

105_{MM} BUFFER MIN. 150KJ A+ VARIANT



REFERENCES

EN 15551 ; UIC 526-1
2013/321/EC (TSI)

APPLICATIONS

Freight wagons, tank wagons
Locomotives

CONCEPT

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

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

Works as a regular but shorter Cat. A buffer after consumption of plastic travel

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

- option1: 340mm x 550mm

- option 2: other dimensions and shape (Spain, Portugal, Nordics, other)

SHOCK ABSORBER

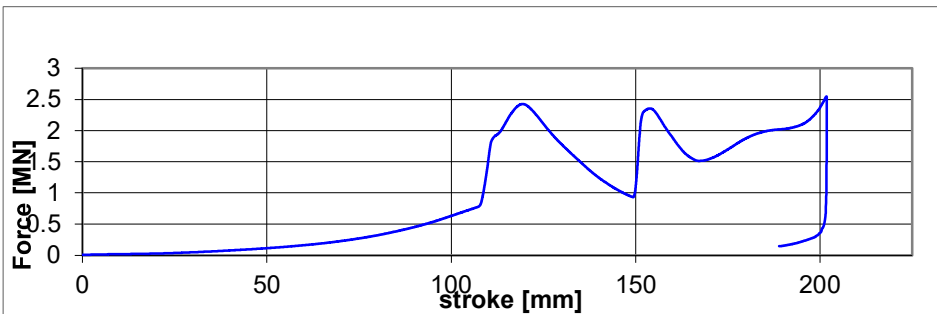
A category thermoplastic elastomer

EC Type Examination Certificate (TSI) No :

1370/5/ISP/14/RST/EN/176

NoBo : Bureau Veritas, Italy.

2014



Utility:

- Extra protection for non-DG RID cargo and vehicles, 2 x higher energy absorbing capacity than C category buffers. RID 6.8.3.1.6
- Extra-protection of high value and operational cost vehicles against immobilization due to accidental impacts <18-21km/h – locomotive, yellow machines

TECHNICAL ENQUIRIES

INNOVA Systems & Technologies
Str. Poetului nr. 1C, Hala 22B
310356 Arad, Romania

www.INNOVA-SysTech.com

CERTIFICATIONS

COMMISSION REGULATION (EU) 321/2013/EC of 13 March 2013 concerning the technical specification for interoperability relating to the subsystem 'rolling stock-freight wagons' of the rail system in the European Union as amended by [1236/2013/EC] and [924/2015/EC] in combination with those harmonized standards, voluntary standards (or parts thereof), other European or national rules authorized by TSI's and alternative solutions as identified audit report.

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.

