

AIR-PISTON VIBRATORS : PRODUCT DATA SHEET

Air-Piston Vibrators



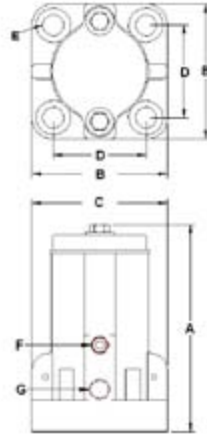
Because Big Jobs Demand Maximum Force Output

Metal-to-metal impact puts more force behind our 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 the 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
- 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

Air-Piston Vibrators



VMS/VMR

MODEL	PISTON DIAMETER	A	B	C	D	E	F	G	WT.	PISTON WT.	AIR CNSMP scfm/lpm (lpm=liter per min) @ 60 psig 4.1 bar	FREQUENCY* (vibrations per min.) @ 60 psig 4.1 bar
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VMS 1125	1¼" 3.2 cm	4 11/16" 11.9 cm	3" 7.6 cm	3" 7.6 cm	2" 5.1 cm	3/8" 1 cm	¼" .64 cm	¼" .64 cm	6 lbs. 2.7 kg	1.5 lbs. .68 kg	7.4 210	4,640
VMS 1150	1½" 3.8 cm	6 3/8" 16.2 cm	4 3/8" 11.1 cm	4 3/8" 11.1 cm	3" 7.6 cm	5/8" 1.6 cm	¼" .64 cm	3/8" 1 cm	15 lbs. 6.8 kg	2 lbs. .91 kg	7.4 210	4,000
VMS 1200	2" 5.1 cm	6 3/4" 17.2 cm	4 3/8" 11.1 cm	4 3/8" 11.1 cm	3" 7.6 cm	5/8" 1.6 cm	¼" .64 cm	3/8" 1 cm	16.3 lbs. 7.39 kg	2.5 lbs. 1.14 kg	10 311	4,500
VMS 1300	3" 7.6 cm	8 7/16" 21.4 cm	5 3/4" 14.6 cm	5 3/4" 14.6 cm	4 1/8" 10.5 cm	3/4" 1.9 cm	3/8" 1 cm	½" 1.3 cm	35.8 lbs. 16.24 kg	10 lbs. 4.55 kg	21.5 609	3,350
VMS 1350	3½" 8.9 cm	9 13/16" 26.8 cm	5 3/4" 14.6 cm	5 3/4" 14.6 cm	4 1/8" 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	21 595	2,400
VMS 1400	4" 10.2 cm	12" 30.5 cm	8 1/2" 21.6 cm	8 1/2" 21.6 cm	6 1/4" 15.9 cm	1 1/4" 3.2 cm	½" 1.3 cm	¾" 1.9 cm	108 lbs. 48.99 kg	30 lbs. 13.64 kg	28 795	2,100
VMS 1500	5" 12.7 cm	17" 43.2 cm	11" 27.9 cm	11" 27.9 cm	7 7/16" 18.9 cm	1 1/4" 3.2 cm	¾" 1.9 cm	1" 2.5 cm	235 lbs. 107 kg	73 lbs. 33.18 kg	60 1,700	1,150
VMS 1700	7" 17.8 cm	19 1/8" 48.6 cm	13 1/2" 34.3 cm	16" 40.6 cm	8 1/2" 21.6 cm	1 1/2" 3.8 cm	1" 2.5 cm	1 1/4" 3.2 cm	450 lbs. 204.11 kg	130 lbs. 59.09 kg	194 5,506	920

* Frequency data obtained through testing under a no-load condition. Frequency will decline as load is increased.
Coated vibrators for non-lubricated applications are available.
VMSAC also available in 1,700 and 1,900 sizes. Consult factory for details.

One-piece, ductile iron housing and spring-less design help make sure our 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.