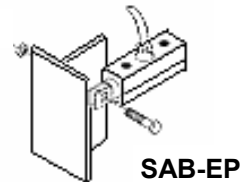
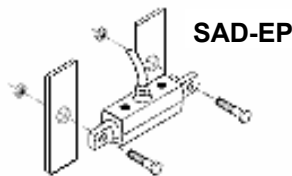
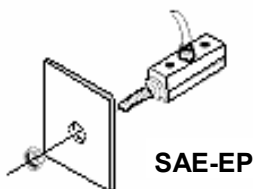
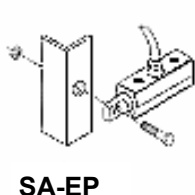


CLEVELAND VIBRATOR SA Models



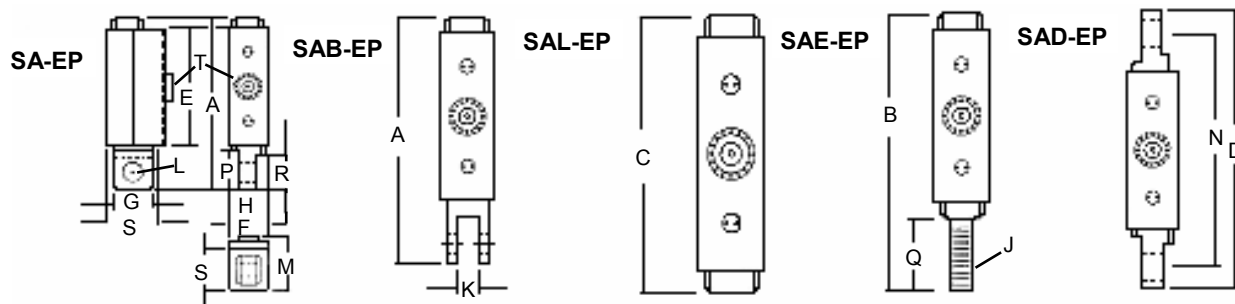
METALLIC IMPACT AIR VIBRATOR
FOR MATCH PLATES AND SHELL CORE MACHINES, SMALL BINS AND HOPPERS



Linear vibration force makes the Model SA-EP the most powerful, continuous-duty vibrator for its size. It is especially effective for match plates and shell core machine applications in the foundry industry. The SA-EP is also useful in eliminating bridging and plugging in small bins, hoppers and chutes. A variety of mounting heads

are available to allow quick and easy installation for countless other applications where a small vibrator is desired.

Full porting insures quick starts, full power and smooth operation. Exhaust protection is provided to prevent contamination from entering the body through the exhaust holes.



