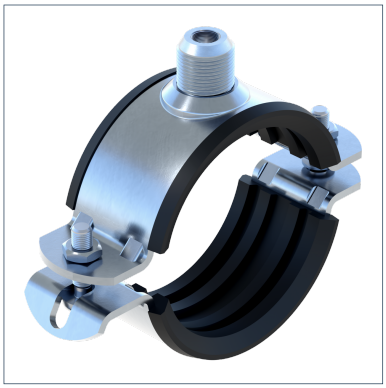
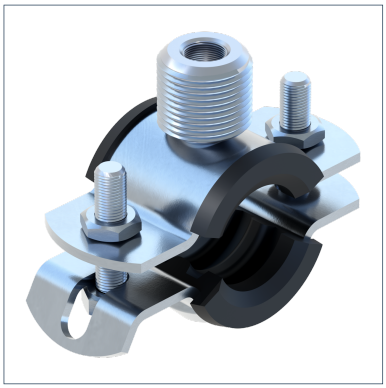
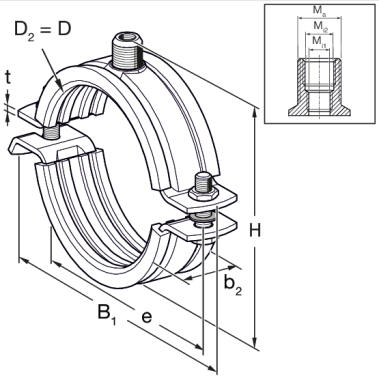
Pipe Clamp STABIL D-2G/3G ME









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.

Installation

For further adapter-based connection options via the external thread of the 3G triple thread nut, see product "Adapter AD f/f" (this chapter).

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

Size [mm]	Tightening torque [Nm]
14 - 23	2
24 - 65	2
67 - 115	3
124 - 162	5
165 - 214	10
219 - 318	10

Material Properties

Halogen-free	0
UV-resistant	0

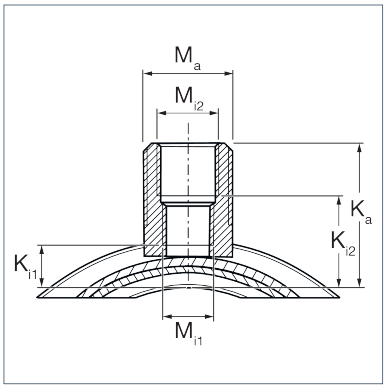
Material

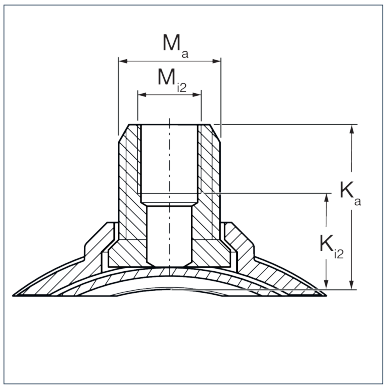
Primary element material	steel
Isolating element material	SBR/EPDM
Connecting element material	steel
Surface finish	electro galvanized (Fe//Zn)
Corrosion protection class	C2

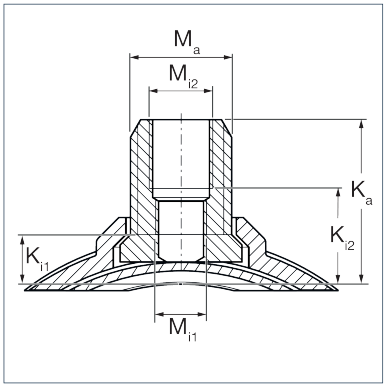
Forces

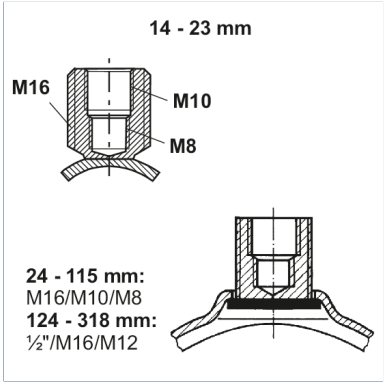
Type	-V{Z,perm.}
STABIL D-3G ME 14- 18	1.80 kN
STABIL D-3G ME 19- 23	1.80 kN
STABIL D-3G ME 24- 28	2.00 kN
STABIL D-3G ME 29- 33	2.00 kN
STABIL-D-2G ME FM 29- 33	2.00 kN

