



Stabil D-3G w/ Lining

Group: 1241

Application

For soundproof installation of pipes required for all M&E services in industrial, residential and public buildings.

Scope of delivery

Sizes 14 to 115 mm are equipped with welded nuts for the clamping bolts. On the joint side, the clamping bolt is pre-assembled; the clamping bolt on the opposite side is mounted into the bore hole and retained by a plastic washer, thus preventing any accidental unscrewing.

For sizes 124 and larger the clamping bolts and the required nuts are supplied in loose form.

With welded 3G triple thread nut; galvanised; with sound absorption lining. For further adapter-based connection options via the external thread of the 3G triple thread nut, see product "Adapter AD f/f" (this chapter).

Technical Data

Size [mm]	Working load (tension)	Tightening torque [Nm]
14 - 23	1,8 kN	2
24 - 65	2,0 kN	2
67 - 115	2,0 kN	3
124 - 162	2,9 kN	5
165 - 214	3,5 kN	10
219 - 318	7,5 kN	10

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.

Perm. load $FZ_{perm,fi}$ in case of fire

Size range [mm]	FWD 30 [N]	FWD 60 [N]	FWD 90 [N]	FWD 120 [N]	Deformation δ_{max} [mm]	Thread \geq
14 - 23	380	200	140	-	49	M10
24 - 65	500	250	170	120	44	M10
67 - 115	1000	650	500	400	96	M10
124 - 162	2200	1200	850	600	96	M12
165 - 305	2400	1400	1000	850	104	M12

Material:

Metal components:

Steel, electro-galvanised

Sound absorption lining:

SBR/EPDM stuck in (black) - (see chapter "Sound Absorption Products")

Approvals / Compliance



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

* = no RAL quality mark

For the size ranges of 67 - 72 up to 108 - 115 two connection variants are temporarily available.

Size range [mm]	NB	Material W x th [mm]	Thread connection	B [mm]	W [kg]	Quantity [pack]	Part number
14 - 18	3/8"	25 x 2.0	M16/M10/M8	63	0.08	50	107680
19 - 23	1/2"	25 x 2.0	M16/M10/M8	69	0.09	50	107699
24 - 28	3/4"	30 x 2.5	M16/M10/M8	74	0.12	50	107255
29 - 33	1"	30 x 2.5	M16/M10/M8	81	0.14	50	107264
33 - 37		30 x 2.5	M16/M10/M8	85	0.15	50	107273
40 - 45	1 1/4"	30 x 2.5	M16/M10/M8	94	0.17	50	107282
47 - 52	1 1/2"	30 x 2.5	M16/M10/M8	104	0.19	50	107291
53 - 58		30 x 2.5	M16/M10/M8	110	0.19	50	107307
60 - 65	2"	30 x 2.5	M16/M10/M8	117	0.21	50	107316
67 - 72 M		30 x 3.0	M16/M10/M8	137	0.30	25	115773
73 - 78 M	2 1/2"	30 x 3.0	M16/M10/M8	143	0.31	25	115774
79 - 85 M		30 x 3.0	M16/M10/M8	149	0.33	25	115775
88 - 93 M	3"	30 x 3.0	M16/M10/M8	157	0.36	25	115776
100 - 106 M		30 x 3.0	M16/M10/M8	171	0.39	25	115778
108 - 115 M	4"	30 x 3.0	M16/M10/M8	180	0.42	25	115780
124 - 129		40 x 4.0	1/2"/M16/M12	210	0.89	10	107389
131 - 137		40 x 4.0	1/2"/M16/M12	218	0.93	10	107398
138 - 144	5"	40 x 4.0	1/2"/M16/M12	225	0.96	10	107404
148 - 154		40 x 4.0	1/2"/M16/M12	235	1.00	10	107413
156 - 162		40 x 4.0	1/2"/M16/M12	243	1.05	10	107422
165 - 171	6"	40 x 4.0	1/2"/M16/M12	255	1.18	10	107431
177 - 183		40 x 4.0	1/2"/M16/M12	265	1.23	10	107440
188 - 194		40 x 4.0	1/2"/M16/M12	276	1.25	10	107459
196 - 203		40 x 4.0	1/2"/M16/M12	287	1.32	10	148911
205 - 214		40 x 4.0	1/2"/M16/M12	296	1.35	10	148920
219 - 225	8"	40 x 4.0	1/2"/M16/M12	307	1.41	10	107468
244 - 250		40 x 4.0	1/2"/M16/M12	332	1.55	10	107477
267 - 273	10"	40 x 4.0	1/2"/M16/M12	355	1.62	10	107486
278 - 284		40 x 4.0	1/2"/M16/M12	366	1.67	10	112718
299 - 305		40 x 4.0	1/2"/M16/M12	387	1.80	10	107495
307 - 318 *		40 x 4.0	1/2"/M16/M12	400	1.95	10	189974