TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

ACBMV B. CASADIO VIBRATION
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Internal piston vibratortype FP35M 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)	3000	4000	4600
Force (N)	248	778	1080
Force (LBS)	55,86	175,23	243,24
Air cons. (l/min)	24	83	141
Air cons. (CF)	0,86	2,96	5,04

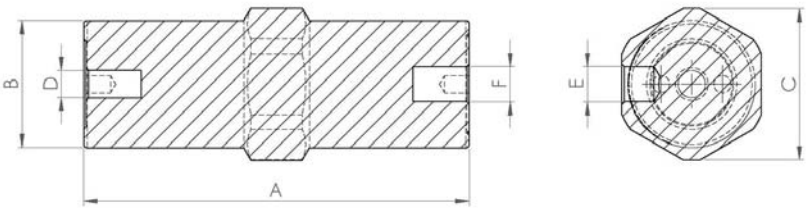
Typical applications:
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

Construction:
Aluminium housing surface-hardened and corrosion-resistant

Properties:
- Quiet and efficient
- Nominal frequency 3000 – 4600 strikes/min
- Centrifugal force 248 – 1080 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	116	4,57
B	58	2,29
C	69	2,72
D	M12	M12
E	G 1/4“	G 1/4“
F	G 1/4“	G 1/4“

	kg	LBS
Vibrator weight	1,04	2,311
Housing weight	0,61	1,356
Piston weight	0,43	0,956

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