

## Turbine vibrator type GT36

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: acbm.com

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)	8000	10000	13000
Force (N)	3290	5360	7190
Force (LBS)	740,99	1207,21	1619,37
Air cons. (l/min)	330	530	745
Air cons. (CF)	11,79	18,93	26,61

#### 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.

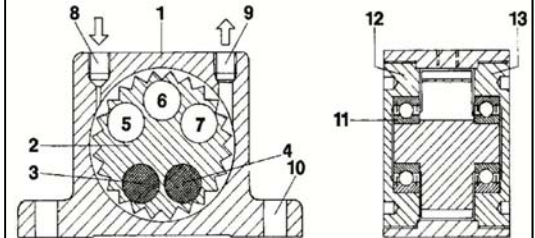
#### Properties:

- Lubrication free
- Extremely quiet
- Strong vibration from high speeds and eccentric working torques
- Nominal frequency 8000 à 13000 RPM
- Centrifugal force 3290 – 7190 N
- Continuously variable (compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

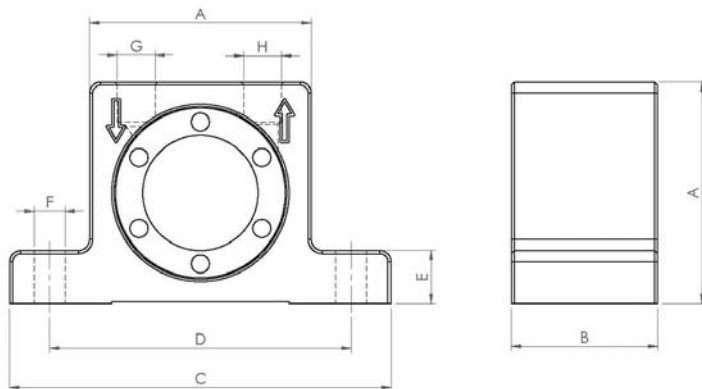


#### Design:

- 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	100	3,94
B	73	2,88
C	160	6,30
D	130	5,12
E	20	0,79
F	11	0,43
G	G 3/8"	G 3/8"
H	G 3/8"	G 3/8"

	kg	LBS
Vibrator weight	2,3	5,111