

## Turbine vibrator type GT48S

ACBMV B. CASADIO VIBRATION  
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### Description:

High speed and eccentric working torques for strong vibration. Wide range.

### VIBRATING AND PNEUMATIC CHARACTERISTICS

|                   | 2 Bars/29 PSI | 4 Bars/58 PSI | 6 Bars/87 PSI |
|-------------------|---------------|---------------|---------------|
| Frequency (RPM)   | 1800          | 5600          | 6300          |
| Force (N)         |               | 7500          | 12000         |
| Force (LBS)       |               | 1689,19       | 2702,70       |
| Air cons. (l/min) | 425           | 700           | 970           |
| Air cons. (CF)    | 15,18         | 25,00         | 34,64         |

### Typical applications:

- Bunker emptying
- Screen filter
- Vibrating tables
- Preventing adhesions in pipelines and silos
- Moving of bulk materials

### Construction:

- Vibration from the centrifugal force of positive and negative unbalanced torques in the rotor.
- Rotor on two pre-lubricated and enclosed ball bearings arranged in pairs. Lubricated with special grease for long life.

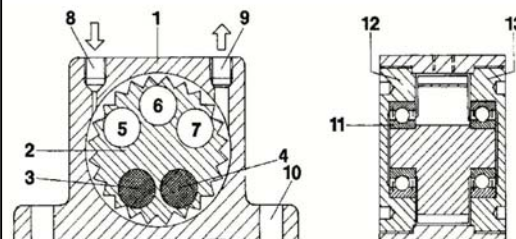
### Properties:

- Lubrication free
- Extremely quiet
- Strong vibration from high speeds and eccentric working torques
- Nominal frequency 1800 à 6300 RPM
- Centrifugal force – 12000 N
- Continuously variable (compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

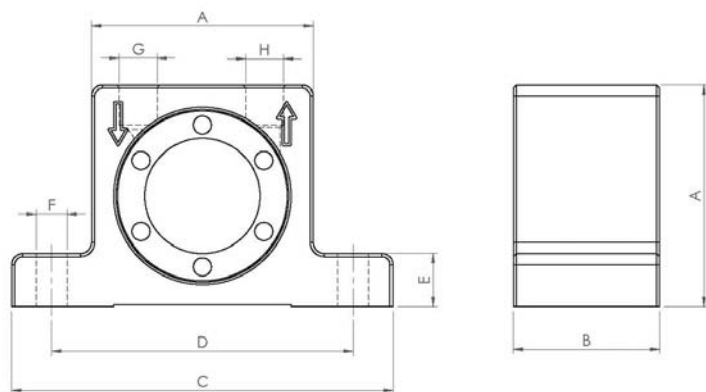
### Design:

- 1 Housing made from extruded aluminium alloy
- 2 Turbine wheel made from surface-hardened aluminium
- 3-4 high-density inserts: positive torque
- 5-7 openings for achieving negative torque
- 8 Air supply
- 9 Air outlet
- 10 Base mounting bores
- 11 Pre-lubricated and enclosed ball bearings arranged in pairs

Surface-hardened aluminium end plates  
12 with left-hand thread  
13 with right-hand thread



### DIMENSIONAL SPECIFICATIONS



|                 | mm     | inch   |
|-----------------|--------|--------|
| A               | 120    | 4,73   |
| B               | 83     | 3,27   |
| C               | 194    | 7,64   |
| D               | 152    | 5,99   |
| E               | 24     | 0,95   |
| F               | 17     | 0,67   |
| G               | G 3/8" | G 3/8" |
| H               | G 3/8" | G 3/8" |
|                 |        |        |
|                 |        |        |
|                 |        |        |
|                 |        |        |
|                 | kg     | LBS    |
| Vibrator weight | 4,29   | 9,533  |
|                 |        |        |
|                 |        |        |