

## Stainless steel 316 turbine vibrator type GT25RF EX

CE EX II 2 G/D c T6 T85°C

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](mailto:vibrateur@orange.fr)  
 Internet: [acbm.com](http://acbm.com)

Description:  
 Pneumatic turbine vibrators made from non-rusting steel.

### VIBRATING AND PNEUMATIC CHARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	14000	17000	19500
Force (N)	2500	3900	5700
Force (LBS)	563,06	878,38	1283,78
Air cons. (l/min)	185	325	455
Air cons. (CF)	6,61	11,61	16,25

**Typical applications:**

- For foodstuffs and pharmaceuticals, FDA specifications
- 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.
- Made from non-rusting steel 316 (4435.0) and lubricated with special grease for

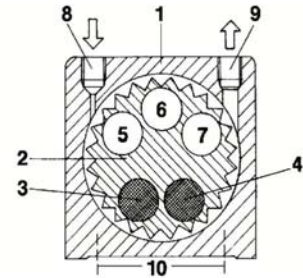
**Properties:**

- Lubrication free
- Extremely quiet
- Heavy vibration by means of high speeds and eccentric working torques
- Nominal frequency 14000 – 19500 RPM
- Centrifugal force 2500 – 5700 N
- Continuously variable (Compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

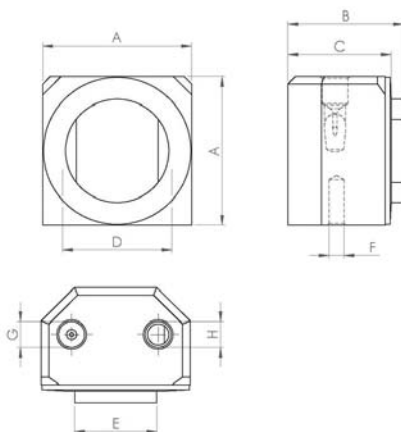


**Design:**

- 1 Stainless steel housing
- 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



### DIMENSIONAL SPECIFICATIONS



	mm	inch
A	78	3,07
B	55	2,17
C	49	1,93
D	60	2,36
E	50	1,97
F	M10	M10
G	G 1/4"	G 1/4"
H	G 1/4"	G 1/4"

	kg	LBS
Vibrator weight	1,807	4,016