

# 105MM CRASH BUFFER

MIN. 400kJ

## REFERENCES

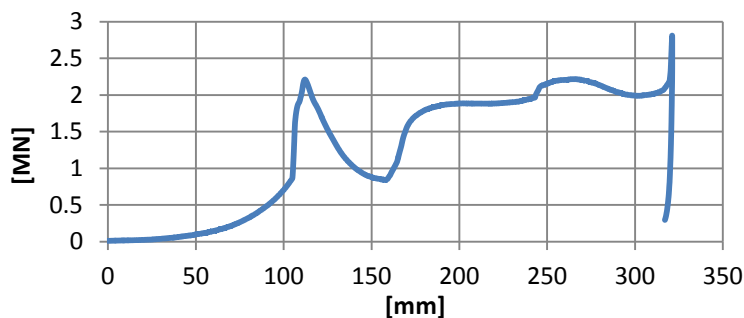
EN 15551  
UIC 526-1; UIC 573

## APPLICATIONS

Freight wagons  
Locomotives

## CONCEPT

- elastic deformation at impact speeds <12 km/h and forces <1.5 MN
- elastic and plastic deformation at impact speeds >12 km/h and forces >1.5 MN



## MAIN CHARACTERISTICS

### Travel

Elastic Travel: 105 mm  
Plastic Travel: min. 215 mm

### Stored Energy

- elastic deformation: min. 30 kJ  
- elastic + plastic deformation: min. 400 kJ

Mass: 99.5kg

## BUFFER HEAD

### Material

- type I: S355  
- type II: S355 + wearing plate

### Dimensions

- standard: 340mm x 450mm  
- optional: 340mm x 550mm

## SHOCK ABSORBER

A category thermoplastic elastomer

## ENQUIRIES

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## CERTIFICATIONS

2013/321/EC/Commission Decision - Technical specification for interoperability relating to the subsystem rolling stock-freight wagons of the trans-European conventional rail System amended by 2013/1236/EU Commission Regulation.

2010/713/EC/ Commission Decision on modules for the procedures for assessment of conformity, suitability for use and EC verification to be in the technical specifications for interoperability adopted under Directive 2008/57/EC of the Parliament and of the Council.

