

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](mailto:vibrateur@orange.fr)  
Internet: [acbm.com](http://acbm.com)

## Internal piston vibratortype FP12M EX

CE EX II 2 G/D c T6 T85°C

### Description:

Pneumatic piston vibrators for 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 (RPM)	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:

- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

### Construction:

Aluminium housing surface-hardened and corrosion-resistant

### Properties:

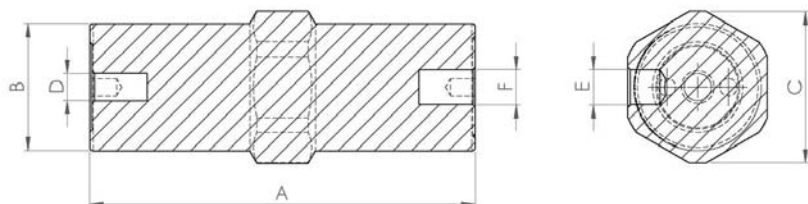
- Quiet and efficient
- Nominal frequency 5000 – 6700 strikes/min
- Centrifugal force 34 – 74 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level

### 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	31	1,22
C	37	1,46
D	M8	M8
E	G 1/8"	G 1/8"
F	G 1/8"	G 1/8"
	kg	LBS
Vibrator weight	0,17	0,378
Housing weight	0,14	0,311
Piston weight	0,03	0,067