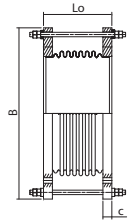


# VIBRATION ABSORBERS WITH WELDED FLANGES AND TIE RODS

VI1FT / ID no. 90

PN 16 - with flange drilling according to EN 1092-1

Weblink: 13002



DN	MOVEMENT			LENGTH	ID no.	WIDTH		FLANGE	ADJUSTING FORCES			NATURAL FREQUENCY				WEIGHT
	Nominal diameter	LA	Vibrations in all planes			Built-in length	Max. width approx.		Thickness	CA	Cp	Cr	Gaseous media		Liquid media	
	2λN	mm	mm	Lo	B	c	N/mm	N/mm bar	N/bar	axial	lateral	axial	lateral	kg		
	mm		mm	mm	mm	mm				ω <sub>a</sub>	ω <sub>l</sub>	ω <sub>a</sub>	ω <sub>l</sub>			
										Hz	Hz	Hz	Hz			
50	11	0,5	130	90.207.10	251	18	69	0	9,9	410	659	376	517	7,6		
65	7	0,5	130	90.208.10	271	22	163	0	17	418	947	376	680	9,9		
80	9	0,5	130	90.209.10	286	22	163	0	28	239	700	215	502	11,3		
100	7	0,5	130	90.210.10	306	22	285	0	45	212	776	190	525	12,4		
125	8	0,5	130	90.211.10	336	22	417	0	66	165	733	150	512	15,2		
150	5	0,5	130	90.212.10	371	27	1050	0	83	182	1033	163	705	21,0		
200	5	0,5	130	90.214.10	442	27	1980	0	161	143	1055	130	725	28,1		
250	4	0,5	130	90.215.10	507	27	4270	0	250	137	1267	127	869	38,9		
300	2	0,5	130	90.216.10	562	32	13300	0	350	159	2011	147	1324	52,0		

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Design code: EN 14917

Temperature: Calculated at 20°C (EN 1333)

Minimum fatigue life: 1000 cycles (2λN).

Vibrations: 0,5 mm in all planes.

**Natural frequency**

Density for media is set to

Gaseous media: 2 kg/m<sup>3</sup>.Liquid media: 1000 kg/m<sup>3</sup>.

Please refer to Weblink 13002 or the QR code to access online tools and online inquiry/order form and more

information about: **Primer, connection ends, inner sleeve, cover etc.**