TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

ACBMV B. CASADIO VIBRATION
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Ball vibrator type K20 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

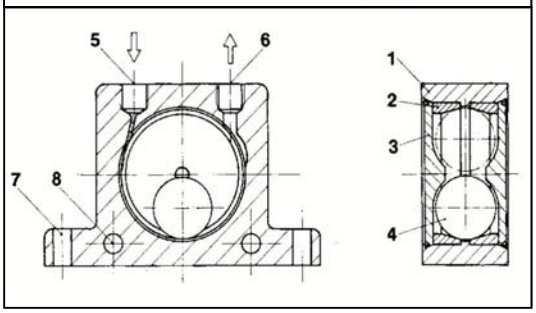
	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	10500	14500	16500
Force (N)	720	1220	1720
Force (LBS)	162,16	274,77	387,39
Air cons. (l/min)	130	230	340
Air cons. (CF)	4,64	8,21	12,14

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

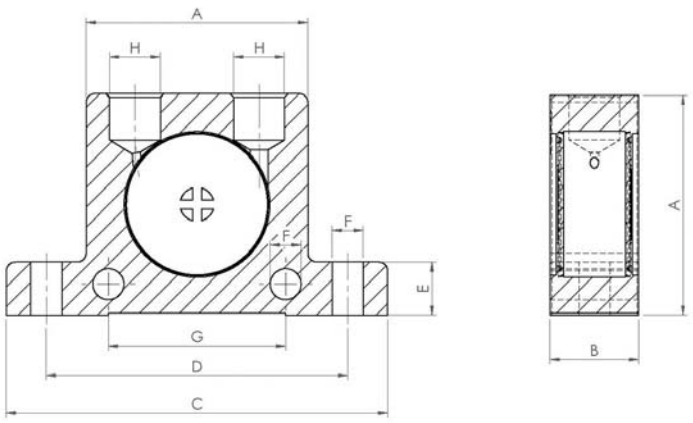
Construction:
- Vibration by means of a ball that is passed through hardened-steel guides.
- Nylon plates on both sides to support the ball and as a protection from dust and water.
- Housing with 4 mounting bores, depending on the application.

Properties:
- Powerful
- Rated frequency 10500 – 16500 RPM
- Centrifugal force 720 – 1720 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	33	1,30
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	0,53	1,178

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