



Product Code: B220-01-KIT

Servo-pneumatic Dynamic Testing System - DTS-16 Manual

Description:

The DTS-16 Dynamic Testing System is a servo-pneumatically controlled machine that uses digital control of a pneumatic servo valve to provide accurate loading wave shapes up to 70 Hz. It can operate in tension and compression dynamic loading and is suitable for testing materials like asphalt, soil, unbound granular materials, fibers, and plastics.

Technical Specifications

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|---|---|
| Space Between Columns: 345 mm | Vertical Space: 650 mm |
| Servo Actuator Capacity: ± 16 kN | Frequency: Up to 70 Hz |
| Stroke: 30 mm | Air Supply: Clean dry air |
| Pressure: 800-900 kPa | Minimum Air Supply Rate: Up to 5 litres/sec |
| Power Supply: 90-264V 50-60Hz 1ph 240W (B220-11), 230V 50Hz 1ph 100W (B220-12), 230V 50Hz 1ph 1450W (B221) | Dimensions (B220-11 Load Frame): 1262(h) x 400(d) x 470(w) mm |
| Dimensions (B220-12 Load Frame): 1262(h) x 400(d) x 510(w) mm | Dimensions (Temp-Controlled Cabinet): 2170(h) x 840(d) x 760(w) mm |
| Weight (B220-11 Load Frame): 80 kg | Weight (B220-12 Load Frame): 125 kg |

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