

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

<u>Lubrication free internal piston vibratortype FPLF12XS</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)	6000	9000	11500 68			
Force (N)	22	48				
Force (LBS)	4,95	10,81	15,32			
Air cons. (I/min)	0,8	6	15			
Air cons. (CF)	0,03	0,21	0,54			

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:

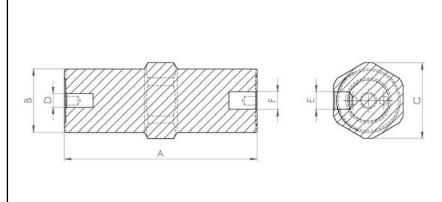
- Efficient
- Nominal frequency 6000 11500 strikes/min
 Centrifugal force 22 68 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
 Resistant to extreme environmental conditions
- · Extremely low noise level



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



<u> </u>						
		mm		inch		
١	Α	50		1,97		
١	В	50		1,97		
١	С	37		1,46		
١	D	M8		M8		
١	E	G 1/8"		G 1/8"		
١	F	G 1/8"		G 1/8"		
١						
١						
١						
			kg		LBS	
J	Vibrator weight		0,12		0,267	
	Housing w	eight	0.105		0.233	

	kg		LBS		
Vibrator weight	0,12		0,267		
Housing weight		.05	0,233		
Piston weight	0,0	15	0,033		
	Housing weight	Vibrator weight 0,1 Housing weight 0,1	Vibrator weight 0,12 Housing weight 0,105		

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