The DAR pneumatic series roller vibrators compliment our existing range of roller vibrators particularly for concrete applications. The new design features provide a more robust vibrator, suitable for use under the most arduous conditions.

The body is machined from an extruded aluminium section, inside of which a precision iron roller rotates in high tensile steel races. It is retained by two high impact special bronze end plates.

To obtain the best performance it is recommended that silencers of sintered bronze should be used to improve exhausting.

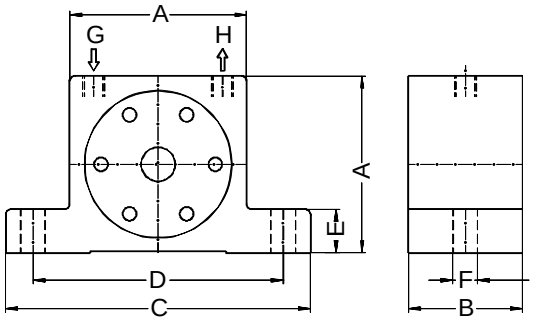
An air line filter and lubricator must be used to guarantee a long working life. A hydraulic oil ISO VG5 = 5 cST/40°C must be used, for example Shell Tellus Oil C5.

Series DAR 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

	FREQUENZY RPM			CENTRFUGAL FORCE NEWTON			AIR CONSUMPTION l / min.		
model	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar	2 bar	4 bar	6 bar
DAR-2	36.000	38.000	38.000	2.220	3.380	4.090	70	140	200
DAR-3	27.000	32.000	32.000	2.720	4.560	6.050	100	200	300
DAR-4	18.000	22.500	25.000	2.360	4.610	6.690	120	250	360
DAR-5	9.500	15.000	16.500	1.680	4.640	7.200	130	270	390
DAR-6	7.800	10.000	12.000	4.370	6.860	10.300	170	320	470
DAR-7	8.000	9.800	11.500	5.870	9.500	12.000	180	350	500

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 degrease on a less rigged mount.



dimensions in mm								weight
model	A	B	C	D	E	F	G/H	kg
DAR-2	50	30	86	68	12	7	1/8“	0,370
DAR-3	65	36	113	90	16	9	1/4"	0,760
DAR-4	80	40	128	102	16	11	1/4"	1,270
DAR-5	100	52	160	130	20	13	3/8“	2,450
DAR-6	120	62	194	152	24	17	3/8“	4,700
DAR-7	120	77	194	152	24	17	3/8“	5,700

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