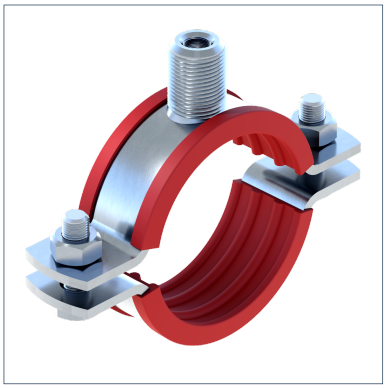
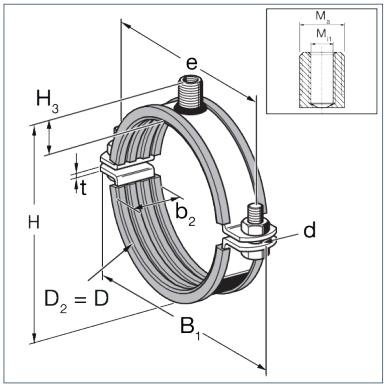
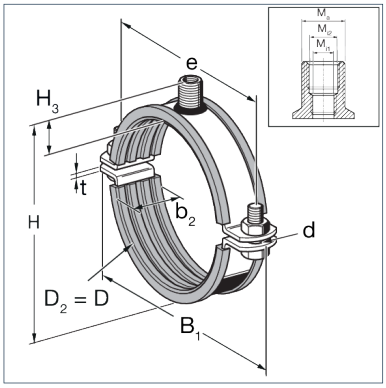
Pipe Clamp STABIL D-2G/3G SIL A4









General Information

For the installation of pipes required for all M&E services in industrial, residential and public buildings. Particularly suitable for soundproof pipe installation according to DIN 4109. Connection options without adapter, see drawing. With adapter: M12, M16, R 1/2', R 3/4', R 1'. Suitable for ceiling, floor and wall mounting.

Installation

Suitable for single-point mounting either directly by means of a threaded rod or by connecting to a Sikla Threaded Tube up to 1' using an adapter.

Size range [mm]	Tightening torque [Nm]
18 - 63	3
74 - 114	5
133 - 168	10
198 - 219	20

Temperature

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

Material Properties

Halogen-free	0
UV-resistant	0

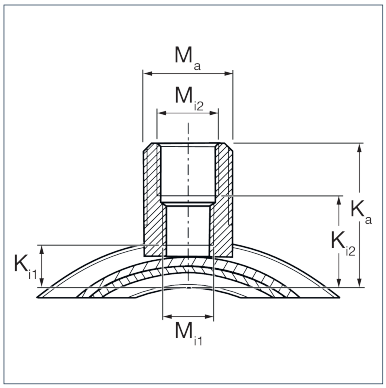
Material

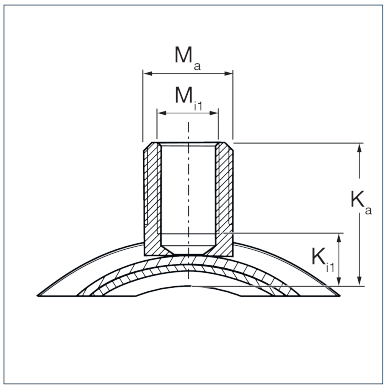
Primary element material	Stainless Steel A4
Isolating element material	silicone
Connecting element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Z,perm.}
STABIL D-2G SIL 18- 20 A4	1.50 kN
STABIL D-2G SIL 21- 24 A4	1.50 kN
STABIL D-2G SIL 25- 29 A4	1.50 kN
STABIL D-2G SIL 31- 35 A4	1.50 kN
STABIL D-2G SIL 38- 42 A4	1.50 kN

Pipe Clamp STABIL D-2G/3G SIL A4





Type	-V{Z,perm.}
STABIL D-2G SIL 46- 50 A4	1.50 kN
STABIL D-2G SIL 51- 55 A4	1.50 kN
STABIL D-2G SIL 58- 63 A4	1.50 kN
STABIL D-2G SIL 74- 78 A4	2.00 kN
STABIL D-3G SIL 86- 90 A4	2.00 kN
STABIL D-3G SIL 100-106 A4	2.00 kN
STABIL D-3G SIL 108-114 A4	2.00 kN
STABIL D-3G SIL 133-140 A4	4.00 kN
STABIL D-3G SIL 158-168 A4	4.00 kN
STABIL D-3G SIL 198-207 A4	6.00 kN
STABIL D-3G SIL 210-219 A4	6.00 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.

