TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Ball vibrator type K10

ACBMV B. CASADIO VIBRATION
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Description:
Ball vibrators, simple and good. Wide range for many applications.

VIBRATING AND PNEUMATIC CARACTERISTICS

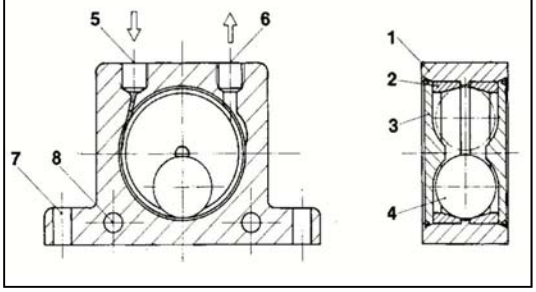
	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	22500	28000	34000
Force (N)	250	470	710
Force (LBS)	56,31	105,86	159,91
Air cons. (l/min)	92	150	200
Air cons. (CF)	3,29	5,36	7,14

Typical applications:
- Emptying of bunkers
- Screen filters
- Vibrating tables
- Preventing adhesions in pipelines and silos
- Movement of goods

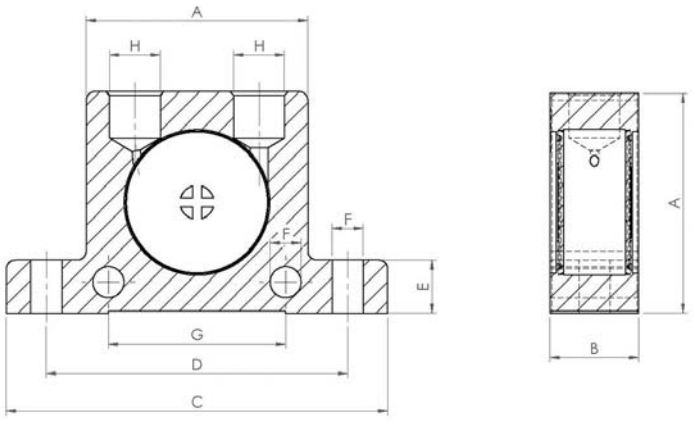
Construction:
- Vibration by means of a ball that is passed through hardened-steel guides.
- Nylon plates on both sides to support the ball and as a protection from dust and water.
- Housing with 4 mounting bores, depending on the application.

Properties:
- Powerful
- Rated frequency 22500 – 34000 RPM
- Centrifugal force 250 – 710 N
- Continuously variable (compressed air)
- Can be used at up to 100°C
- 150 °C on request

Design:
1 Housing made from extruded aluminium alloy
2 Hardened guides made of steel
3 Nylon end plates
4 Hardened ball
5 Air inlet
6 Air outlet
7 Base mounting bores
8 Sideways fitting bores



DIMENSIONAL SPECIFICATIONS



	mm	inch
A	50	1,97
B	20	0,79
C	86	3,39
D	68	2,68
E	12	0,47
F	7	0,28
G	40	40
H	G 1/4”	G 1/4”

	kg	LBS
Vibrator weight	0,13	0,289

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