

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

<u>Lubrication free external piston vibratortype FAL18</u>

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 (strike/min)	1420	1900	2250
Force (N)	60	140	205
Force (LBS)	13,51	31,53	46,17
Air cons. (I/min)	20	40	60
Air cons. (CF)	0,71	1,43	2,14

Typical applications:

- Foodstuffs and pharmaceuticals (lubrication free version FAL)
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processesFilling facilities

Construction:

- With a freely flying piston, the tapered end of which protrudes from the vibrator's housing.
 Lubrication free operation possible (FAL).
- Its optimum power to weight ratio makes its employment in producing conveying impulses particularly efficient.

Properties:

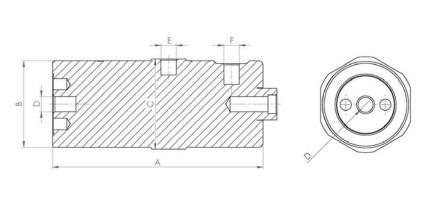
- Quiet and efficient
- Nominal frequency 1420 2250 strikes/min
 Centrifugal force 60 205 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
 Resistant to extreme environmental conditions
- · Extremely low noise level



Design:

Housing made from hard-anodized aluminium alloy, steel or plastic Piston made from leaded-bronze or steel Threaded insert for mounting purposes

DIMENSIONAL SPECIFICATIONS



<u> </u>						
		mm		inch		
	Α	117		4,61		
	В	48		1,89		
	С	53		2,09		
	D	M10		M10		
	E	G 1/8"		G 1/8"		
	F	G 1/8"		G 1/8"		
ľ			kg		LBS	
	Vibrator weight		0,73		1,622	
	Housing weight		0.45		1 000	

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		kg		LBS	
	Vibrator weight	0,73		1,622	
	Housing weight	0,45		1,000	
	Piston weight	0,245	5	0,544	