

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

# TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

# <u>Lubrication free internal piston vibratortype FPLF18S</u>

#### 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)	5000	6400	7700
Force (N)	66	134	187
Force (LBS)	14,86	30,18	42,12
Air cons. (I/min)	5	33	57
Air cons. (CF)	0,18	1,18	2,04

### Typical applications:

- Foodstuffs and pharmaceuticals
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processesFilling facilities

#### Construction:

- Lubrication free operation possible.
  Extra hard and corrosion-resistant surface through aluminium oxidegenerated by titaniferous electrolyte.

  • Ideally suited for foodstuffs, drinks and pharmaceuticals.

### Properties:

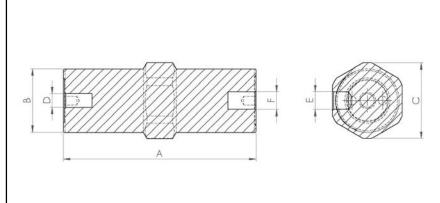
- Efficient
- Nominal frequency 5000 7700 strikes/min
- Centrifugal force 66 187 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
  Resistant to extreme environmental conditions
- · Extremely low noise level



## 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**



2					
		mm		inch	
	Α	81		3,19	
	В	81		3,19	
	С	42		1,65	
	D	M10		M10	
	E	G 1/8"		G 1/8"	
	F	G 1/8"		G 1/8"	
ľ			kg		LBS
	Vibrator weight		0,28		0,622
	Housing weight		0.22		0.489

ı			
		kg	LBS
	Vibrator weight	0,28	0,622
	Housing weight	0,22	0,489
	Piston weight	0,06	0,133

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