TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Turbine vibrator type GT10

ACBMV B. CASADIO VIBRATION
Z.I. Mi-Plaine
51 Rue Ampère
B.P. 31
69682 CHASSIEU CEDEX (FRANCE)
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Description:
High speed and eccentric working torques for strong vibration. Wide range.

VIBRATING AND PNEUMATIC CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	27500	35000	37500
Force (N)	840	1390	2400
Force (LBS)	189,19	313,06	540,54
Air cons. (l/min)	46	80	112
Air cons. (CF)	1,64	2,86	4,00

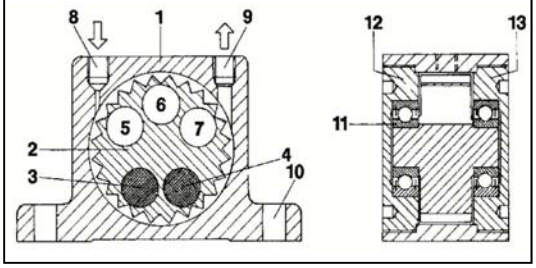
Typical applications:
- Bunker emptying
- Screen filter
- Vibrating tables
- Preventing adhesions in pipelines and silos
- Moving of bulk materials

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. Lubricated with special grease for long life.

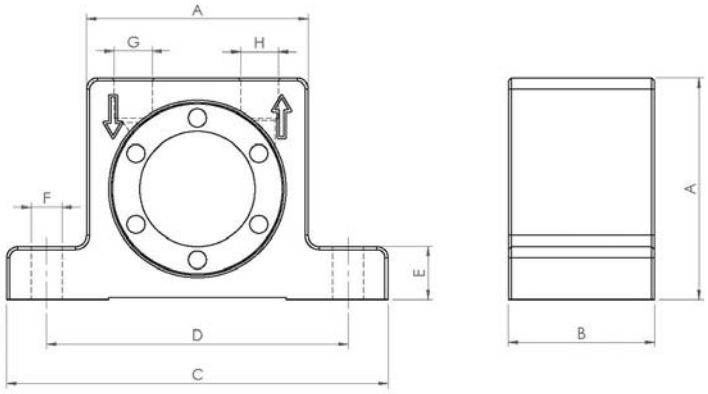
Properties:
- Lubrication free
- Extremely quiet
- Strong vibration from high speeds and eccentric working torques
- Nominal frequency 27500 à 37500 RPM
- Centrifugal force 840 – 2400 N
- Continuously variable (compressed air)
- Can be used at temperatures up to 150°C
- Resistant to extreme environmental conditions

Design:
1 Housing made from extruded aluminium alloy
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
11 Pre-lubricated and enclosed ball bearings arranged in pairs

Surface-hardened aluminium end plates
12 with left-hand thread
13 with right-hand thread



DIMENSIONAL SPECIFICATIONS



	mm	inch
A	50	1,97
B	33	1,30
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 1/8"	G 1/8"

	kg	LBS
Vibrator weight	0,255	0,567

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