

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Stainless steel 316 turbine vibrator type GT10RF

Description:

Pneumatic turbine vibrators made from non-rusting steel.

VIBRATING AND PNEUMATIC CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI	
Frequency (RPM)	27000	34500	37000 2100 472,97	
Force (N)	750	1450		
Force (LBS)	168,92	326,58		
Air cons. (I/min) 46		80	112	
Air cons. (CF)	1,64	2,86	4,00	

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:

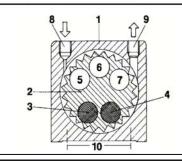
- Lubrication free
- Extremely quiet
- Heavy vibration by means of high speeds and eccentric
- working torques
- Nominal frequency 27000 37000 RPM

 Centrifugal force 750 2100 N

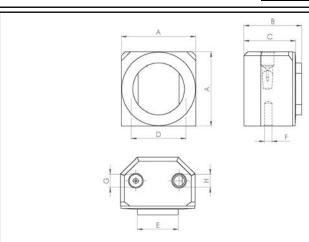
 Continuously variable (Compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

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	
Α	49		1,93	
В	38		1,50	
С	32		1,26	
D	36		1,42	
E	27		1,06	
F	M6		M6	
G	G 1/8"		G 1/8"	
Н	G 1/8"		G 1/8"	
		kg		LBS
101		0.505		4 4 6 7

- 1.				
		kg		LBS
	Vibrator weight	0,525		1,167