Pipe Clamp STABIL D-2G/3G ME









Type	-V{Z,perm.}
STABIL D-3G ME 33- 37	2.00 kN
STABIL-D-2G ME FM 33- 37 DN 25	2.00 kN
STABIL D-3G ME 40- 45	2.00 kN
STABIL-D-2G ME FM 40- 45 DN 32	2.00 kN
STABIL D-3G ME 47- 52	2.00 kN
STABIL D-3G ME 53- 58	2.00 kN
STABIL-D-2G ME FM 53- 58	2.00 kN
STABIL D-3G ME 60- 65	2.00 kN
STABIL-D-2G ME FM 60- 65 DN 50	2.00 kN
STABIL D-3G/M ME 67- 72	2.00 kN
STABIL D-3G/M ME 73- 78	2.00 kN
STABIL D-3G/M ME 79- 85	2.00 kN
STABIL D-3G/M ME 88- 93	2.00 kN
STABIL D-3G/M ME 100- 106	2.00 kN
STABIL D-3G/M ME 108- 115	2.00 kN
STABIL D-3G ME 124-129	2.90 kN
STABIL D-3G ME 131-137	2.90 kN
STABIL D-3G ME 138-144	2.90 kN
STABIL D-3G ME 148-154	2.90 kN
STABIL D-3G ME 156-162	2.90 kN
STABIL D-3G ME 165-171	3.50 kN
STABIL D-3G ME 177-183	3.50 kN
STABIL D-3G ME 188-194	3.50 kN
STABIL D-3G ME 196-203	3.50 kN
STABIL D-3G ME 205-214	3.50 kN
STABIL D-3G ME 219-225	6.00 kN
STABIL D-3G ME 244-250	7.50 kN
STABIL D-3G ME 267-273	7.50 kN
STABIL D-3G ME 278-284	7.50 kN
STABIL D-3G ME 299-305	7.50 kN
STABIL D-3G ME 307-318	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.

Pipe Clamp STABIL D-2G/3G ME

Fire resistance

Type	Fire Resistance 30 min	Fire Resistance 60 min	Fire Resistance 90 min	Fire Resistance 120 min
STABIL D-3G ME 14-18	0.44 kN	0.22 kN	0.15 kN	
STABIL D-3G ME 19-23	0.44 kN	0.22 kN	0.15 kN	
STABIL D-3G ME 24-28	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 29-33	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL-D-2G ME FM 29- 33	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 33-37	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL-D-2G ME FM 33- 37 DN 25	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 40-45	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL-D-2G ME FM 40- 45 DN 32	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 47-52	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 53-58	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL-D-2G ME FM 53- 58	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G ME 60-65	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL-D-2G ME FM 60- 65 DN 50	0.58 kN	0.28 kN	0.17 kN	0.11 kN
STABIL D-3G/M ME 67-72	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G/M ME 73-78	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G/M ME 79-85	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G/M ME 88-93	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G/M ME 100- 106	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G/M ME 108- 115	1.55 kN	0.9 kN	0.64 kN	0.4 kN
STABIL D-3G ME 124-129	2.22 kN	1.23 kN	0.73 kN	0.47 kN

Pipe Clamp STABIL D-2G/3G ME

Type	Fire Resistance 30 min	Fire Resistance 60 min	Fire Resistance 90 min	Fire Resistance 120 min
STABIL D-3G ME 131-137	2.22 kN	1.23 kN	0.73 kN	0.47 kN
STABIL D-3G ME 138-144	2.22 kN	1.23 kN	0.73 kN	0.47 kN
STABIL D-3G ME 148-154	2.22 kN	1.23 kN	0.73 kN	0.47 kN
STABIL D-3G ME 156-162	2.22 kN	1.23 kN	0.73 kN	0.47 kN
STABIL D-3G ME 165-171	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 177-183	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 188-194	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 196-203	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 205-214	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 219-225	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 244-250	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 267-273	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 278-284	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 299-305	2.46 kN	1.38 kN	0.96 kN	0.73 kN
STABIL D-3G ME 307-318	2.46 kN	1.38 kN	0.96 kN	0.73 kN

