

Lubrication free external piston vibratortype FAL8

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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	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (strike/min)	2050	2900	3400
Force (N)	12	30	42
Force (LBS)	2,70	6,76	9,46
Air cons. (l/min)	8	18	30
Air cons. (CF)	0,29	0,64	1,07

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:

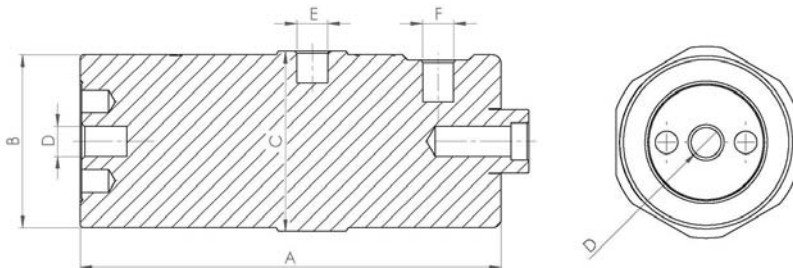
- Quiet and efficient
- Nominal frequency 2050 – 3400 strikes/min
- Centrifugal force 12 – 42 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level

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	91	3,59
B	20	0,79
C	25	0,99
D	M6	M6
E	M5	M5
F	M5	M5

	kg	LBS
Vibrator weight	0,1	0,222
Housing weight	0,051	0,113
Piston weight	0,036	0,080