TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

External piston vibratortype VTL255

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		6 Bars/87 PSI
Frequency (strike/min)	1600		2200
Force (N)	80		400
Force (LBS)	18,02	0,00	90,09
Air cons. (l/min)	56		180
Air cons. (CF)	2,00	0,00	6,43

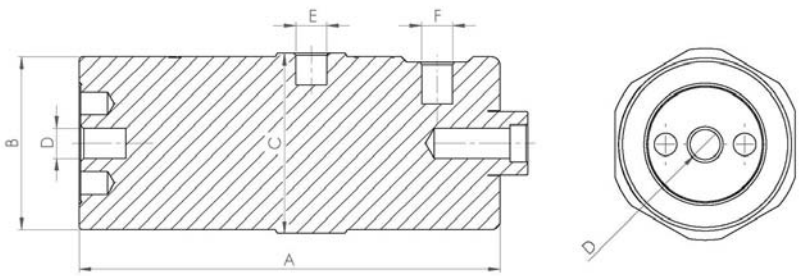
Typical applications:
- Foodstuffs and pharmaceuticals
- Driving conveyor and discharge chutes
- Loosening or compacting of bulk materials
- Starting up of mechanical processes
- Filling facilities

Construction:
- With a freely flying piston, the tapered end of which protrudes from the vibrator's housing.
- Its optimum power to weight ratio makes its employment in producing conveying impulses particularly efficient.

Properties:
- Quiet and efficient
- Nominal frequency 1600 – 2200 strikes/min
- Centrifugal force 80 – 400 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- 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



	mm	inch
A	140	5,52
B	64	2,52
C	64	2,52
D	M16	M16
E	G 1/4"	G 1/4"
F	G 1/4"	G 1/4"

	kg	LBS
Vibrator weight	3,19	7,089

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