

DAR Series Turbine Vibrators



Robust and Reliable Roller Vibrators For tough environments

DAR Series Pneumatic Roller Vibrators

DAR Series High Frequency Pneumatic Roller Vibrators complement our existing range of larger roller vibrators, providing an ideal solution for smaller concrete forms and precast concrete applications; DAR's are also well-suited to plastic molding applications, as well as screening applications, and material flow assistance in chutes and hoppers.

Thanks to an extruded aluminum body and high tensile steel races, the DAR series is reliable even in the toughest environments. There are 6 models available, with forces to 2700 pounds, and frequencies as high as 38,000 VPM.

Standard features & benefits

- Body machined from extruded aluminum section
- Precision iron rollers
- High tensile steel races
- High impact bronze end plates
- Adjustable force and frequency
- Sintered bronze exhaust muffler included

Available Options & Accessories

- Bin/Hopper/Chute Mounting Kits
- Air Prep Components
- Air Hoses
- Pneumatic and Electronic Timers

A few common applications include:

- Plastic molding
- Concrete molding
- Vibrating Tables
- Vibratory Screens
- Material sizing and separation
- Bins & Hoppers
- Chutes

Contact the Houston Vibrator sales team for assistance in choosing the right vibrator and components for your application.

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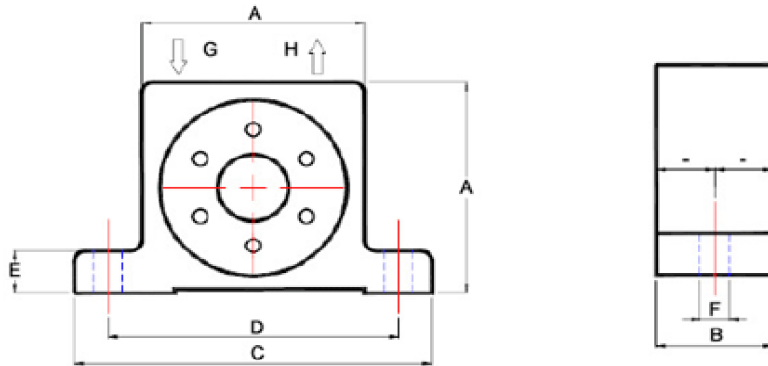
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DAR Series Technical Data



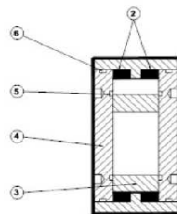
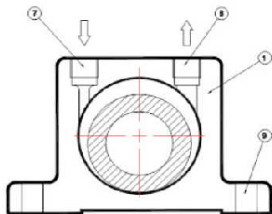
Dimensional Data

Model	A		B		C		D		E		F		G/H	Weight	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	BSP*	kg	lbs
DAR-2	50	1.97	30	1.18	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	0.37	0.82
DAR-3	65	2.56	36	1.42	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	0.76	1.68
DAR-4	80	3.15	40	1.57	128	5.04	102	4.00	16	0.63	11	0.43	1/4"	1.27	2.80
DAR-5	100	3.94	52	2.05	160	6.30	130	5.12	20	0.79	13	0.51	3/8"	2.45	5.40
DAR-6	120	4.72	62	2.44	194	7.64	152	6.00	24	0.94	17	0.67	3/8"	4.70	10.35
DAR-7	120	4.72	77	3.03	194	7.64	152	6.00	24	0.94	17	0.67	3/8"	5.70	12.55

*will accept NPT

Operational Data

Model	Frequency VPM			Centrifugal Force						Air Consumption/Minute					
	2 Bar	4 Bar	6 Bar	2 Bar	29 PSI	4 Bar	68 PSI	6 Bar	87 PSI	2 Bar	29 PSI	4 Bar	68 PSI	6 Bar	87 PSI
	29 PSI	68 PSI	87 PSI	N	Lb	N	Lb	N	Lb	Litr	CF	Litr	CF	Litr	CF
DAR-2	36,000	36,600	38,000	2,220	500	3,380	760	4,090	920	70	2.5	140	4.9	200	7.0
DAR-3	27,000	36,000	32,000	2,720	612	4,560	1,026	6,050	1,361	100	3.5	200	7.0	300	10.6
DAR-4	18,000	22,500	25,000	2,360	531	4,610	1,037	6,690	1,505	120	4.2	250	8.8	360	12.7
DAR-5	9,500	15,000	16,500	1,680	378	4,640	1,044	7,200	1,620	130	4.6	270	9.5	390	13.8
DAR-6	7,800	10,000	12,000	4,370	983	6,860	1,544	10,300	2,317	170	6.0	320	11.3	470	16.6
DAR-7	8,000	9,800	11,500	5,870	1,320	9,500	2,137	12,000	2,700	180	6.4	350	12.4	500	17.7



1. Extruded aluminum alloy body
2. High tensile steel races
3. Cast iron roller
4. Special bronze end plates
5. Oiler grooves
6. Impurities collection grooves
7. Air Inlet
8. Air Exhaust
9. Base mounting holes