	36 mm	115 mm	115 mm	158 mm	151.5 mm	M16	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G SIL 124-129	210 mm	46 mm	129 mm	129 mm	181 mm	175 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 131-137	218 mm	46 mm	137 mm	137 mm	189 mm	183 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 138-144	225 mm	46 mm	144 mm	144 mm	196 mm	190 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 148-154	235 mm	46 mm	154 mm	154 mm	206 mm	200 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 156-162	243 mm	46 mm	162 mm	162 mm	214 mm	208 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 165-171	255 mm	46 mm	171 mm	171 mm	226 mm	219 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 177-183	265 mm	46 mm	183 mm	183 mm	236 mm	229 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 188-194	276 mm	46 mm	194 mm	194 mm	247 mm	240 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 196-203	287 mm	46 mm	203 mm	203 mm	258 mm	251 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 219-225	307 mm	46 mm	225 mm	225 mm	278 mm	271 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 244-250	332 mm	46 mm	250 mm	250 mm	303 mm	296 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 267-273	355 mm	46 mm	273 mm	273 mm	326 mm	319 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G SIL 299-305	387 mm	46 mm	305 mm	305 mm	358 mm	351 mm	1/2"	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm

Certification

This product has been awarded the RAL quality marks "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655. VdS Approval No. G4950064 up to 8"

Pipe Clamp STABIL D-3G SIL

Documents

VdS Approval - Sikla Stabil D-3G silicon lining - G4950064

Pipe Clamp Stabil D3G with Lining – RAL-GZ 655

Pipe Clamp Stabil D3G with Lining – RAL-GZ 656