

Vibra-Might VMS and VMR Air-Piston Vibrators



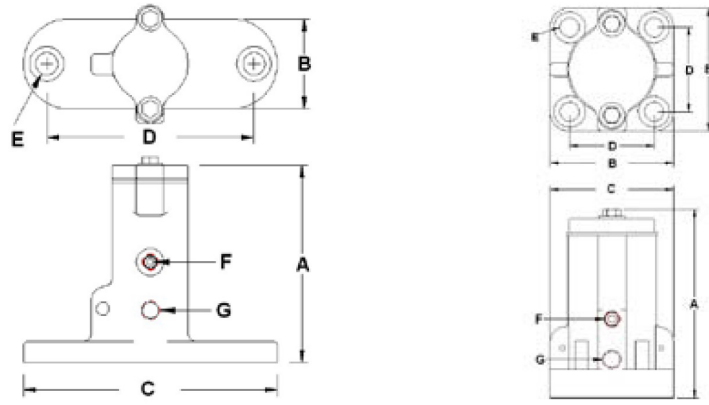
Because Big Jobs Demand Maximum Force Output

Metal-to-metal impact puts more force behind our Vibra-Might VMS and VMR Air-Piston Vibrators than you'll find on similarly sized air-cushioned products. Commonly used as a flow or discharge aid on bins and hoppers, these vibrators provide linear force to allow for controlled application of directional force on materials. That makes them just as useful for a variety of equipment, such as feeders, conveyors, alignment tracks, screeners and compaction tables.

BENEFITS INCLUDE

- Durable, one-piece, high-quality ductile iron housing
- Dual diameter piston allows for mounting at any angle
- Hand-finished honing in the bore ensures a smooth, tight piston fit and a longer life
- NitroFusion-hardened piston extends life and effectiveness
- Threaded exhaust port enables porting of exhaust air, or use of optional muffler or port protector prevents internal contamination
- Exhaust muffler to reduce noise levels
- Mounting fasteners included for quick setup
- Available as a kit that includes mounting channel, 5-foot hose with fittings, hand valve and lubrication control
- Portable mounting system available for easy transfer to multiple applications
- Single-impact air-piston vibrators also available

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VMS/VMR

MODEL	PISTON DIAMETER	A	B	C	D	E	F	G	WT. (lbs./kg.)	PISTON WT.	AIR CNSMP scfm/lpm (lpm=liter per min) @ 60 psig 4.1 bar	FREQUENCY* vpm (vibrations per min) @ 60 psig 4.1 bar
1125 VMR	1¼" 3.2 cm	5⅞" 13.8 cm	3" 7.6 cm	5¾" 14.6 cm	4½" 11.4 cm	½" 1.3 cm	¼" .64 cm	¼" .64 cm	6 lbs. 2.7 kg	1.5 lbs. .68 kg	7 SCFM 198 LPM	4,640
1200 VMR	2" 5.1 cm	7" 17.8 cm	3¼" 8.3 cm	9⅞" 23.3 cm	7½" 19.1 cm	¾" 1.9 cm	¼" .64 cm	⅜" 1 cm	14 lbs. 6.4 kg	2.5 lbs. 1.14 kg	7.2 SCFM 204 LPM	4,500
1125 VMS	1¼" 3.2 cm	4⅞" 11.9 cm	3" 7.6 cm	3" 7.6 cm	2" 5.1 cm	⅜" 1 cm	¼" .64 cm	¼" .64 cm	6 lbs. 2.7 kg	1.5 lbs. .68 kg	7.4 SCFM 210 LPM	4,640
1150 VMS	1½" 3.8 cm	6⅜" 16.2 cm	4⅜" 11.1 cm	4⅜" 11.1 cm	3" 7.6 cm	⅝" 1.6 cm	¼" .64 cm	⅜" 1 cm	15 lbs. 6.8 kg	2 lbs. .91 kg	7.4 SCFM 210 LPM	4,000
1200 VMS	2" 5.1 cm	6¾" 17.2 cm	4⅜" 11.1 cm	4⅜" 11.1 cm	3" 7.6 cm	⅝" 1.6 cm	¼" .64 cm	⅜" 1 cm	16.3 lbs. 7.39 kg	2.5 lbs. 1.14 kg	10 SCFM 311 LPM	4,500
1300 VMS	3" 7.6 cm	8⅞" 21.4 cm	5¾" 14.6 cm	5¾" 14.6 cm	4⅞" 10.5 cm	¾" 1.9 cm	⅜" 1 cm	½" 1.3 cm	35.8 lbs. 16.24 kg	10 lbs. 4.55 kg	21.5 SCFM 609 LPM	3,350
1350 VMS	3½" 8.9 cm	9⅞" 26.8 cm	5¾" 14.6 cm	5¾" 14.6 cm	4⅞" 10.5 cm	¾" 1.9 cm	½" 1.3 cm	½" 1.3 cm	46 lbs. 20.87 kg	14.5 lbs. 6.59 kg	21 SCFM 595 LPM	2,400
1400 VMS	4" 10.2 cm	12" 30.5 cm	8½" 21.6 cm	8½" 21.6 cm	6¼" 15.9 cm	1¼" 3.2 cm	½" 1.3 cm	¾" 1.9 cm	108 lbs. 48.99 kg	30 lbs. 13.64 kg	28 SCFM 795 LPM	2,100
1500 VMS	5" 12.7 cm	17" 43.2 cm	11" 27.9 cm	11" 27.9 cm	7⅞" 18.9 cm	1¼" 3.2 cm	¾" 1.9 cm	1" 2.5 cm	235 lbs. 107 kg	73 lbs. 33.18 kg	60 SCFM 1,700 LPM	1,150
1700 VMS	7" 17.8 cm	19⅞" 48.6 cm	13½" 34.3 cm	16" 40.6 cm	8½" 21.6 cm	1½" 3.8 cm	1" 2.5 cm	1¼" 3.2 cm	450 lbs. 204.11 kg	130 lbs. 59.09 kg	194 SCFM 5,506 LPM	920

*Frequency data obtained through testing under a no-load condition. Frequency will decline as load increased.
Coated vibrators for non-lubricated applications are available.
VMSAC also available in 1,700 and 19,000 sizes. Consult factory for details.

One-piece, ductile iron housing and spring-less design help make sure our Vibra-Might VMS and VMR Air-Piston Vibrators last a long time. These vibrators are available in a wide range of vibration intensities and offer a dual diameter piston to enable easy mounting on bins, chutes and hoppers.

That's why they're ideal for handling material loads from 200 lbs. to more than 100 tons in a variety of mining, food and agriculture, aggregate and concrete, powder and manufacturing applications. You can also choose a rectangular (VMR) or square (VMS) base to match the mounting style you need.

FOR MORE INFORMATION

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Buy Online: www.clevelandvibrator.com

