

## Lubrication free internal piston vibratory type FPLF12M

ACBMV B. CASADIO VIBRATION  
 Z.I. Mi-Plaine  
 51 Rue Ampère  
 B.P. 31  
 69682 CHASSIEU CEDEX (FRANCE)  
 Tel.: 04 78 90 87 87 / Fax.: 04 78 90 87 88  
 Email: vibrateur@orange.fr  
 Internet: acbmv.com

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

### VIBRATING AND PNEUMATIC CHARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (strike/min)	5000	6000	6700
Force (N)	34	58	74
Force (LBS)	7,66	13,06	16,67
Air cons. (l/min)	0,5	4	19
Air cons. (CF)	0,02	0,14	0,68

- Typical applications:**
- Foodstuffs and pharmaceuticals
  - Driving conveyor and discharge chutes
  - Loosening or compacting of bulk materials
  - Starting up of mechanical processes
  - Filling facilities

- Construction:**
- Lubrication free operation possible.
  - Extra hard and corrosion-resistant surface through aluminium oxide-generated by titaniferous electrolyte.
  - Ideally suited for foodstuffs, drinks and pharmaceuticals.

**Properties:**

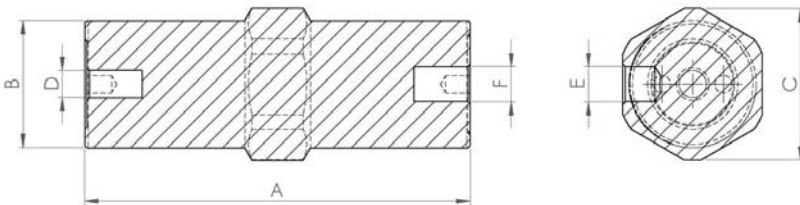
- Efficient
- Nominal frequency 5000 – 6700 strikes/min
- Centrifugal force 34 – 74 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level



**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



	mm	inch
A	81	3,19
B	81	3,19
C	34	1,34
D	M8	M8
E	G 1/8"	G 1/8"
F	G 1/8"	G 1/8"

	kg	LBS
Vibrator weight	0,173	0,384
Housing weight	0,14	0,311
Piston weight	0,03	0,067

This data and outline drawings of this technical sheet are the property of ACBMV company. Don't reproduce or copy without authorization. This data and outline drawings are intended to depict overall dimensions and do not necessarily represent the machine exterior. Information contained herein is subject to change without notice.