

## Internal piston vibratortype FP60M EX

CE EX II 2 G/D c T6 T85°C

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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 (RPM)   | 1950          | 2400          | 2700          |
| Force (N)         | 610           | 1400          | 2170          |
| Force (LBS)       | 439,19        | 540,54        | 608,11        |
| Air cons. (l/min) | 90            | 180           | 275           |
| Air cons. (CF)    | 3,21          | 6,43          | 9,82          |

**Typical applications:**

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

**Construction:**

Aluminium housing surface-hardened and corrosion-resistant

**Properties:**

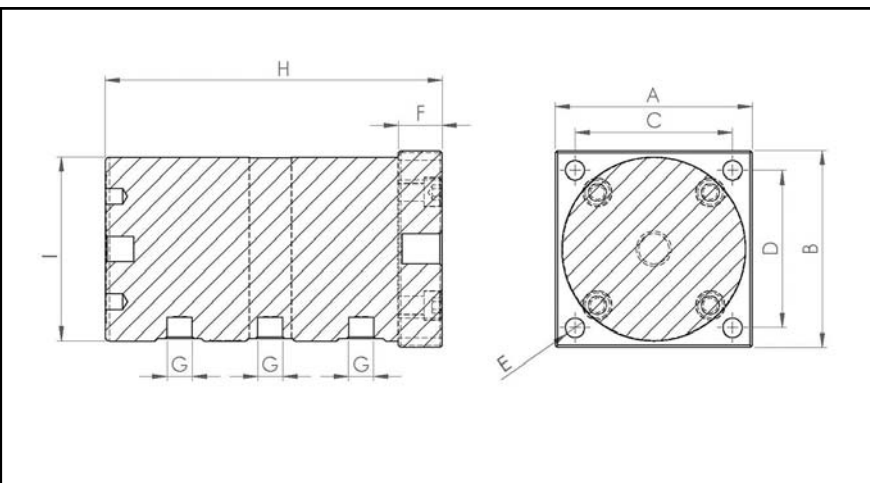
- Quiet and efficient
- Nominal frequency 610 – 2170 strikes/min
- Centrifugal force 1950 – 2700 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions
- Extremely low noise level

**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               | 110    | 4,33   |
| B               | 110    | 4,33   |
| C               | 90     | 3,55   |
| D               | 90     | 3,55   |
| E               | 8,8    | 0,35   |
| F               | 20     | 0,79   |
| G               | G 1/4" | G 1/4" |
| H               | G 3/8" | G 3/8" |
| I               | G 3/8" | G 1/4" |
| J               | G 1/4" | 154    |
| K               | 154    | 94     |
|                 | kg     | LBS    |
| Vibrator weight | 4,25   | 9,444  |
| Housing weight  | 1520   | 3378   |
| Piston weight   | 2150   | 4778   |