TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

ACBMV B. CASADIO VIBRATION
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Internal piston vibratortype FP12L 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)	4000	4800	5400
Force (N)	32	58	81
Force (LBS)	7,21	13,06	18,24
Air cons. (l/min)	1	3	20
Air cons. (CF)	0,04	0,11	0,71

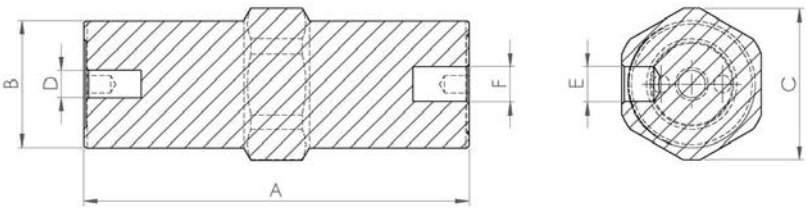
Typical applications:
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

Construction:
Aluminium housing surface-hardened and corrosion-resistant

Properties:
- Quiet and efficient
- Nominal frequency 4000 – 5400 strikes/min
- Centrifugal force 32 – 81 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	94	3,70
B	31	1,22
C	37	1,46
D	M8	M8
E	G 1/8”	G 1/8”
F	G 1/8”	G 1/8”

	kg	LBS
Vibrator weight	0,205	0,456
Housing weight	0,165	0,367
Piston weight	0,04	0,089

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