Types

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G ME 14-18	14.00 mm	18.00 mm	DN 10 (3/8")	M8/M10/M16	0.085 kg/pcs.	50 pcs.	107680
STABIL D-3G ME 19-23	19.00 mm	23.00 mm	DN 15 (1/2")	M8/M10/M16	0.095 kg/pcs.	50 pcs.	107699
STABIL D-3G ME 24-28	24.00 mm	28.00 mm	DN 20 (3/4")	M8/M10/M16	0.129 kg/pcs.	50 pcs.	107255
STABIL D-3G ME 29-33	29.00 mm	33.00 mm	DN 25 (1")	M8/M10/M16	0.142 kg/pcs.	50 pcs.	107264

Pipe Clamp STABIL D-2G/3G ME

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL-D-2G ME FM 29- 33	29.00 mm	33.00 mm		M10/M16 (FM)	0.140 kg/ pcs.	50 pcs.	808280
STABIL D-3G ME 33- 37	33.00 mm	37.00 mm		M8/M10/M16	0.155 kg/ pcs.	50 pcs.	107273
STABIL-D-2G ME FM 33- 37 DN 25	33.00 mm	37.00 mm		M10/M16 (FM)	0.160 kg/ pcs.	50 pcs.	808282
STABIL D-3G ME 40- 45	40.00 mm	45.00 mm	DN 32 (1 1/4")	M8/M10/M16	0.175 kg/ pcs.	50 pcs.	107282
STABIL-D-2G ME FM 40- 45 DN 32	40.00 mm	45.00 mm		M10/M16 (FM)	0.180 kg/ pcs.	50 pcs.	808284
STABIL D-3G ME 47- 52	47.00 mm	52.00 mm	DN 40 (1 1/2")	M8/M10/M16	0.189 kg/ pcs.	50 pcs.	107291
STABIL D-3G ME 53- 58	53.00 mm	58.00 mm		M8/M10/M16	0.203 kg/ pcs.	50 pcs.	107307
STABIL-D-2G ME FM 53- 58	53.00 mm	58.00 mm		M10/M16 (FM)	0.200 kg/ pcs.	50 pcs.	808288
STABIL D-3G ME 60- 65	60.00 mm	65.00 mm	DN 50 (2")	M8/M10/M16	0.219 kg/ pcs.	50 pcs.	107316
STABIL-D-2G ME FM 60- 65 DN 50	60.00 mm	65.00 mm		M10/M16 (FM)	0.220 kg/ pcs.	50 pcs.	808290
STABIL D-3G/M ME 67- 72	67.00 mm	72.00 mm		M8/M10/M16	0.310 kg/ pcs.	25 pcs.	115773
STABIL D-3G/M ME 73- 78	73.00 mm	78.00 mm	DN 65 (2 1/2")	M8/M10/M16	0.325 kg/ pcs.	25 pcs.	115774
STABIL D-3G/M ME 79- 85	79.00 mm	85.00 mm		M8/M10/M16	0.342 kg/ pcs.	25 pcs.	115775
STABIL D-3G/M ME 88- 93	88.00 mm	93.00 mm	DN 80 (3")	M8/M10/M16	0.374 kg/ pcs.	25 pcs.	115776
STABIL D-3G/M ME 100- 106	100.00 mm	106.00 mm		M8/M10/M16	0.403 kg/ pcs.	25 pcs.	115778
STABIL D-3G/M ME 108- 115	108.00 mm	115.00 mm	DN 100 (4")	M8/M10/M16	0.432 kg/ pcs.	25 pcs.	115780
STABIL D-3G ME 124-129	124.00 mm	129.00 mm		M12/M16/1/2"	0.920 kg/ pcs.	10 pcs.	107389
STABIL D-3G ME 131-137	131.00 mm	137.00 mm		M12/M16/1/2"	0.969 kg/ pcs.	10 pcs.	107398
STABIL D-3G ME 138-144	138.00 mm	144.00 mm	DN 125 (5")	M12/M16/1/2"	0.997 kg/ pcs.	10 pcs.	107404
STABIL D-3G ME 148-154	148.00 mm	154.00 mm		M12/M16/1/2"	1.010 kg/ pcs.	10 pcs.	107413
STABIL D-3G ME 156-162	156.00 mm	162.00 mm		M12/M16/1/2"	1.086 kg/ pcs.	10 pcs.	107422

