

Lubrication free internal piston vibratortype FPLF18S EX

CE EX II 2 G/D c T6 T85°C

Description:

Lubrication free pneumatic piston vibrators for a linear vibration with unlimited fine-tuning facilities for amplitude and frequency. Wide range.

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VIBRATING AND PNEUMATIC CHARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	5000	6400	7700
Force (N)	66	134	187
Force (LBS)	14,86	30,18	42,12
Air cons. (l/min)	5	33	57
Air cons. (CF)	0,18	1,18	2,04

Typical applications:

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

Construction:

- Lubrication free operation possible.
- Extra hard and corrosion-resistant surface through aluminium oxide-generated by titaniferous electrolyte.
- Ideally suited for foodstuffs, drinks and pharmaceuticals.

Properties:

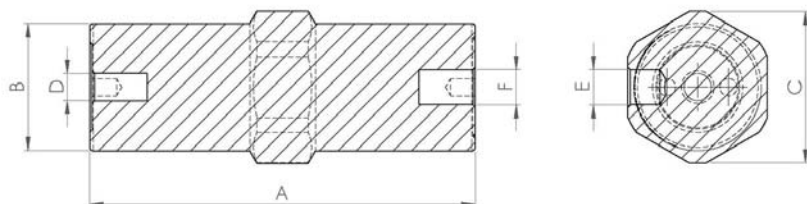
- Efficient
- Nominal frequency 5000 – 7700 strikes/min
- Centrifugal force 66 – 187 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level

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	81	3,19
B	81	3,19
C	42	1,65
D	M10	M10
E	G 1/8"	G 1/8"
F	G 1/8"	G 1/8"
	kg	LBS
Vibrator weight	0,28	0,622
Housing weight	0,22	0,489
Piston weight	0,06	0,133