

Turbine vibrator type GT10 EX

CE EX II 2 G/D c T6 T85°C

Description:

High speed and eccentric working torques for strong vibration. Wide range.

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

VIBRATING AND PNEUMATIC CHARACTERISTICS

	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

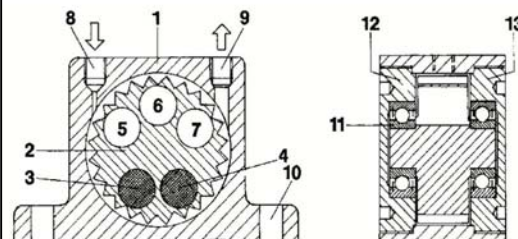
Design:

- 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

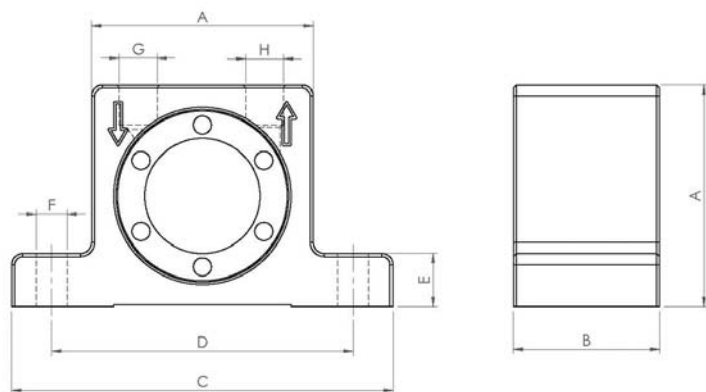
Surface-hardened aluminium end plates

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