

DAMPER NOTES

High quality and long service life with coated body in a slim gas spring design and the piston rods with wear-resistant surface coating are features of high quality and long service life.

The maintenance free, ready-to-install and closed systems provide a constant feed rate and are adjustable.

Compression and extension force;  
20 N to 800 N  
Free travel;  
Construction of the damper results in a free travel of approx. 20 % of stroke.  
Separator piston:  
Extension force 40 N  
Operating temperature range:  
-20 °C to +80 °C

Adjustment:  
Achieved by turning the piston rod in its fully extended or fully compressed position.  
Clockwise rotation = increase of the damping.  
Anti-clockwise rotation = decrease of the damping.  
The adjustment can add a max. of 6 mm to the L dimension.  
Positive stop: External positive stops 1 mm to 1.5 mm before the end of stroke.

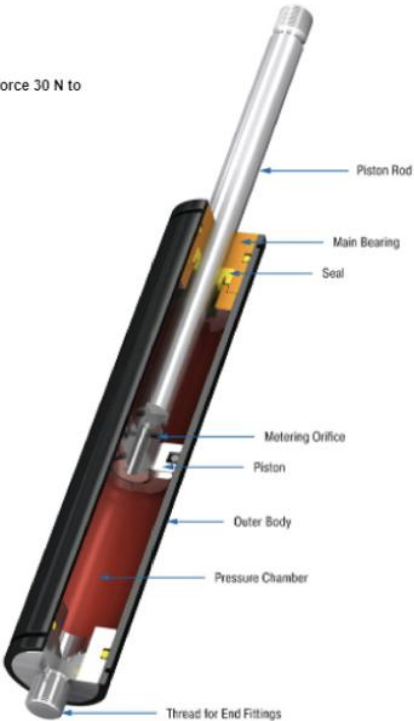
Material:  
Outer body: Coated steel  
Piston rod: Steel with wear-resistant coating;  
End fittings: Zinc plated steel  
Mounting: In any position  
Note: Increased break-away force if unit has not moved for some time.

End fittings: They are interchangeable and if necessary must be positively secured.

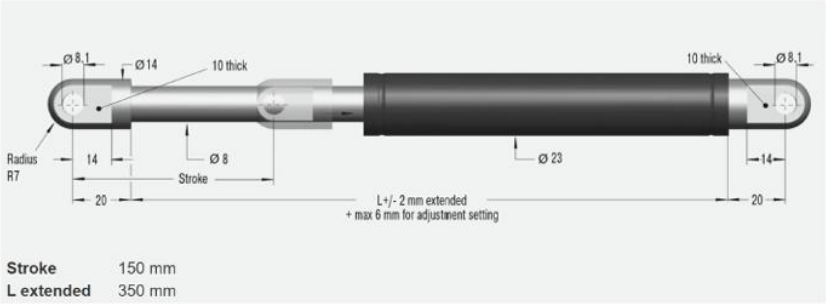
Hydraulic Dampers

Linear motion control

Adjustable  
Compression and extension force 30 N to 1,800 N  
Stroke 50 mm to 250 mm



Adjustable  
DIMENSIONS



DO NOT SCALE THIS DRAWING.

All dimensions to be checked prior to manufacture  
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Name:  
HOPPER DOOR DAMPER DETAIL

Date: April 21	Dwg No.: 02	Revision: A
Scale: 1:10	Sheet Size: A3	Drawn by: JML



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