

Air-Cooled Shakers



LE-1216M

LE-1216

LE-1224

LE-1216M

- Peak Sine Force: 11000 lbf (48.9 kN)
- Random Force rms: 11000 lbf (48.9 kN)
- Velocity Peak: 71 in/sec. (1.8 m/sec)

LE-1216

- Peak Sine Force: 12000 lbf (53.4 kN)
- Random Force rms: 12000 lbf (53.4 kN)
- Velocity Peak: 71 in/sec. (1.8 m/sec)

LE-1224

- Peak Sine Force: 12000 lbf (53.4 kN)
- Random Force rms: 10000 lbf (44.5 kN)
- Velocity Peak: 71 in/s (1.8 m/sec)

Armature diameters to choose from

- 17.25 inch (438 mm)
- 25.5 inch (648 mm)
- Vertical Isolation Mounts
- Isolated Trunnions (VH) with Lin-E-Air Isolation
- Monobase with slip tables
- Air glides and guidance systems

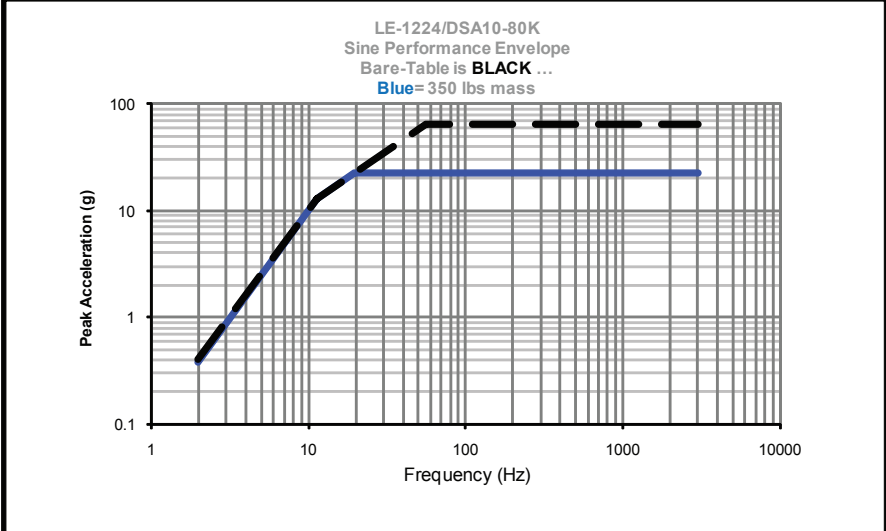
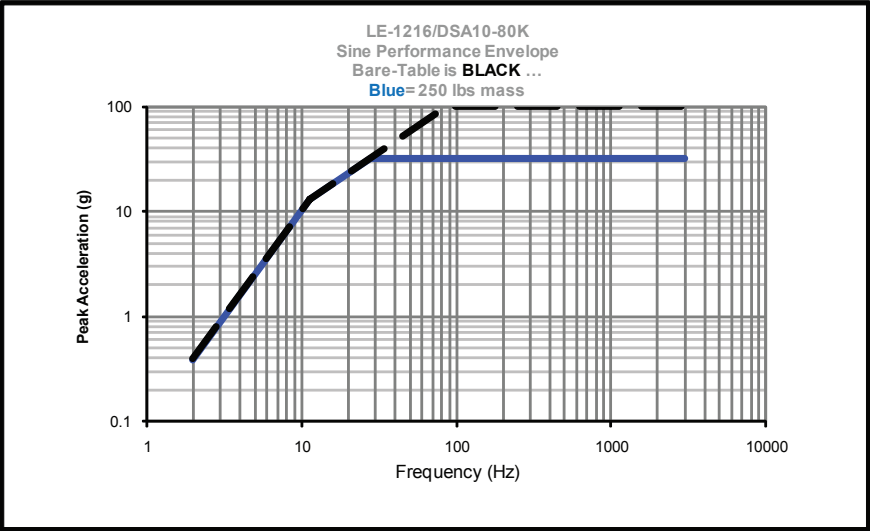
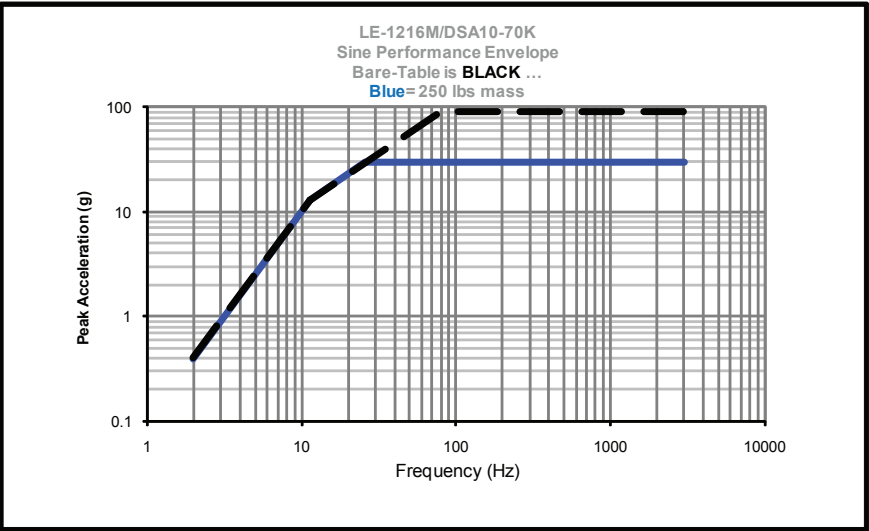


