

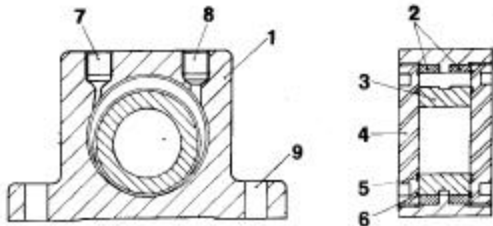
# POWTEK

## DAR MICRO ROLLER VIBRATOR



### DESCRIPTION

The DAR Roller Vibrator offers an extremely high force to weight ratio. It is designed as a robust vibrator suitable for use under the most difficult conditions. Housing is machined from an extruded aluminum section. Inside a precision iron roller rotates on high tensile steel races. It is retained by two high impact special bronze end plates. A filter-regulator-lubricator is to be used at all times with this vibrator.



- 1. Extruded aluminum alloy body
- 2. Hardened ground steel races
- 3. Cast iron roller
- 4. Special bronze endplates
- 5. Oiler grooves
- 6. Impurities collection grooves
- 7. Air inlet
- 8. Air exhaust
- 9. Base mounting holes

### FEATURES

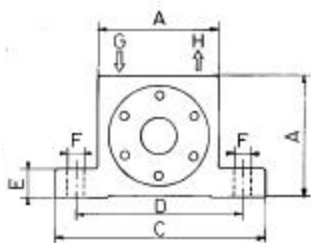
The DAR series can offer an outstanding amplitude at an optimal frequency. Being pneumatically powered, frequency can be controlled by a pressure regulator. With its slim shape, it can be easily fitted in tight spots.

### APPLICATIONS

Finishing & consolidation of concrete molds  
 Compaction of plastic pellets.  
 Flow aid device for chutes and hoppers.

### PERFORMANCE DATA

MODEL	FREQUENCY			CENTRIFUGAL FORCE			AIR CONSUMPTION		
	30 PSI	60 PSI	90 PSI	30 PSI	60 PSI	90 PSI	30 PSI	60 PSI	90 PSI
	vpm	vpm	vpm	lbs	lbs	lbs	cfm	cfm	cfm
DAR-2	36000	38000	38000	500	760	920	2.5	5.0	7.0
DAR-3	27000	32000	32000	612	920	1360	3.5	7.0	10.0
DAR-4	18000	22000	25000	530	1030	1500	4.2	9.0	13.0
DAR-5	9500	15000	16000	480	1120	1620	4.6	9.5	14.0
DAR-6	7800	10000	12000	980	1500	2300	6.0	11.0	16.0
DAR-7	8000	9800	11000	1300	2100	2700	6.4	12.0	17.0



### DIMENSIONS

MODEL	A	B (width)	C	D	E	F	H	WEIGHT
	inches	inches	inches	inches	inches	inches	inches	lbs
DAR-2	1.97	1.18	3.38	2.68	0.47	0.27	1/8	0.82
DAR-3	2.56	1.42	4.45	3.54	0.63	0.35	1/4	1.68
DAR-4	3.15	1.57	5.04	4.00	0.63	0.43	1/4	2.80
DAR-5	3.94	2.05	6.30	5.12	0.79	0.51	3/8	5.40
DAR-6	4.72	2.44	7.64	6.00	0.94	0.67	3/8	10.35
DAR-7	4.72	3.03	7.64	6.00	0.94	0.67	3/8	12.55