

These compact pneumatic vibrators are simple in design and yet capable of delivering very high centrifugal forces.

The body is machined from an extruded aluminium section, inside of which a precision steel roller rotates, it is retained by two special high impact plastic end plates. For easy mounting, the body has four holes, two horizontal and two vertical.

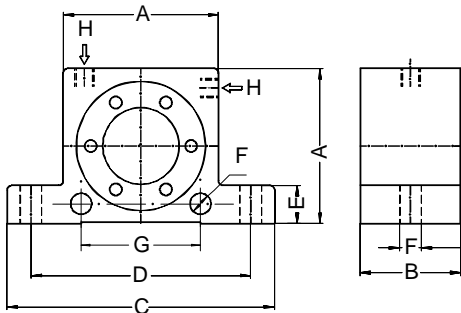
Air is introduced through one of two inlet ports drilled at right angles to each other in the body. These inlet ports are tapped with a standard pipe thread and a pipe plug is provided for sealing the one not used. The air is exhausted through the special high impact plastic end plates whose design incorporates an air silencer

Series R high frequency pneumatic roller vibrators provide a new approach in the movement of fine materials. Being pneumatically powered, the frequency can be controlled by the regulation of air pressure.



PERFORMANCE DATA									
model	FREQUENCY RPM			CENTRIFUGAL FORCE NEWTON			AIR CONSUMPTION l / min.		
	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
R-50	25.000	35.000	36.000	1.070	2.920	4.220	100	145	195
R-65	19.000	21.000	26.000	2.730	4.830	6.120	200	300	400
R-80	15.500	18.500	19.000	3.000	6.090	7.450	290	430	570
R-100	11.000	14.000	16.000	3.750	6.750	8.900	370	550	730
R-120	10.000	11.500	12.500	8.000	10.000	12.500	500	730	970

Data obtained with a Kistler 3-Axis Dynamometer on a heavy laboratory test block and displayed by a Kistler control monitor (COMO). Frequency and force will decrease on a less rigged mount.



dimensions in mm									weight
model	A	B	C	D	E	F	G	H	kg
R-50	50	29	86	68	12	7	40	1/8"	0,240
R-65	65	37	113	90	16	9	50	1/4"	0,545
R-80	80	43	128	104	16	9	60	1/4"	0,950
R-100	100	52	160	130	20	11	80	3/8"	1,810
R-120	120	77	194	152	24	17	-	3/8"	4,260

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