

Turbine vibrator type T80/LP

ACBMV B. CASADIO VIBRATION
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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)	9000	11500	13000
Force (N)	1840	2960	3790
Force (LBS)	414,41	666,67	853,60
Air cons. (l/min)	150	260	385
Air cons. (CF)	5,36	9,29	13,75

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

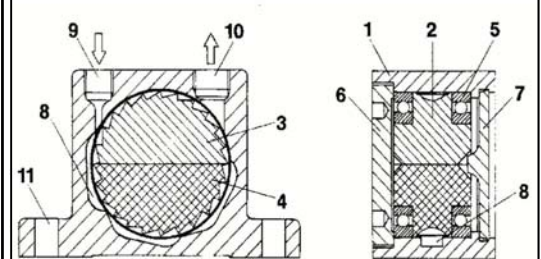
Properties:

- Rated frequency 9000 – 13000 RPM
- Centrifugal force 1840 – 3790 N
- Continuously variable (Compressed air)
- Can be used at up to 150°C
- Resistant to extreme environmental conditions

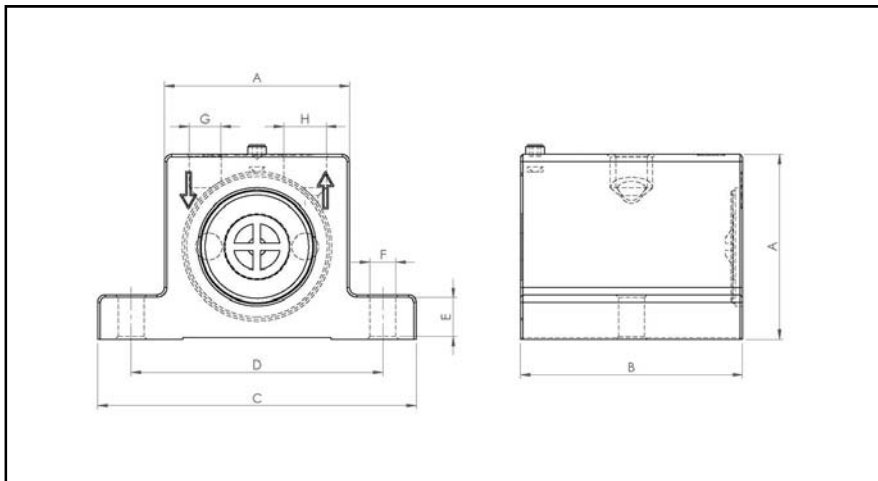


Design:

- 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	80	3,15	
B	56	2,21	
C	128	5,04	
D	104	4,10	
E	16	0,63	
F	11	0,43	
G	G 1/4"	G 1/4"	
H	G 3/8"	G 3/8"	
		kg	LBS
Vibrator weight		1,21	2,689