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c	Text lay direction removed	28.10.2020	Berger	Name
b	tab. min length mm (approx. applied length), drawing update	22.01.2019	Gruber	Date
a	Art. 9320.08 added, drawing update	17.09.2014	Höfler	Name
Letter	Revision	Date	Name	

Art. No.	Reference	Conductor Diameter range mm ϕ		min. length mm	Approx. Weight per 100 (kg)
		Min.	Max.		
9320.01	51-PAE-2,03/3,42	2,03	3,42	510	3,0
9320.02	112-PAE-3,43/4,41	3,43	4,41	1120	13,1
9320.03	116-PAE-4,42/6,34	4,42	6,34	1160	25,5
9320.04	124-PAE-6,35/8,30	6,35	8,30	1240	27,5
9320.05	130-PAE-8,31/11,72	8,31	11,72	1300	29,7
9320.06	135-PAE-11,73/14,32	11,73	14,32	1345	32,0
9320.07	165-PAE-14,33/19,30	14,33	19,30	1615	92,7
9320.08	196-PAE-19,00/22,00	19,00	22,00	1960	112,5

Description:

Preformed Spiral Vibration Dampers are designed to subdue high-frequency vibrations occurring on small diameter conductors (usual on distribution lines) and earthwires.

They are made of PVC, which is light, corrosion resistant, do not produce a localized pressure on the conductor, and are not affected by galloping.

Although the degree of protection required for a particular distribution line depends on a series of factors, such as the design of the line itself, the extreme temperatures and wind speeds expected, and the vibration history of other similar lines in the same area, as a general recommendation these accessories should be used on spans exceeding 115 m, with 15% tension at 16°C.

In any experimental zones, and where the vibration tendencies of existing lines are known, vibration dampers are recommended for conductors with an exterior diameter of between 3 and 20 mm.

For spans greater than 244 m two dampers are recommended, one on each side of the support point.

For accessories corresponding to conductors and cables not included in this catalogue, please contact us.

1999	Date	Name		Replace for	Sim. to drg.-no.
Drawn	12.01.	Grimm		Replaced by	
Checked	12.01.	Grimm		Art. No.	s. tab.
			Title Vibration spiral damper	Drg. No. F1003020	Rev. Mod. c A3
Scale NTS				No. of pages Page	

Tolerance acc. to: --- Short circuit current: --- kA 1s Breaking load: --- kN Mass: s. tab.