

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

<u>Lubrication free external piston vibratortype FAL8 EX</u>

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)	2050	2900	3400			
Force (N)	12	30	42			
Force (LBS)	2,70	6,76	9,46			
Air cons. (I/min)	8	18	30			
Air cons. (CF)	0,29	0,64	1,07			

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:

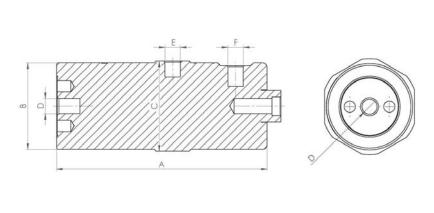
- Quiet and efficient
- Nominal frequency 2050 3400 strikes/min
 Centrifugal force 12 42 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
 Resistant to extreme environmental conditions
- · Extremely low noise level



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



٦		mm		inch			
ı	Α	91		3,59			
ı	В	20		0,79			
ı	С	25		0,99			
ı	D	M6		M6			
ı	E	M5		M5			
ı	F	M5		M5			
ı							
ı							
ı							
ı							
ı							
	_		kg		LBS		
	Vibrator weight		0,1		0,222		
	Housing w	eight	0.051		0.113		

		kg		LBS
	Vibrator weight	0,1		0,222
	Housing weight	0,0	51	0,113
	Piston weight	0,0	36	0,080