TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Lubrication free internal piston vibratortype FPLF12S

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 CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (strike/min)	6200	7800	9300
Force (N)	34	70	92
Force (LBS)	7,66	15,77	20,72
Air cons. (l/min)	0,8	7,5	25
Air cons. (CF)	0,03	0,27	0,89

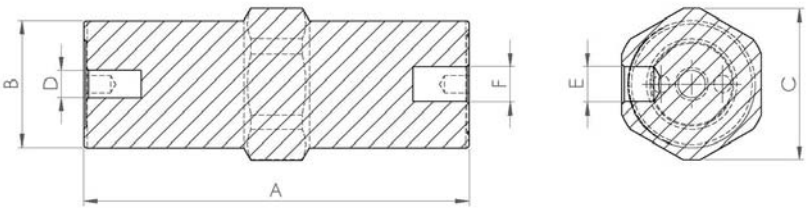
Typical applications:
- Foodstuffs and pharmaceuticals
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

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 6200 – 9300 strikes/min
- Centrifugal force 34 – 92 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	71	2,80
B	71	2,80
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	0,148	0,329
Housing weight	0,125	0,278
Piston weight	0,02	0,044

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