

ACBMV B. CASADIO VIBRATION
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Lubrication free internal piston vibratortype FPLF12M EX

CE EX II 2 G/D c T6 T85°C

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 (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:

- 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:

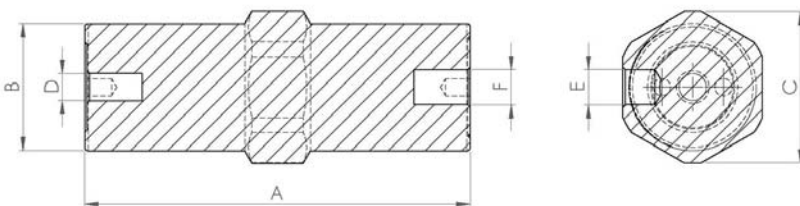
- Efficient
- Nominal frequency 5000 – 6700 strikes/min
- Centrifugal force 34 – 74 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level



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