

Lubrication free external piston vibratortype FAL35

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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)	1240	1550	2010
Force (N)	205	340	655
Force (LBS)	46,17	76,58	147,52
Air cons. (l/min)	75	220	350
Air cons. (CF)	2,68	7,86	12,50

Typical applications:

- Foodstuffs and pharmaceuticals (lubrication free version FAL)
- 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.
- Lubrication free operation possible (FAL).
- Its optimum power to weight ratio makes its employment in producing conveying impulses particularly efficient.

Properties:

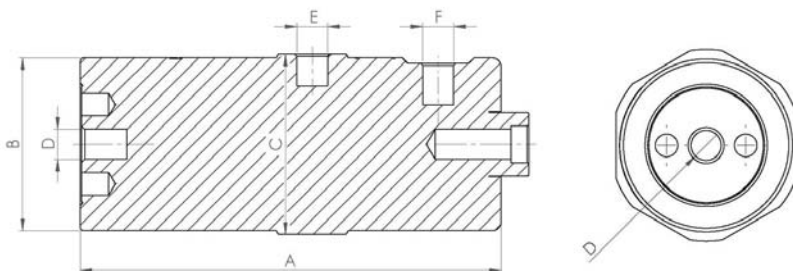
- Quiet and efficient
- Nominal frequency 1240 – 2010 strikes/min
- Centrifugal force 205 – 655 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level

Design:

Housing made from hard-anodized aluminium alloy, steel or plastic
 Piston made from leaded-bronze or steel
 Threaded insert for mounting purposes



DIMENSIONAL SPECIFICATIONS



	mm	inch
A	140	5,52
B	78	3,07
C	88	3,47
D	M16	M16
E	G 1/4"	G 1/4"
F	G 1/4"	G 1/4"

	kg	LBS
Vibrator weight	2,56	5,689
Housing weight	1,13	2,511
Piston weight	1,25	2,778