

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

<u>Lubrication free internal piston vibratortype FPLF35M</u>

Description:

Lubrication free pneumatic piston vibrators for a linear vibration with unlimited fine-tuning facilities for amplitude and frequency. Wide range.

VIBRATING AND PNEUMATIC CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (strike/min)	3000	4000	4600
Force (N)	248	778	1080
Force (LBS)	55,86	175,23	243,24
Air cons. (I/min)	24	83	141
Air cons. (CF)	0,86	2,96	5,04

Typical applications:

- Foodstuffs and pharmaceuticals
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processesFilling facilities

Construction:

- Lubrication free operation possible.
 Extra hard and corrosion-resistant surface through aluminium oxidegenerated by titaniferous electrolyte.

 • Ideally suited for foodstuffs, drinks and pharmaceuticals.

Properties:

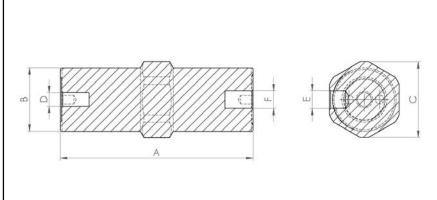
- Efficient
- Nominal frequency 3000 4600 strikes/min
 Centrifugal force 248 1080 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
 Resistant to extreme environmental conditions
- · Extremely low noise level



Design:

Housing made from hard-anodized aluminium alloy Piston made from leaded-bronze Steel spring starting device Sound-absorbing air outlet system Hard anodized aluminium base Threaded insert for mounting purposes

DIMENSIONAL SPECIFICATIONS



2					
		mm		inch	
	Α	116		4,57	
	В	116		4,57	
	С	65		2,56	
	D	M12		M12	
	E	G 1/4"		G 1/4"	
	F	G 1/4"		G 1/4"	
ľ			kg		LBS
	Vibrator weight		1,04		2,311
	Housing weight		0.61		1 356

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		kg	LBS
	Vibrator weight	1,04	2,311
	Housing weight	0,61	1,356
	Piston weight	0,43	0,956

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