

Turbine vibrator type T50/LP

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 high working torque for strong vibration at great amplitude. Wide range.

VIBRATING AND PNEUMATIC CHARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	17000	21500	23000
Force (N)	700	1240	1710
Force (LBS)	157,66	279,28	385,14
Air cons. (l/min)	67	115	165
Air cons. (CF)	2,39	4,11	5,89

Typical applications:

- Emptying of bunkers
- Screen filters
- Vibrating tables
- Preventing adhesions in pipelines and silos
- Transport of fine powders
- Movement of bulk materials

Construction:

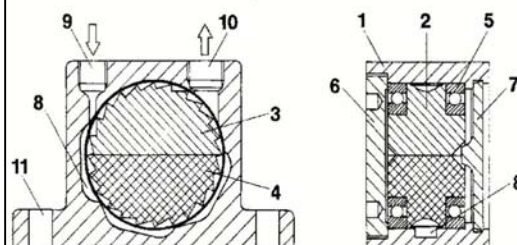
- Vibration with a high eccentric torque, caused by the rotor's unbalance
- Low noise level

Properties:

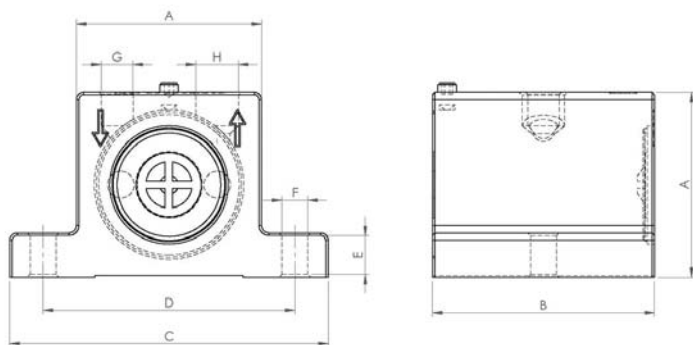
- Rated frequency 17000 – 23000 RPM
- Centrifugal force 700 – 1710 N
- Continuously variable (Compressed air)
- Can be used at up to 150°C
- Resistant to extreme environmental conditions

Design:

- 1 Housing made from extruded aluminium alloy with hard anodization
- 2 Turbine rotor
- 3 Aluminium = light
- 4 Brass = heavy
- 5 Ball bearing
- 6 Plastic end plate with screw thread
- 7 Nylon end plate
- 8 Speed channels
- 9 Air supply
- 10 Air outlet
- 11 Base mounting bores



DIMENSIONAL SPECIFICATIONS



	mm	inch
A	50	1,97
B	46	1,81
C	86	3,39
D	68	2,68
E	12	0,47
F	7	0,28
G	G 1/8"	G 1/8"
H	G 1/4"	G 1/4"
	kg	LBS
Vibrator weight	0,385	0,856