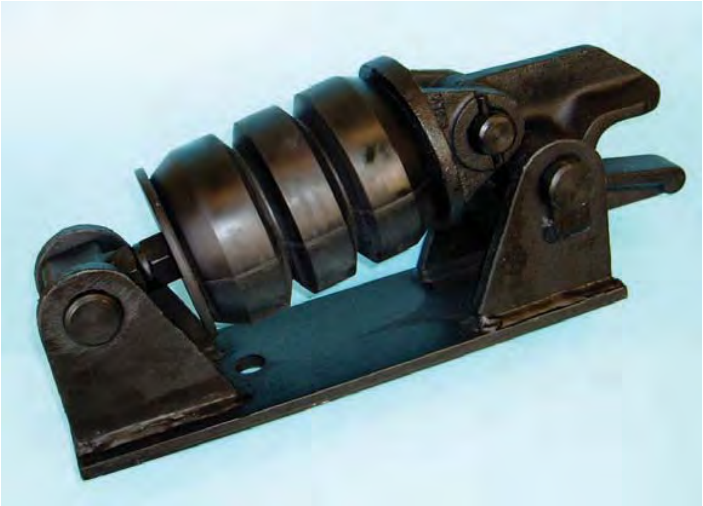
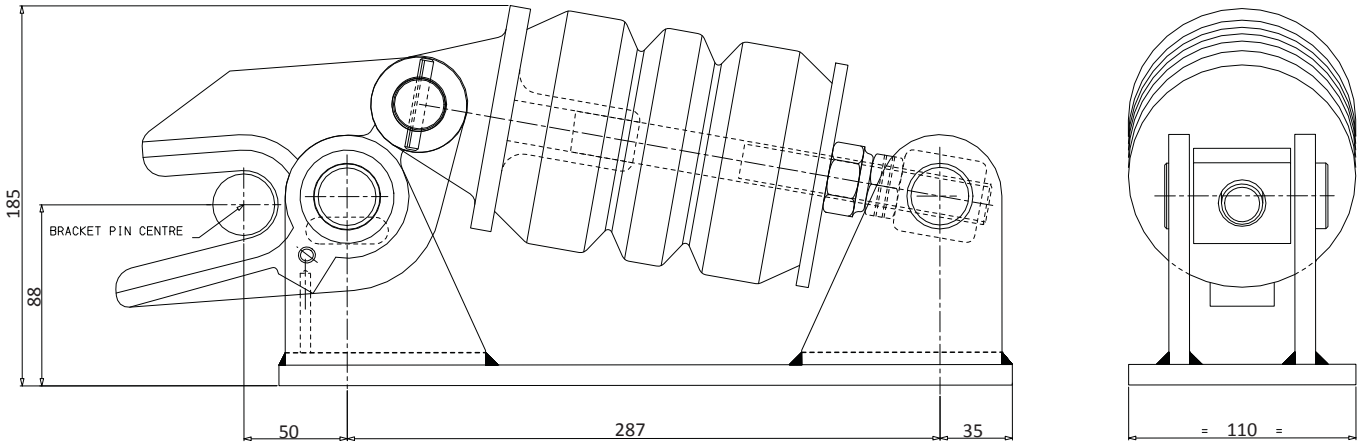
Body Clamp - BCA01

Key features:

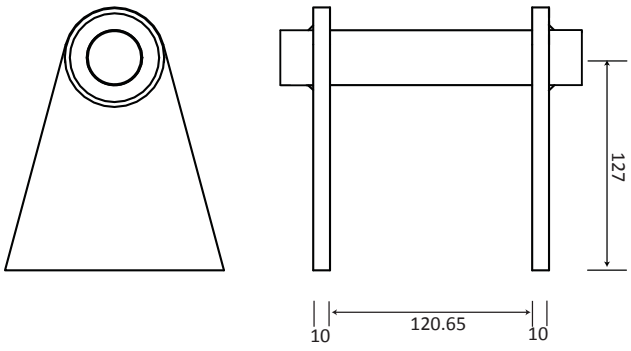
- Designed to stop an empty body from rattling in transit.
- Prevents damage to the chassis and the tipper for longer overall life.
- Reduces noise pollution for the benefit of the operator and the environment.
- Steel and aluminium bracket options are available.



