105MM CRASH BUFFER

MIN. 150KJ

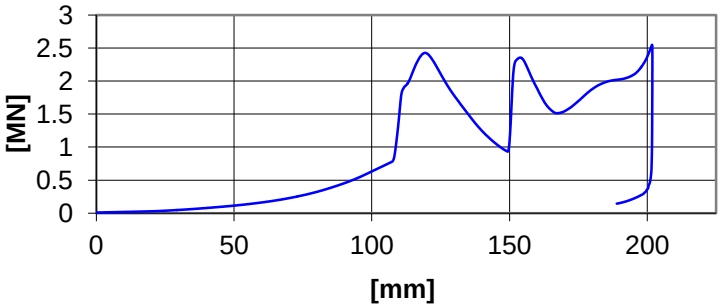
REFERENCES
EN 15551
UIC 526-1

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. 95 mm

Stored Energy
- **elastic deformation:** min. 30 kJ
- **elastic + plastic deformation**: min. 150 kJ

Mass: 100kg

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.

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BUREAU VERITAS