Types

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-2G SIL 18- 20 A4	18.00 mm	20.00 mm		M10/M16	0.178 kg/ pcs.	50 pcs.	172919
STABIL D-2G SIL 21- 24 A4	21.00 mm	24.00 mm	DN 15 (1/2")	M10/M16	0.178 kg/ pcs.	50 pcs.	172928
STABIL D-2G SIL 25- 29 A4	25.00 mm	29.00 mm	DN 20 (3/4")	M10/M16	0.184 kg/ pcs.	50 pcs.	172937
STABIL D-2G SIL 31- 35 A4	31.00 mm	35.00 mm	DN 25 (1")	M10/M16	0.191 kg/ pcs.	50 pcs.	172946
STABIL D-2G SIL 38- 42 A4	38.00 mm	42.00 mm	DN 32 (1 1/4")	M10/M16	0.219 kg/ pcs.	50 pcs.	172955
STABIL D-2G SIL 46- 50 A4	46.00 mm	50.00 mm	DN 40 (1 1/2")	M10/M16	0.230 kg/ pcs.	50 pcs.	172964
STABIL D-2G SIL 51- 55 A4	51.00 mm	55.00 mm		M10/M16	0.250 kg/ pcs.	50 pcs.	172973
STABIL D-2G SIL 58- 63 A4	58.00 mm	63.00 mm	DN 50 (2")	M10/M16	0.269 kg/ pcs.	50 pcs.	172982
STABIL D-2G SIL 74- 78 A4	74.00 mm	78.00 mm	DN 65 (2 1/2")	M10/M16	0.392 kg/ pcs.	25 pcs.	172991
STABIL D-3G SIL 86- 90 A4	86.00 mm	90.00 mm	DN 80 (3")	M12/M16/1/2"	0.454 kg/ pcs.	25 pcs.	173000

Pipe Clamp STABIL D-2G/3G SIL A4

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G SIL 100-106 A4	100.00 mm	106.00 mm		M12/M16/1/2"	0.494 kg/pcs.	25 pcs.	173072
STABIL D-3G SIL 108-114 A4	108.00 mm	114.00 mm	DN 100 (4")	M12/M16/1/2"	0.505 kg/pcs.	25 pcs.	173009
STABIL D-3G SIL 133-140 A4	133.00 mm	140.00 mm	DN 125 (5")	M12/M16/1/2"	0.993 kg/pcs.	10 pcs.	173018
STABIL D-3G SIL 158-168 A4	158.00 mm	168.00 mm	DN 150 (6")	M12/M16/1/2"	1.203 kg/pcs.	10 pcs.	173027
STABIL D-3G SIL 198-207 A4	198.00 mm	207.00 mm		M12/M16/1/2"	1.543 kg/pcs.	10 pcs.	173036
STABIL D-3G SIL 210-219 A4	210.00 mm	219.00 mm	DN 200 (8")	M12/M16/1/2"	1.593 kg/pcs.	10 pcs.	173045

Dimensions

Type	B1	b2	D	D2	d	e	H	H3	Ma	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-2G SIL 18- 20 A4	77 mm	31 mm	19 mm	19 mm	9.5 mm	57 mm	57.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 21- 24 A4	83.5 mm	31 mm	25 mm	25 mm	9.5 mm	63.5 mm	63.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 25- 29 A4	87 mm	31 mm	28 mm	28 mm	9.5 mm	67 mm	66.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 31- 35 A4	94.5 mm	31 mm	35 mm	35 mm	9.5 mm	74.5 mm	73.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 38- 42 A4	102 mm	31 mm	42 mm	42 mm	9.5 mm	82 mm	80.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 46- 50 A4	109 mm	31 mm	49 mm	49 mm	9.5 mm	89 mm	87.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 51- 55 A4	114.5 mm	31 mm	54 mm	54 mm	9.5 mm	94.5 mm	92.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 58- 63 A4	122.5 mm	31 mm	62 mm	62 mm	9.5 mm	102.5 mm	100.5 mm	21 mm	M16	M10		3 mm	13.5 mm		28.5 mm
STABIL D-2G SIL 74- 78 A4	147 mm	36 mm	77 mm	77 mm	11.5 mm	123 mm	115 mm	21 mm	M16	M10		3 mm	13 mm		28 mm
STABIL D-3G SIL 86- 90 A4	160 mm	36 mm	90 mm	90 mm	11.5 mm	136 mm	134 mm	27 mm	1/2"	M12	M16	3 mm	12 mm	27 mm	34 mm

Pipe Clamp STABIL D-2G/3G SIL A4

Type	B1	b2	D	D2	d	e	H	H3	Ma	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-3G SIL 100-106 A4	175.5 mm	36 mm	106 mm	106 mm	11.5 mm	151.5 mm	150 mm	27 mm	1/2"	M12	M16	3 mm	12 mm	27 mm	34 mm
STABIL D-3G SIL 108-114 A4	184 mm	36 mm	114 mm	114 mm	11.5 mm	160 mm	158 mm	27 mm	1/2"	M12	M16	3 mm	12 mm	27 mm	34 mm
STABIL D-3G SIL 133-140 A4	229 mm	46 mm	140 mm	140 mm	13 mm	196 mm	190 mm	27 mm	1/2"	M12	M16	4 mm	15 mm	30 mm	37 mm
STABIL D-3G SIL 158-168 A4	256.5 mm	46 mm	168 mm	168 mm	13 mm	223.5 mm	218 mm	27 mm	1/2"	M12	M16	4 mm	15 mm	30 mm	37 mm
STABIL D-3G SIL 198-207 A4	304 mm	46 mm	207 mm	207 mm	17 mm	269 mm	257 mm	27 mm	1/2"	M12	M16	4 mm	15 mm	30 mm	37 mm
STABIL D-3G SIL 210-219 A4	316 mm	46 mm	219 mm	219 mm	17 mm	281 mm	269 mm	27 mm	1/2"	M12	M16	4 mm	15 mm	30 mm	37 mm

Certification

This product is has obtained the "RAL Gütezeichen Rohrbefestigung" and is subject to external surveillance according to RAL GZ-655.

Documents

Pipe Clamp Stabil D2G/3G VA – RAL-GZ 655