TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

ACBMV B. CASADIO VIBRATION
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Lubrication free internal piston vibratortype FPLF12XS 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 CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	6000	9000	11500
Force (N)	22	48	68
Force (LBS)	4,95	10,81	15,32
Air cons. (l/min)	0,8	6	15
Air cons. (CF)	0,03	0,21	0,54

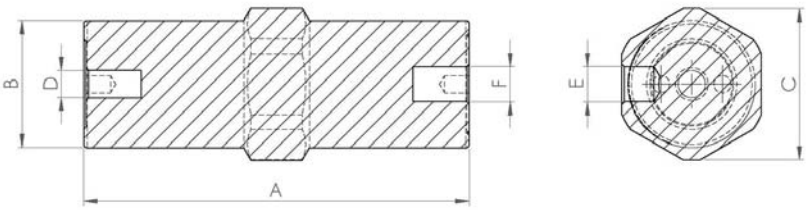
Typical applications:
- Foodstuffs and pharmaceuticals
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

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 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



	mm	inch
A	50	1,97
B	50	1,97
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	0,12	0,267
Housing weight	0,105	0,233
Piston weight	0,015	0,033

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