# TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

## Internal piston vibratortype FP25S EX

### CE EX II 2 G/D c T6 T85°C

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) | 3600 | 4300 | 5500 |
| Force (N) | 126 | 270 | 416 |
| Force (LBS) | 28,38 | 60,81 | 93,69 |
| Air cons. (l/min) | 13 | 54 | 93 |
| Air cons. (CF) | 0,46 | 1,93 | 3,32 |

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
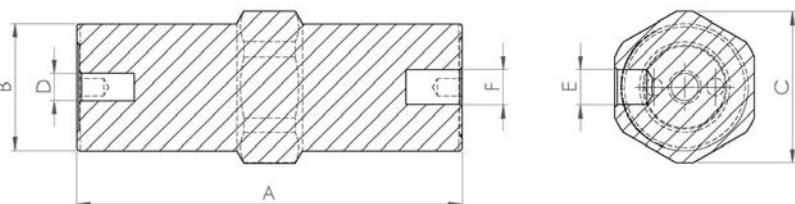
Properties:
• Quiet and efficient
• Nominal frequency 3600 – 5500 strikes/min
• Centrifugal force 126 – 416 N
• Frequency and amplitude can be regulated
• Can be used at temperatures up to 150°C
• Resistant to extreme environmental conditions
• Extremely low noise level



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 | 98 | 3,86 |
| B | 48 | 1,89 |
| C | 53,5 | 2,11 |
| D | M12 | M12 |
| E | G 1/8” | G 1/8” |
| F | G 1/8” | G 1/8” |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|  | kg | LBS |
|---|---|---|
| Vibrator weight | 0,53 | 1,178 |
| Housing weight | 0,375 | 0,833 |
| Piston weight | 0,155 | 0,344 |