



Stabil D-3G w/lining HCP

Group: 1843

Application

Pipe Clamp for the installation of pipes required for all M&E services in industrial buildings. Pipe clamp with sound absorption lining suitable for sound proof pipe fixation according to DIN 4109.

Scope of delivery

Sizes 14 to 115 mm are equipped with articulation and welded-on 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 mm and larger the clamping bolts and nuts required are supplied in bulk. For further connecting options with Adapters, see product "Adapter AD f/f" (this chapter).

Installation

FM size range 1" to 4" is approved with \geq M10 only.
For FM applications use M10 only.

Technical Data

Size [mm]	Max. perm. load (tension)	Tightening torque [Nm]
14 - 23	1.8 kN	2
24 - 65	2.0 kN	3
67 - 115	2.0 kN	3
124 - 162	2.9 kN	5
165 - 318	8.0 kN	10

The max. permissible load is calculated using specific statistical methods relating to break loads 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:

Pipe Clamp:

Steel, HCP

Sound absorption lining:

SBR/EPDM, black glued-in (for rubber profiles see chapter "Sound Absorption Elements")

Approvals / Conformity

FM-Approval für die Spannbereiche 29 - 171



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 quality mark

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	112249
19 - 23	1/2"	25 x 2.0	M16/M10/M8	69	0.09	50	112250
24 - 28	3/4"	30 x 2.5	M16/M10/M8	74	0.12	50	112251
29 - 33	1"	30 x 2.5	M16/M10/M8	81	0.14	50	112252
33 - 37		30 x 2.5	M16/M10/M8	85	0.15	50	112253
40 - 45	1 1/4"	30 x 2.5	M16/M10/M8	94	0.16	50	112254
47 - 52	1 1/2"	30 x 2.5	M16/M10/M8	104	0.18	50	112255
53 - 58		30 x 2.5	M16/M10/M8	110	0.19	50	112256
60 - 65	2"	30 x 2.5	M16/M10/M8	117	0.21	50	112257
67 - 72 M		30 x 3.0	M16/M10/M8	137	0.30	25	115781
73 - 78 M	2 1/2"	30 x 3.0	M16/M10/M8	143	0.31	25	115782
79 - 85 M		30 x 3.0	M16/M10/M8	149	0.33	25	115783
88 - 93 M	3"	30 x 3.0	M16/M10/M8	157	0.36	25	115784
100 - 106 M		30 x 3.0	M16/M10/M8	171	0.39	25	115785
108 - 115 M	4"	30 x 3.0	M16/M10/M8	180	0.42	25	115786
124 - 129		40 x 4.0	1/2"/M16/M12	210	0.86	10	112266
131 - 137		40 x 4.0	1/2"/M16/M12	218	0.90	10	112267
138 - 144	5"	40 x 4.0	1/2"/M16/M12	225	0.94	10	112268
148 - 154		40 x 4.0	1/2"/M16/M12	235	0.98	10	112269
156 - 162		40 x 4.0	1/2"/M16/M12	243	1.02	10	112270
165 - 171	6"	40 x 4.0	1/2"/M16/M12	255	1.08	10	112271
177 - 183		40 x 4.0	1/2"/M16/M12	265	1.18	10	112272
188 - 194		40 x 4.0	1/2"/M16/M12	276	1.22	10	112273
196 - 203		40 x 4.0	1/2"/M16/M12	287	1.29	10	112274
205 - 214		40 x 4.0	1/2"/M16/M12	296	1.32	10	112275
219 - 225	8"	40 x 4.0	1/2"/M16/M12	307	1.38	10	112276
244 - 250		40 x 4.0	1/2"/M16/M12	332	1.52	10	112278
267 - 273	10"	40 x 4.0	1/2"/M16/M12	355	1.60	10	112280
278 - 284		40 x 4.0	1/2"/M16/M12	366	1.67	10	112281
299 - 305		40 x 4.0	1/2"/M16/M12	387	1.76	10	112282
307 - 318 *		40 x 4.0	1/2"/M16/M12	400	1.83	10	112283