(866) 260-6457
www.Rjmarshall.com

Pneumatic Ball Type Table Vibrators

Application: For use on Casting Carts, Vibe Tables or other carts or tables where vibration is desired during casting.

Gruber Pneumatic Ball Type Vibrators are used in vibrate excess air out of marble matrix after pouring. Gruber Vibrators provide high-frequency vibration at an economical price. The only moving part is a high-grade chrome steel ball. Lubrication, while not required, extends the life of the units. Other uses these vibrators are for small hoppers, parts feeders, chutes and match plates. Air consumption for these units is moderate.

Gruber's ball type vibrators are highly reliable, ultra heavy-duty, and operate in the tough adverse conditions found in cultured marble and solid surface manufacturing facilities and others. These vibrators offer highly efficient vibration in a quality product.

Model CV-25 - extra heavy-duty construction for operation in adverse conditions or water, heat, cold and grit. Vibration is controlled from a few cycles per minute to full speed by installation of a needle valve or pressure regulator. These vibrators assure satisfactory and efficient vibration for the toughest jobs.
Order No. - 02012

Includes a muffler (shown below):

Model CV-35 - same as the CV-25, but produces up to 675 lbs force at 10,000 VPM.
Order No. - 02013

Includes a muffler (shown below):

DV-41 and DV-51 - These vibrators produce all directional vibration required for big jobs. Meets rugged requirements on extra large bins and hoppers.Both feature migratory, replaceable races.

#41 - For very rigid hoppers or chutes, the #41 vibrator is without equal. Ideal for larger weigh batchers in ready-mix plants.

Order No. - #02014

Includes a muffler (shown below):

#51 - This vibrator delivers more vibratory force at lower frequency. An effective unit for use on material that responds best to higher amplitudes and lower frequencies.

Order No. - #02016 (special order)

Includes a muffler (shown below):

Model Number	PSI Required to Start		SPEED, FORCE AND CFM AT PSI									Max. Lb Material in Sloped Portion of Bin*
			20 PSI			40 PSI			60 PSI			
	Vert	Horz	Speed VPM	Force Lbs	CFM	Speed VPM	Force Lbs	CFM	Speed VPM	Force Lbs	CFM	
#25	30	15	7,500	175	6	9,700	275	10	11,000	380	13	3,800
#35	50	25	6,800	315	6	8,800	530	12	10,000	675	17	6,750
#41	65	25	3,200	255	9	4,300	460	16	4,900	600	24	6,000
#51	80	30	3,100	300	12	4,200	540	19	4,900	750	28	7,500

Same information, organized differently

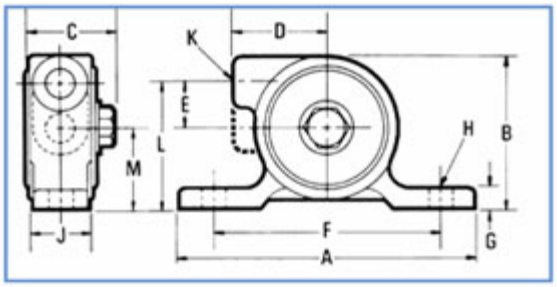
Model	FREQUENCY			FORCE (LB)			AIR CONSUMPTION (CFM)		
	20 PSI	40 PSI	60 PSI	20 PSI	40 PSI	60 PSI	20 PSI	40 PSI	60 PSI
#25	7,500	9,700	11,000	175	275	380	6	10	13
#35	6,800	8,800	10,000	315	530	675	6	12	17
#41	3,200	4,300	4,900	255	460	600	9	16	24
#51	3,100	4,200	4,900	300	540	750	12	19	28

*** Rule of thumb Vibrator Sizing.**

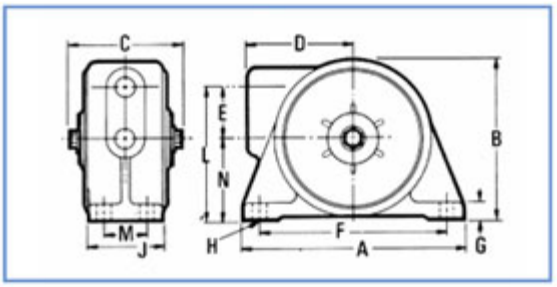
- One pound of vibrator force for each ten pounds of bin content.
- Mount vibrator as close as possible to material outlet.
- Reinforce mount area to prevent flexure of bin wall at mount location.

Dimensions

#25 and #35



#41 and #51



All dimensions are expressed in Inches

Model #	A	B	C	D	E	F	G	H	J	K	L	M
#25	5-1/4	4-1/4	2-1/4	2-1/4	1-1/8	4	1/2	1/2	1-3/4	1/4	3-5/8	2-1/2
#35	5-1/4	4-1/4	2-1/4	2-1/4	1-1/8	4	1/2	1/2	1-3/4	1/4	3-5/8	2-1/2
#41	6-1/2	4-3/4	2-13/16	2-5/8	1-1/2	5-1/2	1/2	3/8	2-1/8	3/8	3-15/16	1-1/4
#51	6-1/2	5-9/32	3-9/32	3-1/8	1-1/2	5-1/2	1/2	3/8	2-5/8	3/8	4-3/16	1-3/4

Replacement Vibrator Mufflers

Vibrator Mufflers are used to further reduce noise during vibration.

Order Information

Muffler - for Vibrator #25 - #02015

Muffler - for Vibrator #35 - #02015

Muffler - for Vibrator #41 - #02017

Muffler - for Vibrator #51 - #