

Simple Rules For Selecting Your Carshaker

Material in Rail Road Car	
Group 1	Cement, Flour, Carbon Black, Bone Black, Aluminum Shot
Group 2	"After Vibration": (for cleaning car) Cement, Sugar, Flour, Chemical Salts, (no moisture), Corn Grits, Arsenic, Barley Hops, Carbon Black, Borax, Fluoride, Gypsum, Sodium Sulfate, Peanuts, Sodium Nitrate, Semolina, Tri-Sodium Phosphate, and like materials
Group 3	Salts, Molasses, Iron Ore, Malt (if sticky), Potash, Bauxite, Calcium Carbide, Crushed Marble and like materials
Group 4	Sand, Stone, Asphalt, Stone Dust, Fly Ash, Salt, Coal, Clay-Lime-Lumps and like material

Electrically Operated

Model	Vibrator	Bracket****	Electric Power*	Weight Lbs	Group	dB**
VMC-450	2P-450***	Clamp-On	1&3 Phase	50	1	70
VMC-1000	4P-1000****	Clamp-On	1&3 Phase	52	1	70
VMW-450	2P-450	Wedge	1&3 Phase	48	1	70
VMW-700-1000	4P-700, 4P-1000	Wedge	1&3 Phase	50	1	70
VMC-450	2P-800	Clamp-On	1&3 Phase	85	2	75
VMC-1000	2P-800	Wedge	1&3 Phase	75	2	75
VMC-450	2P-1700	Clamp-On	3 Phase	90	3	78
VMC-1000	2P-2500	Clamp-On	3 Phase	98	4	80

Air Operated

Model	Vibrator	Bracket	CFM/80 PSI	Weight Lbs	Group	dB*
CCW-5000	Rotary Piston	Wedge	35	48	1-2	72-25
44-3	3" Piston	Wedge	30	50	1-2	93-95
CCW-5000	Rotary Piston	Wedge	35	48	1-2	72-75
PFW-1500	PF-1500	Wedge	21	55	1-2	80-85
PFC-1500	PF-1500	Clamp-On	21	63	1-2	80-85
CCW-5000	Rotary Piston	Wedge	35	48	2-3	72-75
SVRWS-5500	High Frequency	Wedge	50	48	2-3	78-85
SVRWS-6500	High Frequency	Wedge	50	48	2-3	78-85
44-4	3" L Piston	Wedge	50	60	2-3	90-95
PC-3500	PC-3500	Clamp-On	39	70	2-3	80-85
SVRWS-5500	SVRS-Silent	Wedge	50	48	3-4	78-85
SVRWS-6500	SVRS-Silent	Wedge	50	48	3-4	78-85
PC-3500	PC-3500	Clamp-On	39	51	3-4	80-85
SVRC-5500, 6500 & 8000	SVR-High Frequency	Clamp-On	55	58	3-4	93-95
	SVR-High Frequency	Clamp-On	55	58	3-4	93-95

* 115 or 230 volt 1 Phase; 230, 460, 575 volt 3Phase

** Decibel at 1 meter on A scale

*** 2P-450 for fine granular materials

**** 4P-1000 for lumpy or stringy materials

***** When possible use wedge bracket over clamp-on for better vibration transfer

VIBCO
VIBRATORS