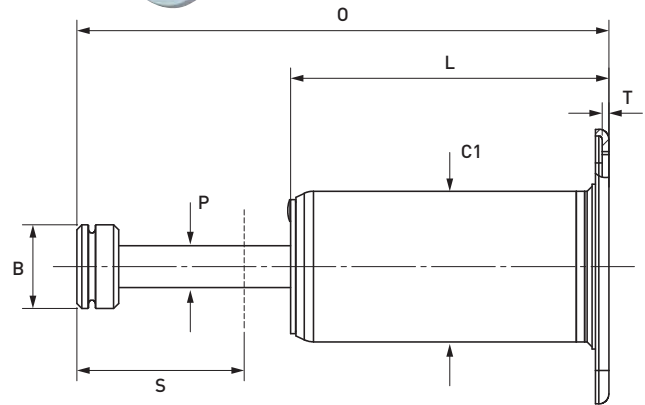
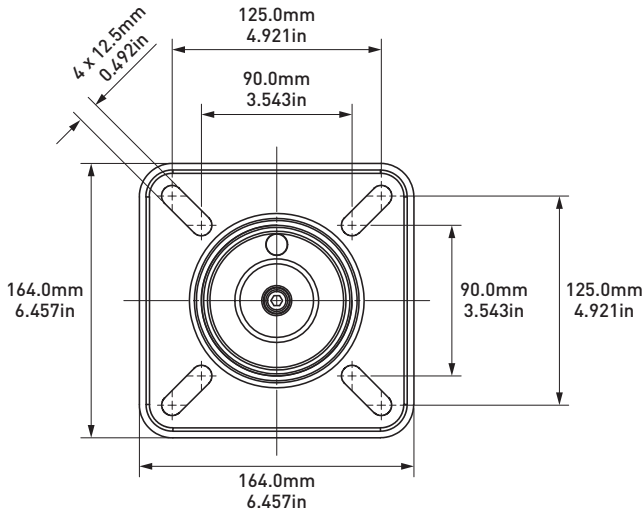


Oleo's Solution for the low energy absorption market

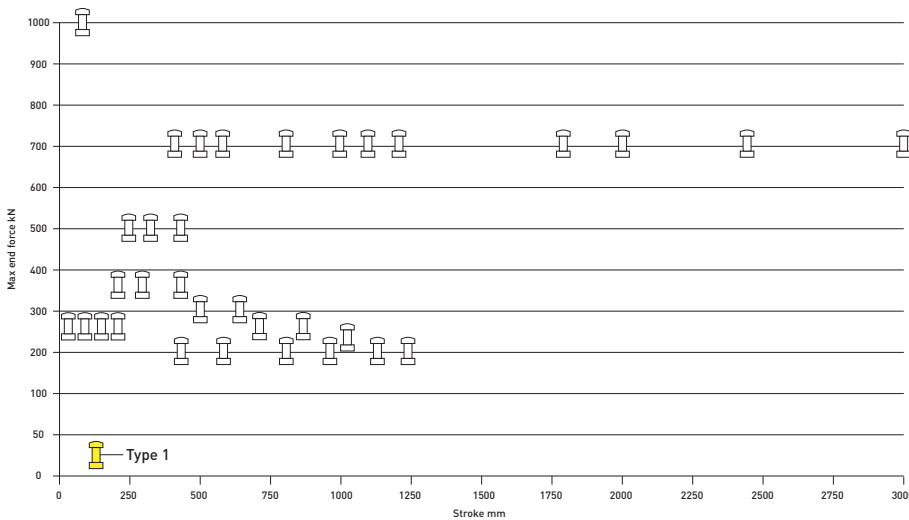
- Oleo's lowest price and lowest energy capacity buffer
- Stock buffer – low lead time
- New cost effective design
- Competitive for <4kJ applications
- 100mm/39.4in stroke



The Type 1 buffer is positioned within Oleo's industrial product range and is suitable for lower energy applications such as:

- Small gantry cranes
- Warehouses
- Steel Mills

Industrial Product Range



METRIC TABLE

| | |
|---------------------------------|---------|
| Overall Length 'O' (mm) | 317.9 |
| Fixed Length 'L' (mm) | 190.2 |
| Bracket Thickness 'T' (mm) | 4.0 |
| Buffer Head Diameter 'B' (mm) | 50.0 |
| Plunger Diameter 'P' (mm) | 25.0 |
| Cylinder Diameter 'C1' (mm) | 90.0 |
| Stroke 'S' (mm) | [100.0] |
| Approx. Dry Capsule Mass (kg) | 7.0 |
| Dynamic Capacity (kJ) | [3.5] |
| Max. Permissible End Force (kN) | 50.0 |
| Static Start Force (kN) | [0.5] |
| Static End Force (kN) | [0.8] |

IMPERIAL TABLE

| | |
|----------------------------------|----------|
| Overall Length 'O' (in) | 12.52 |
| Fixed Length 'L' (in) | 7.49 |
| Bracket Thickness 'T' (in) | 0.16 |
| Buffer Head Diameter 'B' (in) | 1.97 |
| Plunger Diameter 'P' (in) | 0.98 |
| Cylinder Diameter 'C1' (in) | 3.54 |
| Stroke 'S' (in) | [3.94] |
| Approx. Dry Capsule Mass (lb) | 15.4 |
| Dynamic Capacity (ft/lbf) | [2581.5] |
| Max. Permissible End Force (lbf) | 11240.45 |
| Static Start Force (lbf) | [112.4] |
| Static End Force (lbf) | [179.8] |

Technology Innovation

- New design allows same reliability and efficiency advantages of gas-hydraulics but on a smaller scale
- Bellows option is cheaper than for other Oleo ranges but offers the same protection
- Compatible with a variety of existing mounting holes

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NOTES

All dimensions are based on mid limit tolerances, for further information please contact Oleo International. Values for Static Start Force can be varied to suit specific requirements, note all buffers are inflated to the standard inflation pressure. All [...] dimensions are for reference only, for exact dimensions please contact Oleo International.

