

ACBMV B. CASADIO VIBRATION

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## TECHNICAL DATA SHEET PNEUMATIC VIBRATOR

## **Roller vibratortype DAR2 EX**

CE EX II 2 G/D c T6 T85°C

#### Description:

Roller vibrators, especially for concrete and other heavy-duty applications. Wide range.

### **VIBRATING AND PNEUMATIC CARACTERISTICS**

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI		
Frequency (RPM)	36000	38000	38000		
Force (N)	2200	3380	921,17		
Force (LBS)	495,50	761,26			
Air cons. (I/min)	70	140	200		
Air cons. (CF)	2,50	5,00	7,14		

### Typical applications:

- Compacting of plastic and concrete
- Supporting the flow of material in silos and hoppers
- Separation of different sized products on sieves

#### Construction:

- Vibration through rotating precision rollers in highly flexible steel
- guides
  Reinforced by two extra-shockproof bronze end plates

### Properties:

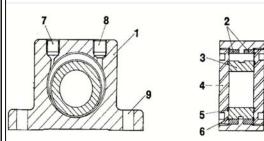
- High motive power
   Rated frequency 36000 38000 RPM
   Centrifugal force 2200 4090 N
   Continuously variable (compressed air)
   Can be used at up to 150°C
   Posistant to extreme environmental continuous
- Resistant to extreme environmental conditions



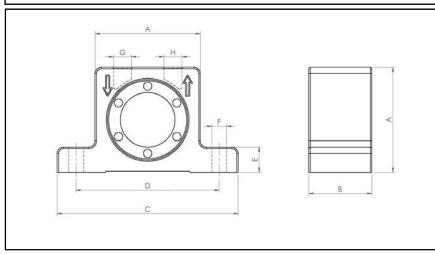
# Design:

- 1 Housing made from extruded aluminium alloy 2 Highly flexible steel guides 3 Cast precision steel roller

- 4 Special bronze end plates 5 Lubricant ducts
- 6 Dirt removal ducts
- 7 Air inlet
- 8 Air outlet
- 9 Base mounting bores



### **DIMENSIONAL SPECIFICATIONS**



	mm		inch		
Α	50		1,97		
В	30		1,18		
С	86		3,39		
D	68		2,68		
Е	12		0,47		
F	7		0,28		
G	G 1/8"		G 1/8"		
Н	G 1/8"		G 1/8"		
	·				
		kg		LBS	

1				
		kg		LBS
	Vibrator weight	0,3	7	0,822

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