SA-EP		<i>Coated vibrators for non-lubricated applications are available.</i>																			
PISTON DIA. in/cm	A in/cm	B in/cm	C in/cm	D in/cm	E in/cm	F in/cm	G in/cm	H in/cm	J in/cm	K in/cm	L in/cm	M in/cm	N in/cm	P in/cm	Q in/cm	R in/cm	S in/cm	T in/cm	WT. lbs/kg	air cnsmp. scfm/lpm @60 psig 4.1 bar	frequency* (vib per min) @60 psig 4.1 bar
1/2 1.3	5-3/16 13.2	5-3/4 14.6	4-1/2 11.4	5-7/8 14.9	3-3/4 9.5	1.0 2.5	3/4 1.9	5/16 0.8	1/2-13nc	11/32 0.9	5/16 0.8	1-13/32 3.6	5-1/4 13.3	13/16 2.1	1-1/4 3.2	9/16 1.4	7/8 2.2	1/8 0.3	1.0 0.5	3.8 108	16,000
5/8 1.6	5-3/8 13.7	5-3/4 14.6	4-1/2 11.4	6-1/4 15.9	3-3/4 9.5	1-1/8 2.9	7/8 2.2	13/32 1.0	1/2-13nc	3/8 1.0	3/8 1.0	1-17/32 3.9	5-5/16 13.5	1.0 2.5	1-1/4 3.2	3/4 1.9	1.0 2.5	1/4 0.6	1-1/4 0.6	4.0 113	14,100
3/4 1.9	5-3/8 13.7	5-3/4 14.6	4-1/2 11.4	6-1/4 15.9	3-3/4 9.5	1-5/16 3.3	1 2.5	13/32 1.0	1/2-13nc	7/16 1.1	3/8 1.0	1-23/32 4.4	5-3/8 13.7	1.0 2.5	1-1/4 3.2	3/4 1.9	1-3/16 3.0	1/4 0.6	1-3/4 0.8	5 142	12,700
1 2.5	5-15/16 15.1	6-5/16 16.0	4-13/16 12.2	7-1/16 17.9	3-15/16 10.0	1-5/8 4.1	1-1/4 3.2	9/16 1.4	5/8-11nc	1/2 1.3	1/2 1.3	2-1/32 5.2	5-31/32 15.2	1-3/16 3.0	1-1/2 3.8	15/16 2.4	1-1/2 3.8	1/4 0.6	3-1/2 1.6	5 142	11,000
1-1/4 3.2	7-5/8 19.4	9-1/8 23.2	5-7/8 14.9	9-3/8 23.8	5-3/8 13.7	n/a	1-5/8 4.1	11/16 1.7	3/4-10nc	1/2 1.3	1/2 1.3	2-3/4 7.0	8.0 20.3	1-7/16 3.7	1-3/8 3.5	1-7/16 3.7	2-3/16 5.6	1/4 0.6	6-3/4 3.1	6.0 170	7,600

THE CLEVELAND VIBRATOR COMPANY
2828 CLINTON AVE. CLEVELAND, OH 44113
800-221-3298

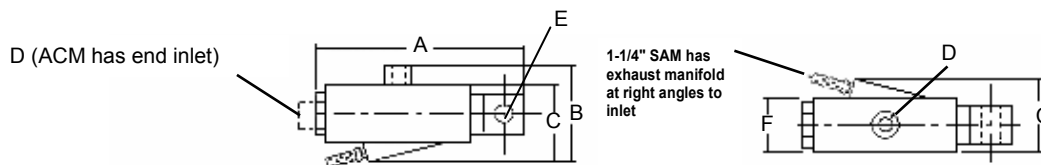


CLEVELAND VIBRATOR SA Models

AIR-CUSHIONED VERSION AIR VIBRATOR
FOR MATCH PLATES AND SHELL CORE MACHINES, SMALL BINS AND HOPPERS

SAM and ACM air-cushioned piston vibrators provide powerful yet quiet vibration. Quiet because the piston is cushioned on a pad of air at the end of each stroke ensuring no metal to metal contact. Standard features include a built-in exhaust manifold, which captures the exhausting air and directs it

through a muffler. SAM and ACM vibrators keep materials moving quickly and efficiently in small hoppers, bins, chutes, tracks, and test devices. For foundry applications, they are a quiet alternative to model SA-EP on match plates and for shell core machines.



ACM • SAM		<i>Coated vibrators for non-lubricated applications are available.</i>								
MODEL	PISTON DIA in/cm	A in/cm	B in/cm	C in/cm	D in/cm	E in/cm	F in/cm	WT lb/kg	AIR CNSMP. scfm/lpm @80 psig 5.4 bar	FREQUENCY* (vib per min) @80 psig /5.4 bar
3/4" ACM	3/4 1.9	5-3/4 14.6	n/a	1-15/16 4.9	1/4 0.6	3/8 1.0	1-3/16 3.0	1-1/2 0.7	2.8 79.3	3550
1" SAM	1 2.5	5-7/8 14.9	2-3/4 7.0	2-1/4 5.7	1/4 0.6	1/2 1.3	1-1/2 3.8	3-1/2 1.6	3.7 105	3900
1-1/4" SAM	1-1/4 3.2	7-3/4 19.7	2-5/8 6.7	2-5/8 6.7	1/4 0.6	1/2 1.3	2 5.1	7 3.2	7 198	3200

****Frequency data obtained through testing under a no-load condition. Frequency will decline as load is increased.***

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