Pipe Clamp STABIL D-2G/3G ME

Type	Size min.	Size max.	DN	Thread connection	Weight	Quantity	Part number
STABIL D-3G ME 165-171	165.00 mm	171.00 mm	DN 150 (6")	M12/M16/1/2"	1.212 kg/ pcs.	10 pcs.	107431
STABIL D-3G ME 177-183	177.00 mm	183.00 mm		M12/M16/1/2"	1.264 kg/ pcs.	10 pcs.	107440
STABIL D-3G ME 188-194	188.00 mm	194.00 mm		M12/M16/1/2"	1.298 kg/ pcs.	10 pcs.	107459
STABIL D-3G ME 196-203	196.00 mm	203.00 mm		M12/M16/1/2"	1.368 kg/ pcs.	10 pcs.	148911
STABIL D-3G ME 205-214	205.00 mm	214.00 mm		M12/M16/1/2"	1.409 kg/ pcs.	10 pcs.	148920
STABIL D-3G ME 219-225	219.00 mm	225.00 mm	DN 200 (8")	M12/M16/1/2"	1.478 kg/ pcs.	10 pcs.	107468
STABIL D-3G ME 244-250	244.00 mm	250.00 mm		M12/M16/1/2"	1.598 kg/ pcs.	10 pcs.	107477
STABIL D-3G ME 267-273	267.00 mm	273.00 mm	DN 250 (10")	M12/M16/1/2"	1.696 kg/ pcs.	10 pcs.	107486
STABIL D-3G ME 278-284	278.00 mm	284.00 mm		M12/M16/1/2"	1.663 kg/ pcs.	10 pcs.	112718
STABIL D-3G ME 299-305	299.00 mm	305.00 mm		M12/M16/1/2"	1.870 kg/ pcs.	10 pcs.	107495
STABIL D-3G ME 307-318	307.00 mm	318.00 mm		M12/M16/1/2"	1.950 kg/ pcs.	10 pcs.	189974

Dimensions

Type	B1	b2	D	D2	e	Ma	H	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-3G ME 14- 18	63 mm	31 mm	18 mm	18 mm	41 mm	M16	49.1 mm	M8	M10	2 mm	8.03 mm	15.27 mm	23.62 mm
STABIL D-3G ME 19- 23	69 mm	31 mm	23 mm	23 mm	48 mm	M16	55.1 mm	M8	M10	2 mm	8.03 mm	15.27 mm	23.62 mm
STABIL D-3G ME 24- 28	74 mm	38 mm	28 mm	28 mm	52.5 mm	M16	62 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G ME 29- 33	80 mm	38 mm	33 mm	33 mm	58.5 mm	M16	68 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL-D-2G ME FM 29- 33	80 mm	38 mm	33 mm	33 mm	58.5 mm	M16	68 mm		M10	2.5 mm		15.07 mm	26.08 mm
STABIL D-3G ME 33- 37	85 mm	38 mm	37 mm	37 mm	64 mm	M16	72 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL-D-2G ME FM 33- 37 DN 25	85 mm	38 mm	37 mm	37 mm	64 mm	M16	72 mm		M10	2.5 mm		15.07 mm	26.08 mm
STABIL D-3G ME 40- 45	94 mm	38 mm	45 mm	45 mm	72.5 mm	M16	80 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm

