TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Internal piston vibratortype FP35L

ACBMV B. CASADIO VIBRATION
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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)	2400	3100	3600
Force (N)	282	680	1066
Force (LBS)	63,51	153,15	240,09
Air cons. (l/min)	38	89	135
Air cons. (CF)	1,36	3,18	4,82

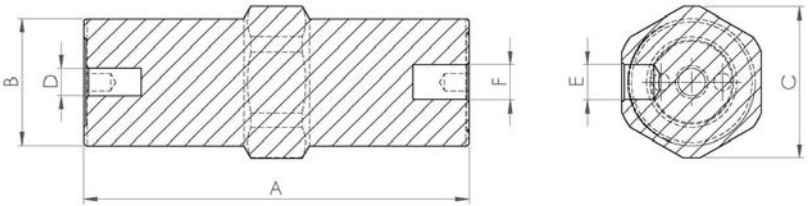
Typical applications:
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

Construction:
Aluminium housing surface-hardened and corrosion-resistant

Properties:
- Quiet and efficient
- Nominal frequency 2400 – 3600 strikes/min
- Centrifugal force 282 – 1066 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	136	5,36
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	1,28	2,844
Housing weight	0,7	1,556
Piston weight	0,58	1,289

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