TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

ACBMV B. CASADIO VIBRATION
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Ball vibrator type K25 EX

CE EX II 2 G/D c T6 T85°C

Description:
Ball vibrators, simple and good. Wide range for many applications.

VIBRATING AND PNEUMATIC CARACTERISTICS

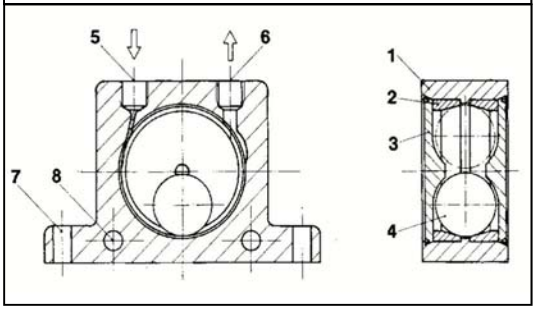
	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	9200	12200	14000
Force (N)	930	1570	2050
Force (LBS)	209,46	353,60	461,71
Air cons. (l/min)	160	290	425
Air cons. (CF)	5,71	10,36	15,18

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

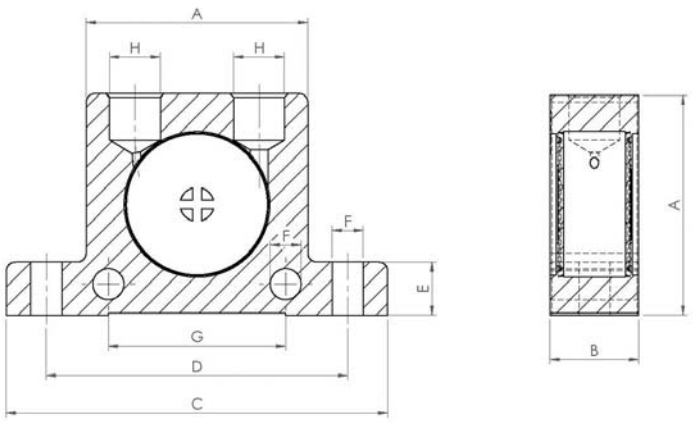
Construction:
- Vibration by means of a ball that is passed through hardened-steel guides.
- Nylon plates on both sides to support the ball and as a protection from dust and water.
- Housing with 4 mounting bores, depending on the application.

Properties:
- Powerful
- Rated frequency 9200 – 14000 RPM
- Centrifugal force 930 – 2050 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	80	3,15
B	38	1,50
C	128	5,04
D	104	4,10
E	16	0,63
F	9	0,35
G	60	60
H	G 1/4”	G 1/4”

	kg	LBS
Vibrator weight	0,63	1,400

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