

ACBMV B. CASADIO VIBRATION

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# TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

## **Internal piston vibratortype FP25S 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 CARACTERISTICS**

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI		
Frequency (RPM)	3600	4300	5500		
Force (N)	126	270	416		
Force (LBS)	28,38	60,81	93,69		
Air cons. (I/min)	13	54	93		
Air cons. (CF)	0,46	1,93	3,32		

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:

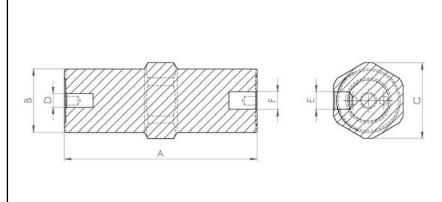
- Quiet and efficient
- Nominal frequency 3600 5500 strikes/min
  Centrifugal force 126 416 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
  Resistant to extreme environmental conditions
- · Extremely low noise level



## 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			
	Α	98		3,86			
	В	48		1,89			
١	С	53,5		2,11			
١	D	M12		M12			
١	E	G 1/8"		G 1/8"			
١	F	G 1/8"		G 1/8"			
١							
١							
١			kg	_	LBS		
	Vibrator weight		0,53		1,178		
	Housing weight		0,375		0,833		

0,155

0.344

Piston weight

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