

ACBMV B. CASADIO VIBRATION

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TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Turbine vibrator type T100/HP

Description:

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

VIBRATING AND PNEUMATIC CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI	
Frequency (RPM)	6500	9000	10000	
Force (N)	2480	4800	6060	
Force (LBS)	558,56	1081,08	1364,86	
Air cons. (I/min)	-	300	430	
Air cons. (CF)	-	10,71	15,36	

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

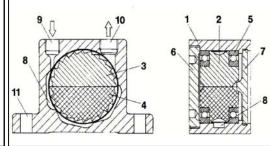
Properties:

- Rated frequency 6500 10000 RPM
 Centrifugal force 2480 6060 N
 Continuously variable (Compressed air)
- Can be used at up to 150°C
- Resistant to extreme environmental conditions

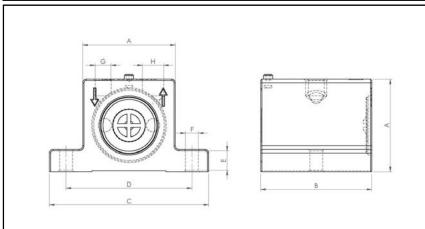


Design:

- ${\bf 1}$ Housing made from extruded aluminium alloy with hard anodization ${\bf 2}$ 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	
Α	100		3,94	
В	67		2,64	
С	160		6,30	
D	130		5,12	
Е	20		0,79	
F	13		0,51	·
G	G 3/8"		G 3/8"	·
Н	G 3/8"		G 3/8"	
				·
		kg		LBS

1				
		kg		LBS
	Vibrator weight	2,2	.7	5,044

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