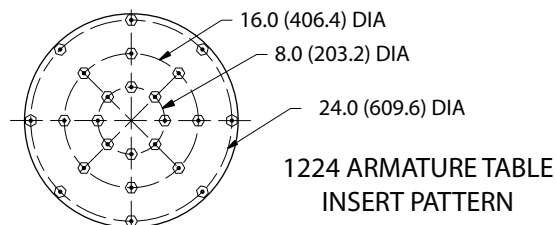
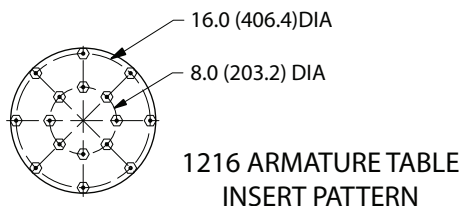
LE-1216M/1216/1224 model shakers are high performance shakers offering good control capabilities at frequencies up to 3 kHz. The LE-12XX models offer a choice of two table sizes: 17.25 inch for high acceleration testing and 25.5 inch designed for production testing, typically of larger oversized payloads such as large Hybrid battery packs, large LED or LCD monitors and many other commercial and automotive components. Both versions use rigid table designs to provide high quality dynamic performance. Other options include: automatic armature centering, economy mode for field supply, vertical isolation mounts (VI), air isolated trunnions with Lin-E-Air low frequency isolation (VH), air glides, chamber interfaces, and monobase systems for sequential three axis testing. The LE-12XX model shakers are forced air cooled via a remote blower.

SignalForce[®] Shakers

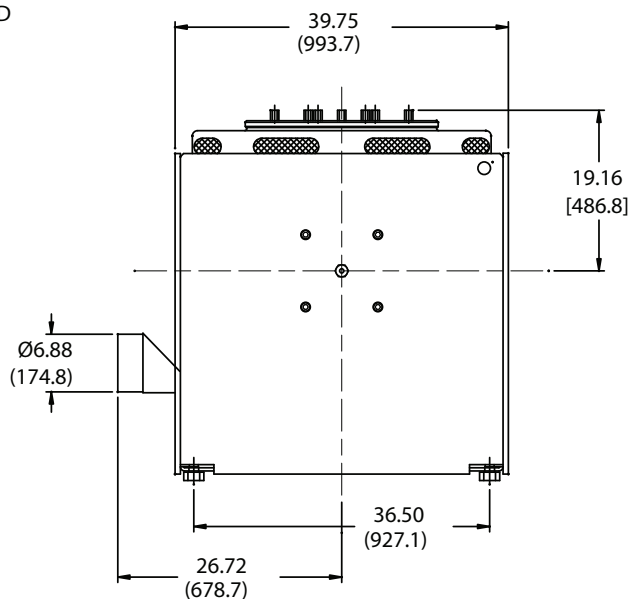
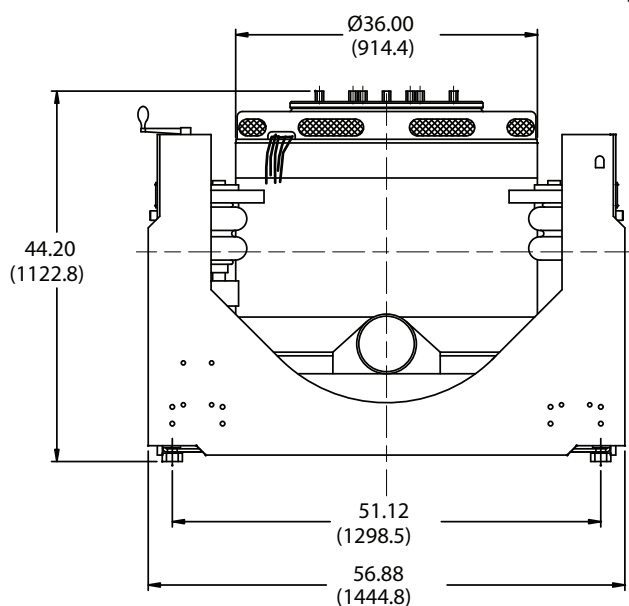
	Maximum Sine Force		Maximum Random Force		Armature Mass		Armature Diameter		Maximum Acceleration (bare table)		Maximum Velocity		Displacement Peak to Peak		Frequency Range	Armature Axial Resonance	Armature Suspension	Static Load Support		Stray Magnetic Field		Facility Power Requirements	Uncrated Weight	
	lbf	kN	lbf	kN	lbs	kg	in	mm	g	m/s2	ips	mps	in	mm	Hz	Hz		lbs	kg	gauss	mT	kVA	lbs	kg
LE-1216M/DSA10-70k	11000	48.9	11000	48.9	120	54.4	17.25	438	91	892	71	1.8	2.0	51	5-3000	2150	half loop beryllium copper	1500	680	< 5	.5	95	7000	3175
LE-1216/DSA10-80k	12000	53.4	12000	53.4	120	54.4	17.25	438	100	981	71	1.8	2.0	51	5-3000	2150		1500	680	< 5	.5	105	7000	3175
LE-1224/DSA10-80k	12000	53.4	10000	44.5	184	83.5	25.5	648	65	637	71	1.8	2.0	51	5-3000	2250	flat composite	1500	680	< 10	1.0	105	7000	3175

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