

# **Roller Vibrators R**

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

### **Properties**

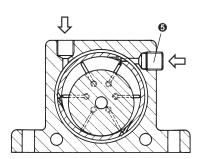
- · High centrifugal force
- Rated frequency 10'000 36'000 min-1
- Centrifugal force 1'070 12'500 N
- Continuously variable
- Applicable up to 150°C
- · Resistant against extreme environmental conditions
- Also available with ATEX certification 🖘

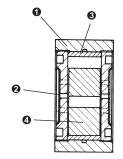
#### Construction

- Vibration by a rotating precision-steel roller.
- Shockproof synthetic caps.
- Housing with 4 mounting bores.
- Air feed from the top or lateral.

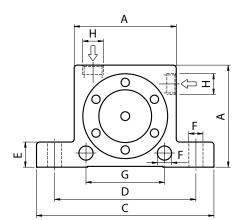
## **Field of application**

- Emptying of hoppers and chutes
- Screen filters
- Conveyance of small particles
- · Preventing adhesions in pipelines and silos
- Transport of fine powders
- · Compacting of plastic and concrete in troughs





- Housing of extruded aluminium alloy, powder-coated
- Synthetic caps
- Guides made of steel castings
- Steel roller
- **6** Screw plug



## **Dimensions and weights**

Model	A [mm]	Width [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H Thread	Weight [kg]
R-50	50	29	86	68	12	7	40	G 1/8"	0.24
R-65	65	37	113	90	16	9	50	G 1/4"	0.54
R-80	80	43	128	104	16	9	60	G 1/4"	0.95
R-100	100	52	160	130	20	11	80	G 3/8"	1.81
R-120	120	77	194	152	24	17	-	G 3/8"	4.26

#### **Technical data**

	Vibrations [x 1000 min <sup>-1</sup> ]			C	entrifugal for [N]	ce	Air consumption [I/min]			
Model	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	
R-50	25.0	35.0	36.0	1'070	2'920	4'220	100	145	195	
R-65	19.0	21.0	26.0	2'730	4'830	6'120	200	300	400	
R-80	15.5	18.5	19.0	3'000	6'090	7'450	290	430	570	
R-100	11.0	14.0	16.0	3'750	6'750	8'900	370	550	730	
R-120	10.0	11.5	12.5	8'000	10'000	12'500	500	730	970	