

ACBMV B. CASADIO VIBRATION

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# TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

# **Ball vibrator type K13**

### 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)	15000	18500	22500	
Force (N)	320	550	870	
Force (LBS)	72,07	123,87	195,95	
Air cons. (I/min)	94	158	225	
Air cons. (CF)	3,36	5,64	8,04	

## 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
- Nylon plates on both sides to support the ball and as a protection
- Housing with 4 mounting bores, depending on the application.

### Properties:

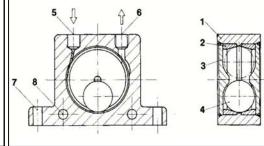
- Powerful

- Prowerful
  Rated frequency 15000 22500 RPM
  Centrifugal force 320 870 N
  Continuously variable (compressed air)
  Can be used at up to 100°C
  150 °C on request

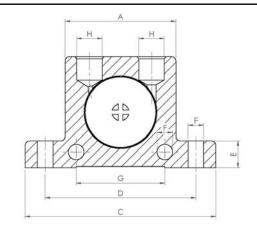


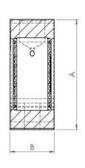
## Design:

- 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 Base mounting bores
- 8 Sideways fitting bores



### **DIMENSIONAL SPECIFICATIONS**





	mm		inch	
А	65		2,56	
В	24		0,95	
С	113		4,45	
D	90		3,55	
E	16		0,63	
F	9		0,35	
G	50		50	
Н	G 1/4"		G 1/4"	
	_	kg		LBS

-				
		kg		LBS
	Vibrator weight	0,2	6	0,578

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