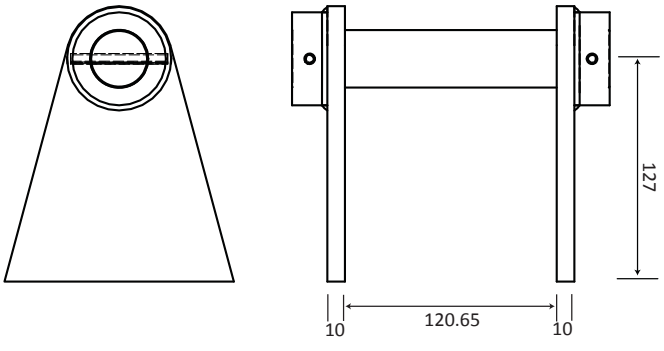
BCA01 BODY CLAMP



BCA02 - Steel Top Bracket



BCA02A - Aluminium Top Bracket

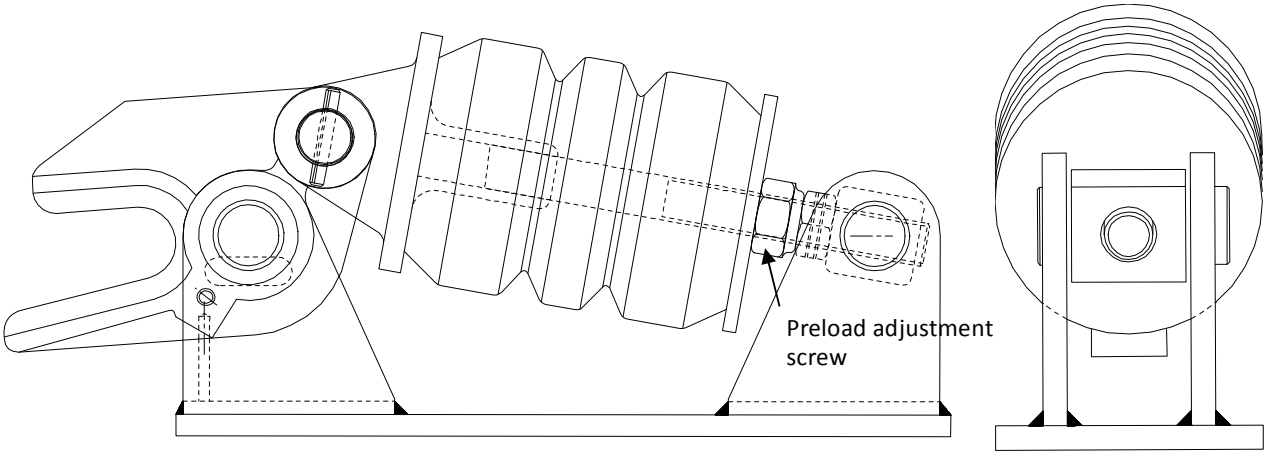


All dimensions are given in mm unless otherwise stated. Technical Specifications are subject to change without notice.

Body Clamp - BCA01

Installation:

* The body clamp must be positioned as close as possible to the front of the body. When the tipper body is resting on the chassis, the horizontal difference between the body bracket and clamp centre must be 50 mm and the vertical distance 0 mm.
* It is essential to ensure greasing of the body clamp before installation and regularly during use.
* Ensure that body clamp and bracket are both fully welded to the body and chassis before compression adjustment.



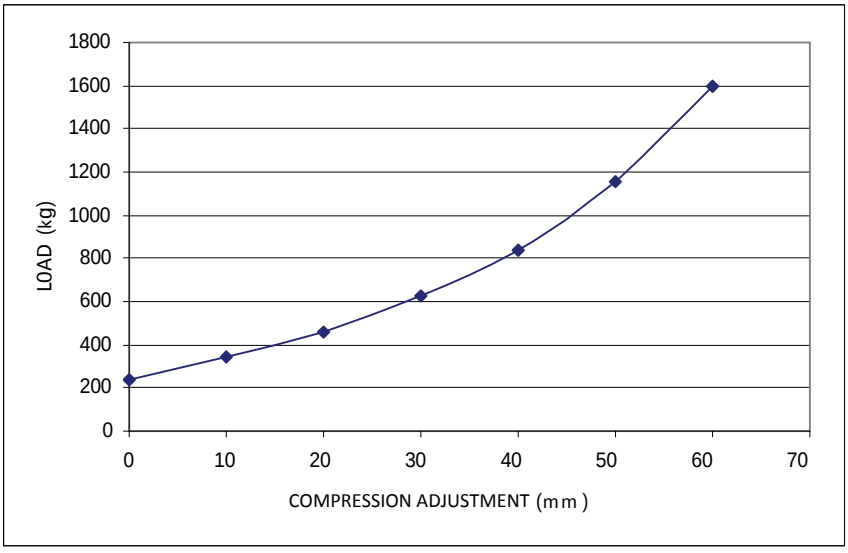
Adjust compression load to suit tipper body as follows:

Recommended compression load C: $= M \times \frac{K}{L}$

M = 1400 kg (tipper body with own weight)
K = 2100 mm (distance between the centre of gravity and the rear hinge)
L = 3400 mm (distance between the locking bar and the rear hinge)

Example Calculation = $1400 \times \frac{2100}{3400} = 865$ kg

According to the diagram below, compression adjustment is 40mm.
Therefore adjust preload screw, compressing the spring by 40 mm.



This graph shows the relation between the power block adjustment and resulting force (kgs)

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