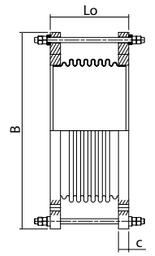
VIBRATION ABSORBERS WITH WELDED FLANGES AND TIE RODS

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
										Gaseous media		Liquid media		
Nominal diameter	LA 2λN mm	Vibrations in all planes mm	Built-in length Lo mm		Max. width approx. B mm	Thickness c mm	Cλ N/mm	Cp N/mm bar	Cr N/bar	axial ω_a Hz	lateral ω_l Hz	axial ω_a Hz	lateral ω_l Hz	kg
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

DN	MOVEMENT		LENGTH	ID no.	WIDTH	FLANGE	ADJUSTING FORCES			NATURAL FREQUENCY				WEIGHT
										Gaseous media		Liquid media		
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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^3.
Liquid media: 1000 kg/m^3.

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.**

B022016-1 – Subject to alterations and eventual misprints

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