



L0211A-PAS103 SYSTEM DATASHEET



SYSTEM PERFORMANCE	METRIC	IMPERIAL
Sine Force Peak kN (lbf)	1.96	440
Random Force rms kN (lbf)	1.96	440
Shock Force (6ms) kN (lbf)	3.92	881
Useful Frequency Range Hz	5 - 4500	5 - 4500
Continuous Displacement mm (in)	25	1.0
Shock Displacement mm (in)	25	1.0
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 test small sized electronic parts, connectors, hand-held units and small mechanical assemblies.

- Continuous displacement 25 mm (1.0 in)
- Useable frequency range 5 - 4500 Hz
- Max static payload 70 kg (154 lb)
- Air-cooled amplifier efficiency > 90%
- Rugged isolated trunnion

L0211A SHAKER	METRIC	IMPERIAL
Armature Diameter mm (in)	110	4.3
Armature Material	Al	Al
Effective Armature Mass kg (lb)	2	4.4
Armature Insert Pattern PCD mm (in) plus 1 in center	6-90	6-3.5
Armature Insert Threads	M8	5/16-18UNC
First Resonant Frequency (bare table) ±5% Hz	3350	3350
Max Static Payload kg (lb)	70	154
Natural Frequency Thrust Axis Hz	< 5	< 5
Stray Flux Density gauss	< 10	< 10
Shaker Weight Uncrated kg (lb)	410	904
Dimensions Uncrated (W x D x H) mm (in)	675 x 805 x 660	26.6 x 31.7 x 26.0

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

PAS103 POWER AMPLIFIER	METRIC	IMPERIAL
Number of Sub-modules Supplied	1	1
Rated Power Output kVA	2	2
Rated Output Voltage V rms	90	90
Rated Output Current A rms	25	25
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

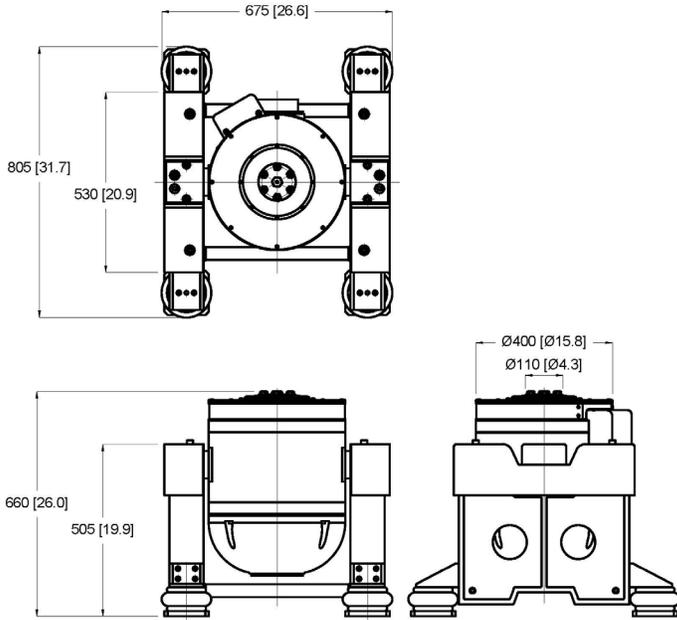
OPTIONS & ACCESSORIES
Sentek Dynamics offers a wide selection of options and accessories for unique applications and complete turn-key systems.

- 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

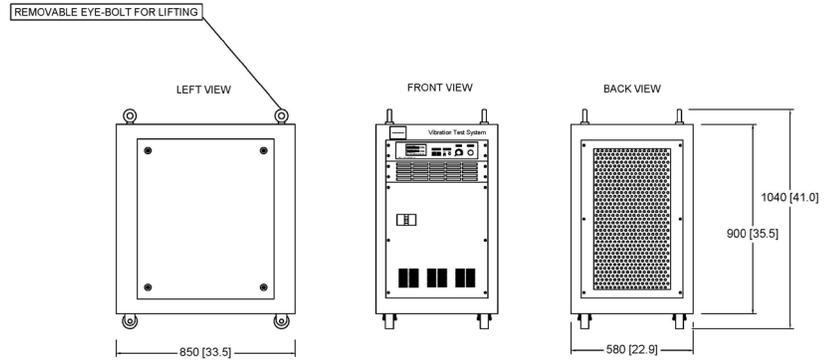
BU-1 BLOWER	METRIC	IMPERIAL
Standard Air Hose Length m (ft)	3	9.8
Hose Diameter mm (in)	123	4.8
Blower Unit Weight Uncrated kg (lb)	26	57.3
Dimensions (W x D x H) mm (in)	430 x 450 x 370	16.9 x 17.7 x 14.6



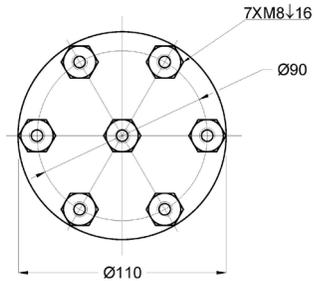
SHAKER MODEL L0211A



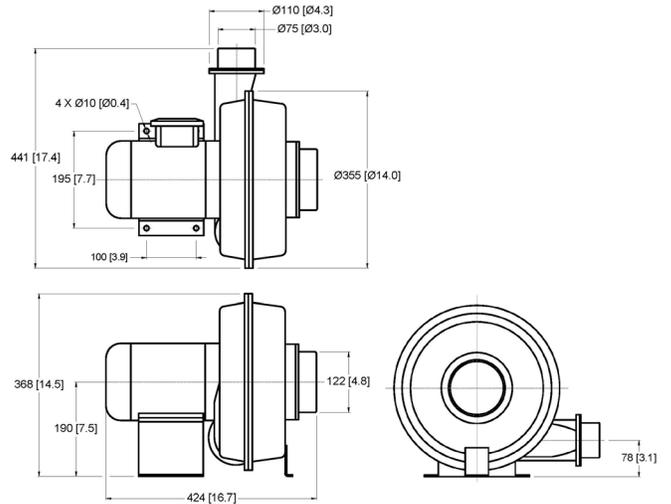
POWER AMPLIFIER MODEL PAS103



ARMATURE INSERT PATTERN



BLOWER UNIT MODEL BU-1



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