

## External piston vibratortype VTL405

ACBMV B. CASADIO VIBRATION  
 Z.I. Mi-Plaine  
 51 Rue Ampère  
 B.P. 31  
 69682 CHASSIEU CEDEX (FRANCE)  
 Tel.: 04 78 90 87 87 / Fax.: 04 78 90 87 88  
 Email: vibrateur@orange.fr  
 Internet: acbmv.com

**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 |      | 6 Bars/87 PSI |
|------------------------|---------------|------|---------------|
| Frequency (strike/min) | 1400          |      | 2000          |
| Force (N)              | 200           |      | 650           |
| Force (LBS)            | 45,05         | 0,00 | 146,40        |
| Air cons. (l/min)      | 80            |      | 390           |
| Air cons. (CF)         | 2,86          | 0,00 | 13,93         |

**Typical applications:**

- Foodstuffs and pharmaceuticals
- 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.
- Its optimum power to weight ratio makes its employment in producing conveying impulses particularly efficient.

**Properties:**

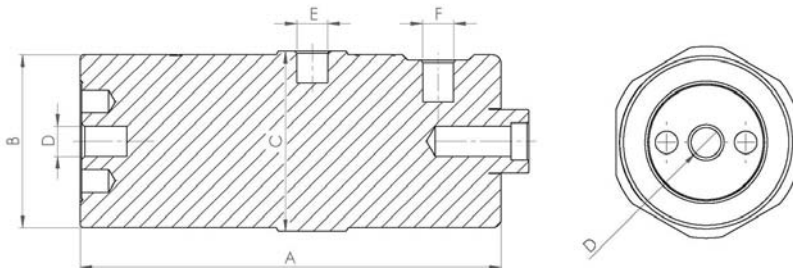
- Quiet and efficient
- Nominal frequency 1400 – 2000 strikes/min
- Centrifugal force 200 – 650 N
- Frequency and amplitude can be regulated
- Can be used at temperatures up to 150°C
- Extremely low noise level

**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 | 84     | 3,31   |
| C | 84     | 3,31   |
| D | M16    | M16    |
| E | G 1/4" | G 1/4" |
| F | G 1/4" | G 1/4" |
|   |        |        |
|   |        |        |
|   |        |        |
|   |        |        |
|   |        |        |
|   |        |        |
|   |        |        |

|                 | kg   | LBS    |
|-----------------|------|--------|
| Vibrator weight | 5,47 | 12,156 |
|                 |      |        |
|                 |      |        |