Pipe Clamp STABIL D-2G/3G ME

Type	B1	b2	D	D2	e	Ma	H	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL-D-2G ME FM 40- 45 DN 32	94 mm	38 mm	45 mm	45 mm	72.5 mm	M16	80 mm		M10	2.5 mm		15.07 mm	26.08 mm
STABIL D-3G ME 47- 52	104 mm	38 mm	52 mm	52 mm	83 mm	M16	86 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL D-3G ME 53- 58	111 mm	38 mm	58 mm	58 mm	90 mm	M16	92 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL-D-2G ME FM 53- 58	111 mm	38 mm	58 mm	58 mm	90 mm	M16	92 mm		M10	2.5 mm		15.07 mm	26.08 mm
STABIL D-3G ME 60- 65	117 mm	38 mm	65 mm	65 mm	96 mm	M16	99 mm	M8	M10	2.5 mm	6.32 mm	15.07 mm	26.08 mm
STABIL-D-2G ME FM 60- 65 DN 50	117 mm	38 mm	65 mm	65 mm	96 mm	M16	99 mm		M10	2.5 mm		15.07 mm	26.08 mm
STABIL D-3G/M ME 67- 72	144 mm	38 mm	72 mm	72 mm	115 mm	M16	108.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M ME 73- 78	150 mm	38 mm	78 mm	78 mm	121 mm	M16	114.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M ME 79- 85	156 mm	38 mm	85 mm	85 mm	127 mm	M16	120.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M ME 88- 93	164 mm	38 mm	93 mm	93 mm	135 mm	M16	129.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M ME 100- 106	178 mm	38 mm	106 mm	106 mm	149 mm	M16	143.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G/M ME 108- 115	187 mm	38 mm	115 mm	115 mm	158 mm	M16	151.5 mm	M8	M10	3 mm	7.11 mm	16.08 mm	26.79 mm
STABIL D-3G ME 124-129	210 mm	48 mm	129 mm	129 mm	181 mm	1/2"	175 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 131-137	218 mm	48 mm	137 mm	137 mm	189 mm	1/2"	183 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 138-144	225 mm	48 mm	144 mm	144 mm	196 mm	1/2"	190 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 148-154	235 mm	48 mm	154 mm	154 mm	206 mm	1/2"	200 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 156-162	243 mm	48 mm	162 mm	162 mm	214 mm	1/2"	208 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 165-171	255 mm	48 mm	171 mm	171 mm	226 mm	1/2"	219 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 177-183	265 mm	48 mm	183 mm	183 mm	236 mm	1/2"	229 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 188-194	276 mm	48 mm	194 mm	194 mm	247 mm	1/2"	240 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm

Pipe Clamp STABIL D-2G/3G ME

Type	B1	b2	D	D2	e	Ma	H	Mi1	Mi2	t	Ki1	Ki2	Ka
STABIL D-3G ME 196-203	287 mm	48 mm	203 mm	203 mm	258 mm	1/2"	251 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 205-214	296 mm	48 mm	214 mm	214 mm	267 mm	1/2"	260 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 219-225	307 mm	48 mm	225 mm	225 mm	278 mm	1/2"	271 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 244-250	332 mm	48 mm	250 mm	250 mm	303 mm	1/2"	296 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 267-273	355 mm	48 mm	273 mm	273 mm	326 mm	1/2"	319 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 278-284	366 mm	48 mm	284 mm	284 mm	337 mm	1/2"	330 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 299-305	387 mm	48 mm	305 mm	305 mm	358 mm	1/2"	351 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm
STABIL D-3G ME 307-318	400 mm	48 mm	318 mm	318 mm	371 mm	1/2"	364 mm	M12	M16	4 mm	9.64 mm	22.65 mm	34.9 mm

Certification

This product has been awared the RAL quality mark "pipe supports" and "fire-tested pipe supports" and is subject to continuous external monitoring according to RAL GZ-655.

FM Approval applies only to the following variants:
- STABIL D-3G in sizes from 29 to 115 mm with a production date up to 04/2026
- STABIL D-3G in sizes from 124 to 162 mm
- STABIL D-2G in all sizes

Documents

FM Approval Statement – Stabil D-2G Pipe Clamp

Pipe Clamp Stabil D3G with Lining – RAL-GZ 655

Pipe Clamp Stabil D3G with Lining – RAL-GZ 656