

Turbine vibrator type GT13

ACBMV B. CASADIO VIBRATION
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Description:
 High speed and eccentric working torques for strong vibration. Wide range.

VIBRATING AND PNEUMATIC CHARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	26000	30000	33000
Force (N)	1400	2440	3730
Force (LBS)	315,32	549,55	840,09
Air cons. (l/min)	120	200	290
Air cons. (CF)	4,29	7,14	10,36

Typical applications:

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

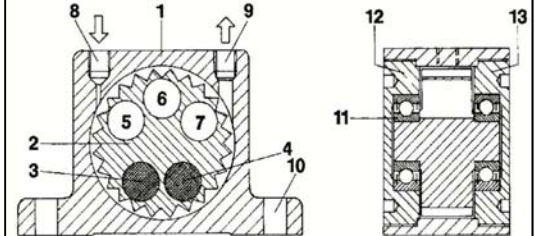
Construction:

- 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.

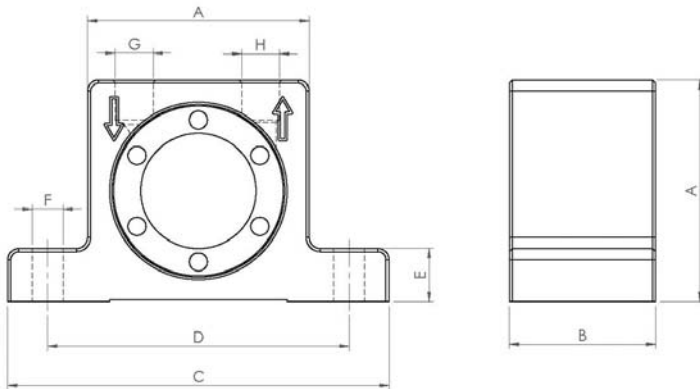
- Properties:**
- Lubrication free
 - Extremely quiet
 - Strong vibration from high speeds and eccentric working torques
 - Nominal frequency 26000 à 33000 RPM
 - Centrifugal force 1400 – 3730 N
 - Continuously variable (compressed air)
 - Can be used at temperatures up to 150°C
 - Resistant to extreme 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	65	2,56
B	42	1,65
C	113	4,45
D	90	3,55
E	16	0,63
F	9	0,35
G	G 1/4"	G 1/4"
H	G 1/4"	G 1/4"

	kg	LBS
Vibrator weight	0,565	1,256