

FAT - SHOCK ABSORBER

ELECTROMECHANICAL STRESS MACHINE

FAT - Shock Absorber is an electromechanical machine for fatigue tests with brushless motor and ball screws, designed to measure forces in extension and compression, suitable for tests on **Dampers**. The machine can work at different degrees of inclination, thanks to a rotating chassis, from vertical to horizontal position with automatic regulation of the working stroke, from **0 to 1000 mm**.



DATA SHEET

Rotation: $\pm 90^\circ$ (manual or automatic on request)

Load: 25kN

Min. division: 0.25 N

Speed: up to 500 mm/s

Stroke: 0 - 1000 mm

Resolution: 0.001 mm

Damper movement: sinusoidal

Programmable parameters: Amplitude, Frequency
Number of cycles



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