

L0315M-PAS103 SYSTEM DATASHEET

SYSTEM PERFORMANCE	METRIC	IMPERIAL
Sine Force Peak kN (lbf)	3	660
Random Force rms kN (lbf)	3	660
Shock Force (6ms) kN (lbf)	6	1,320
Useful Frequency Range Hz	5 - 4500	5 - 4500
Continuous Displacement mm (in)	40	1.6
Shock Displacement mm (in)	40	1.6
Max Velocity m/s (in/s)	2	78.7
Max Acceleration Sine Peak m/s ² (g)	980	100

Air-cooled system ideally suited to testing 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

L0211A 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	5/16-18UNC
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	998.8
Dimensions Uncrated (W x D x H) mm (in)	720 x 530 x 655	24.8 x 20.9 x 25.8

SLIP TABLES

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

OPTIONS & ACCESSORIES

Sentek Dynamics offers a wide selection of options and accessories for unique applications and complete turn-key systems.

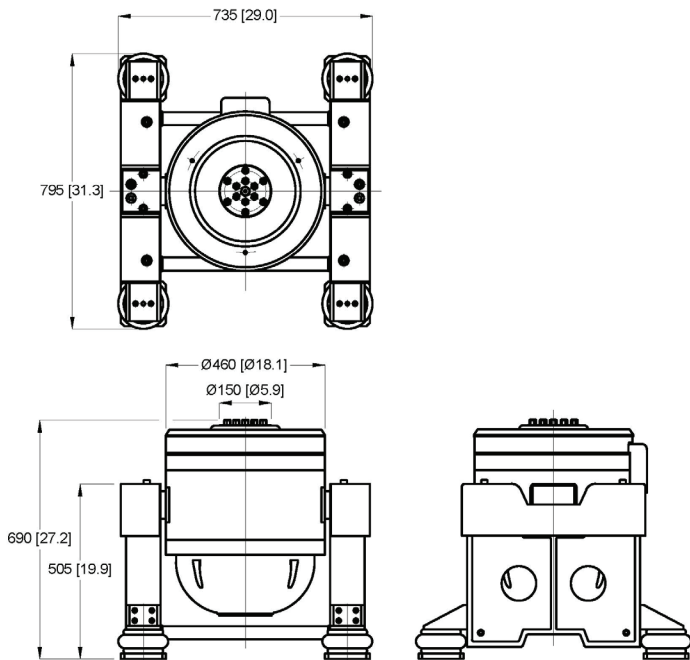
- Custom armature and slip table insert patterns and threads available
- Air-isolation feet, pads and mounts to eliminate need for seismic floor
- Thermal barrier for use with environmental test chambers
- Remote control panel for remote operation

PAS103 POWER 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	506
Dimensions Uncrated (W x D x H) mm (in)	580 x 850 x 950	22.8 x 33.5 x 37.4

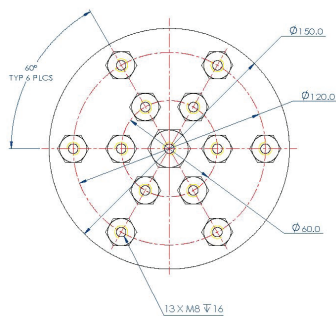
BU-1 BLOWER	METRIC	IMPERIAL
Standard Air Hose Length m (ft)	3	9.8
Hose Diameter mm (in)	123	4.8
Blower Unit Weight Uncrated kg (lb)	26	57.2
Dimensions (W x D x H) mm (in)	430 x 450 x 370	16.9 x 17.7 x 14.6



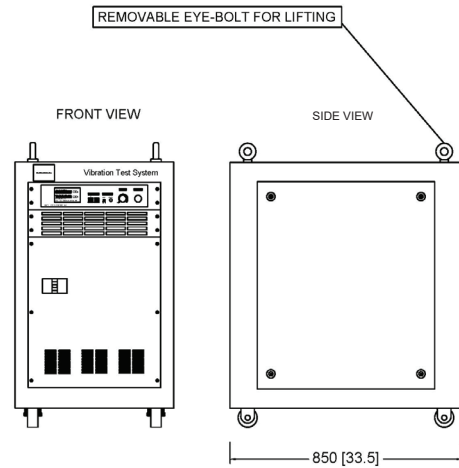
SHAKER MODEL L0315M



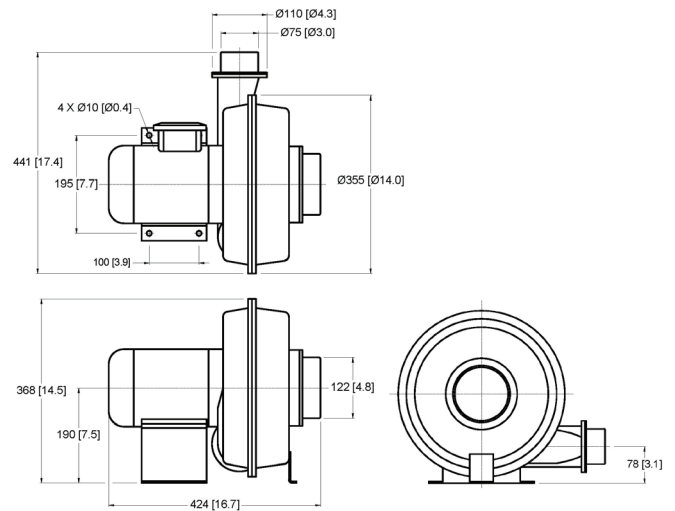
ARMATURE INSERT PATTERN



POWER AMPLIFIER MODEL PAS103



BLOWER UNIT MODEL BU-1



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