

External piston vibratortype VTL1105

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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 CHARACTERISTICS

	2 Bars/29 PSI		6 Bars/87 PSI
Frequency (strike/min)	2100		3000
Force (N)	1550		2740
Force (LBS)	349,10	0,00	617,12
Air cons. (l/min)	345		920
Air cons. (CF)	12,32	0,00	32,86

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.

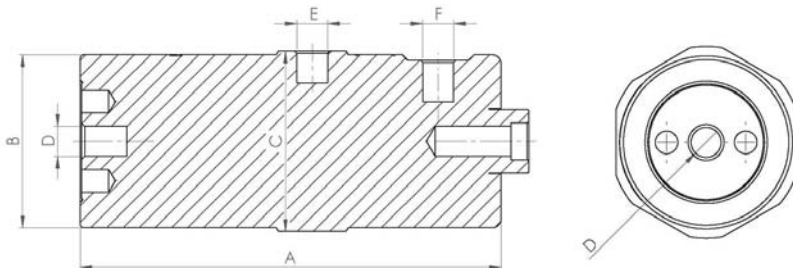
Properties:

- Quiet and efficient
- Nominal frequency 2100 – 3000 strikes/min
- Centrifugal force 1550 – 2740 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	122	4,81
B	200	7,88
C	200	7,88
D	M20	M20
E	G 1/2"	G 1/2"
F	G 1/2"	G 1/2"

	kg	LBS
Vibrator weight	25,83	57,400