TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

Ball vibrator type K30

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

VIBRATING AND PNEUMATIC CARACTERISTICS

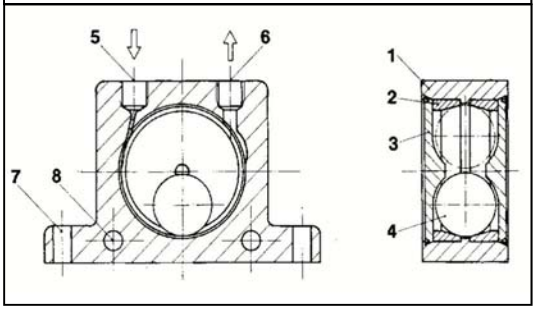
	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	7800	9700	12500
Force (N)	1510	2470	3210
Force (LBS)	340,09	556,31	722,97
Air cons. (l/min)	215	375	570
Air cons. (CF)	7,68	13,39	20,36

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

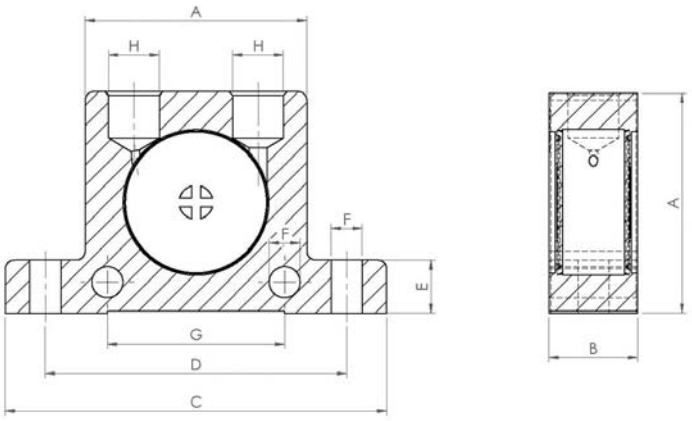
Construction:
- Vibration by means of a ball that is passed through hardened-steel guides.
- Nylon plates on both sides to support the ball and as a protection from dust and water.
- Housing with 4 mounting bores, depending on the application.

Properties:
- Powerful
- Rated frequency 7800 – 12500 RPM
- Centrifugal force 1510 – 3210 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	100	3,94
B	44	1,73
C	160	6,30
D	130	5,12
E	20	0,79
F	11	0,43
G	80	80
H	G 3/8”	G 3/8”

	kg	LBS
Vibrator weight	1,13	2,511

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