

## Lubrication free internal piston vibratorytype FPLF60M

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: acbm.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)	1950	2400	2700
Force (N)	610	1400	2170
Force (LBS)	439,19	540,54	608,11
Air cons. (l/min)	90	180	275
Air cons. (CF)	3,21	6,43	9,82

**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:**

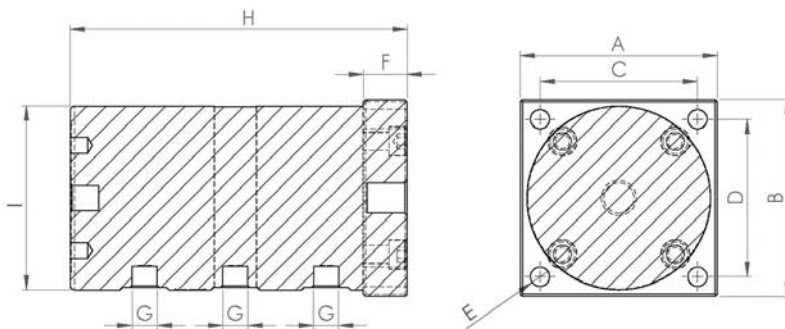
- Efficient
- Nominal frequency 610 – 2170 strikes/min
- Centrifugal force 1950 – 2700 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level



**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	110	4,33
B	110	4,33
C	90	3,55
D	90	3,55
E	8,8	0,35
F	20	0,79
G	G 1/4"	G 1/4"
H	G 3/8"	G 3/8"
I	G 3/8"	G 1/4"
J	G 1/4"	154
K	154	94

	kg	LBS
Vibrator weight	4,25	9,444
Housing weight	1520	3378
Piston weight	2150	4778