



Technical Data Sheet KYNTec Corporation End Stop Buffer

Applications:

- Heavy Duty Industrial Shocks
- Steel Mill Machinery Cushions
- Amusement Park Rides
- Automated Storage and Retrieval Systems
- Overhead Bridge and Trolley Cranes
- Elevator Emergency Cushions
- End of Rail Emergency Cushions
- Lift Bridge Buffers
- Oil and Gas Mooring/Docking Shocks



Product Overview:

Whether your application requires Dashpot, Square Wave, Progressive or Self-Compensating Damping KYNTEC Corporation's End Stop Buffer Series provides protection over a wide range of application inputs and environmental conditions. Oversized bore area coupled with KYNTEC's proprietary damping techniques results in efficient optimal energy absorption. Increased safety factors in a smaller maintenance free package giving the Engineer confidence that the KYNTEC Corporation High End Stop Buffer operates worry free.

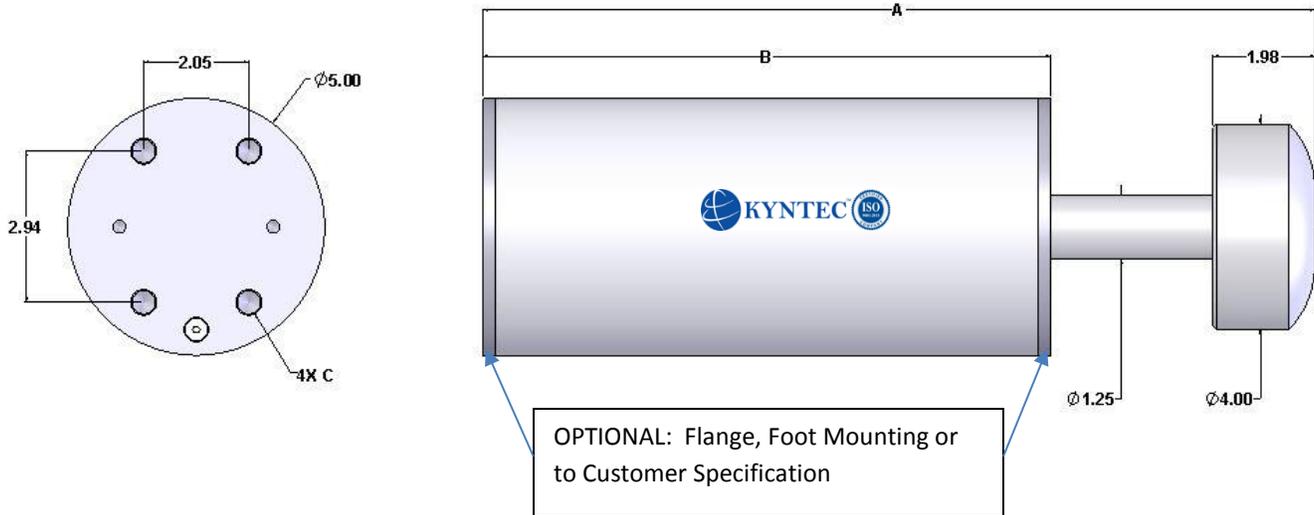


Design Features:

- Custom Designs Available for Any Application; Modular to be Scaled in Diameter and Stroke.
- Application Specific Damping
- Oversized Impact Cap to Reduce Impact Stresses.
- Internal Return Spring; Design for Long Life
- Engineered for Long Life to Meet OSHA, AISE, CMMA, DIN, and FEM
- Wide Range of Operating and Storage Temperatures
- Custom Materials, Coatings, Fluids, Epoxy Paint for Extreme Environments, and Seals Available
- Optional Safety Cables and Protective Rubber Bellows
- Optional Fluid and Seals Available for Expanded Temperature Ranges.
- Optional Custom Mounting/Interfacing Configurations Available



ITAR REGISTERED and COMPLIANT
Cage Code 7BQS7



| Model | STROKE in. (mm) | MAX FORCE lbs. (N) | MINIMUM RETURN FORCE lbs. (N) | MAXIMUM RETURN FORCE lbs. (N) | MAX ENERGY in-lbs./cycle (Nm/cycle) | A in. (mm) | B in. (mm) | C Thread |
|---------|-----------------------|-----------------------------|---|---|--|------------------|------------------|-------------|
| ESB2750 | 3.13 (79,5) | 10,000 (44 500) | 75 (334) | 150 (667) | 26,605 (3 006) | 16.20 (412) | 11.06 (281) | 1/2 - 20 |

KYNTEC Corporation can custom orifice our products to match the dynamics of any competitive product or application.
Additional Standard or Custom Models Available
Subject to Change, Please Consult Factory for Additional Information

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KYNTEC Corporation is the Shock/Vibration Isolation and Recoil Mitigation Industry Leader, Innovator and Pioneer