

Stainless steel 316 turbine vibrator type GT16RF

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:
 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)	20000	24500	27500
Force (N)	1700	2600	3700
Force (LBS)	382,88	585,59	833,33
Air cons. (l/min)	120	200	290
Air cons. (CF)	4,29	7,14	10,36

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

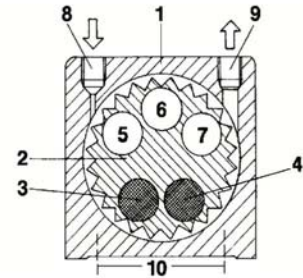
Properties:

- Lubrication free
- Extremely quiet
- Heavy vibration by means of high speeds and eccentric working torques
- Nominal frequency 20000 – 27500 RPM
- Centrifugal force 1700 – 3700 N
- Continuously variable (Compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

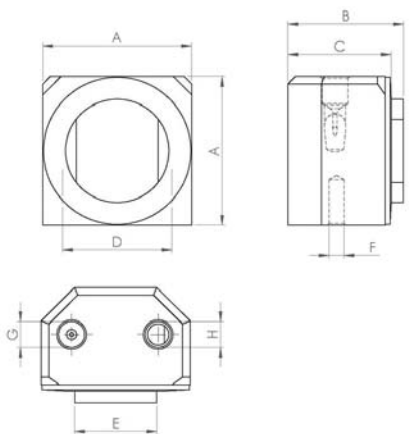


Design:

- 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	64	2,52
B	45	1,77
C	39	1,54
D	48	1,89
E	36	1,42
F	M8	M8
G	G 1/4"	G 1/4"
H	G 1/4"	G 1/4"

	kg	LBS
Vibrator weight	1,002	2,227

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