

Roller vibratortype R120

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Description:
 Simply constructed high-frequency roller vibrators, wide range for many applications.

VIBRATING AND PNEUMATIC CARACTERISTICS

	2 Bars/29 PSI	4 Bars/58 PSI	6 Bars/87 PSI
Frequency (RPM)	10000	11500	12500
Force (N)	8000	10000	12500
Force (LBS)	1801,80	2252,25	2815,32
Air cons. (l/min)	500	730	970
Air cons. (CF)	17,86	26,07	34,64

Typical applications:

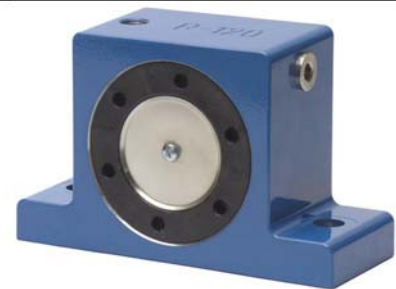
- Emptying of hoppers and chutes
- Screen filters
- Conveying of particulates
- Preventing adhesions in pipelines and silos
- Transport of fine powders
- Compacting of plastic and concrete in troughs

Construction:

- Vibration created by a rotating precision-steel roller
- Shockproof plastic end plates
- Housing with 4 mounting bores, depending on the application

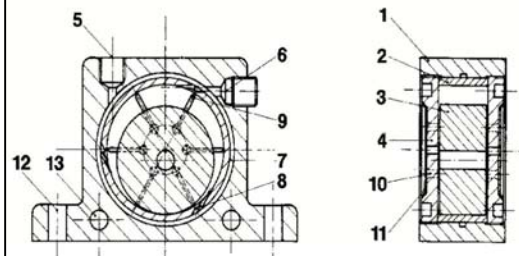
Properties:

- High motive power
- Rated frequency 10000 – 12500 RPM
- Centrifugal force 8000 – 12500 N
- Continuously variable (compressed air)
- Can be used at up to 150°C
- Resistant to extreme environmental conditions

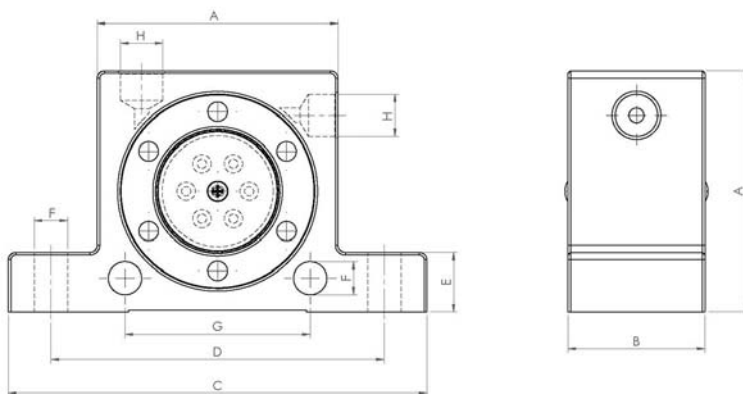


Design:

- 1 Housing made from extruded aluminium alloy
- 2 Cast iron strip
- 3 Steel roller
- 4 Plastic end plates
- 5 Vertical air entry
- 6 Horizontal air entry
- 7 Air channel
- 8 Air supply nozzles
- 9 Outlet openings
- 10 Outlet diffuser
- 11 Sound absorber plate
- 12 Base mounting bores



DIMENSIONAL SPECIFICATIONS



	mm	inch
A	120	4,73
B	77	3,03
C	194	7,64
D	152	5,99
E	24	0,95
F	17	0,67
G	-	-
H	G 3/8"	G 3/8"

	kg	LBS
Vibrator weight	4,26	9,467