



Air-cooled system ideally suited to test small sized electronic parts, connectors, hand-held units and small mechanical assemblies.

- Continuous displacement 40 mm (1.6 in)
- Useable frequency range 5 - 4500 Hz
- Max static payload 120 kg (264 lb)
- Air-cooled amplifier efficiency > 90%
- Rugged isolated trunnion

Slip Tables

Mono-base slip tables in a wide-range of sizes and configurations for maximum over-turning moment and cross-axial restraint

System Options & Accessories

- Specify Metric or Imperial armature insert pattern & threads. Custom armature & slip table insert patterns.
- Air-isolation feet to eliminate need for seismic floor
- Thermal barrier for use with environmental test chambers
- Remote control panel for remote operation

L0315M SHAKER	METRIC	IMPERIAL
Armature Diameter mm (in)	150	5.9
Armature Material	Mg	Mg
Effective Armature Mass kg (lb)	3	6.6
Armature Insert Pattern PCD mm (in) plus 1 in center	6-60/6-120	6-2.375/6-4.75
Armature Insert Threads	M8	5/16-18 UNC
First Resonant Frequency (bare table) ±5% Hz	3000	3000
Max Static Payload kg (lb)	120	264
Natural Frequency Thrust Axis Hz	< 5	< 5
Stray Flux Density gauss	< 10	< 10
Shaker Weight Uncrated kg (lb)	454	1000
Dimensions Uncrated (W x D x H) mm (in)	795 x 735 x 690	31.3 x 28.9 x 27.2

SYSTEM PERFORMANCE	METRIC	IMPERIAL
Sine Force Peak kN (lbf)	2.94	660
Random Force rms kN (lbf)	2.94	660
Shock Force (6ms) kN (lbf)	5.88	1321
Useful Frequency Range Hz	5 - 4500	5 - 4500
Continuous Displacement pk-pk mm (in)	40	1.6
Shock Displacement pk-pk mm (in)	40	1.6
Max Velocity Peak m/s (in/s)	2	78.7
Max Acceleration Sine Peak m/s ² (g)	980	100

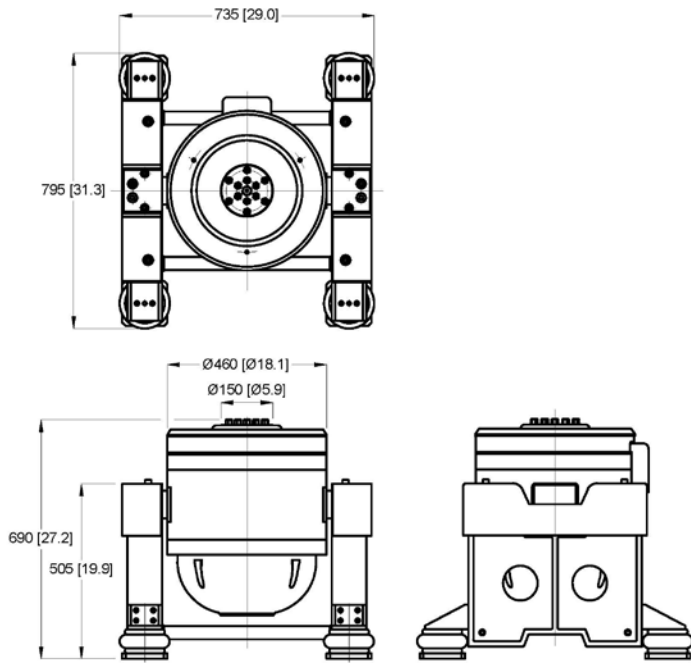
PAS103 AMPLIFIER	METRIC	IMPERIAL
Number of Sub-modules Supplied	1	1
Rated Power Output kVA	3	3
Rated Output Voltage V rms	100	100
Rated Output Current A rms	32	32
Number of Cabinets	1	1
System Required Power kVA	5	5
Amplifier Weight Uncrated kg (lb)	230	507
Dimensions Uncrated (W x D x H) mm (in)	580 x 850 x 1040	22.8 x 33.5 x 40.9

BU-1 BLOWER	METRIC	IMPERIAL
Standard Hose Length m (ft)	3	9.8
Hose Diameter mm (in)	123	4.8
Blower Unit Weight Uncrated kg (lb)	26	57.3
Dimensions (W x D x H) mm (in)	430 x 450 x 370	16.9 x 17.7 x 14.6

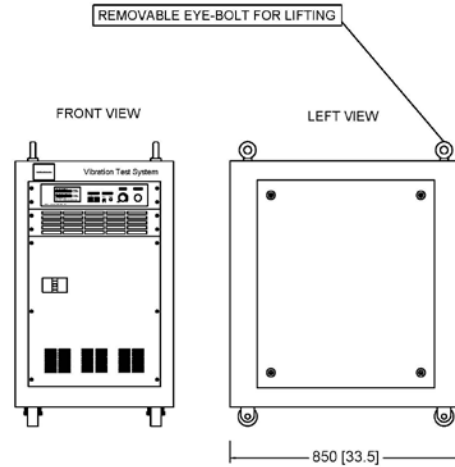


Systems tested & assembled in the USA coming soon. Contact Sentek Dynamics for availability.

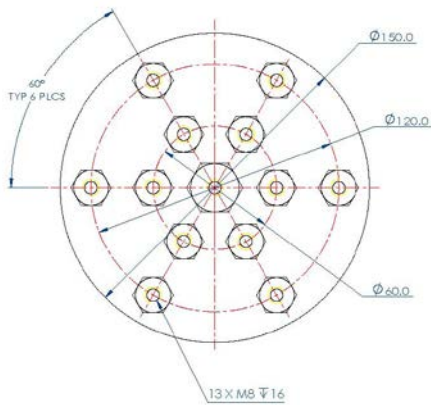
SHAKER MODEL L0315M



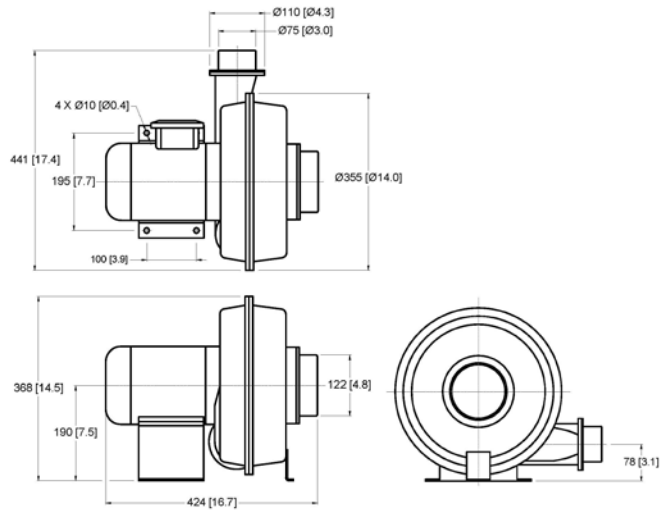
POWER AMPLIFIER MODEL PAS103



ARMATURE INSERT PATTERN



BLOWER UNIT MODEL BU-1



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