



Technical Information



Safe Lifts:



Overrun Buffers made of



Cellasto® L



Elastogran is Polyurethanes

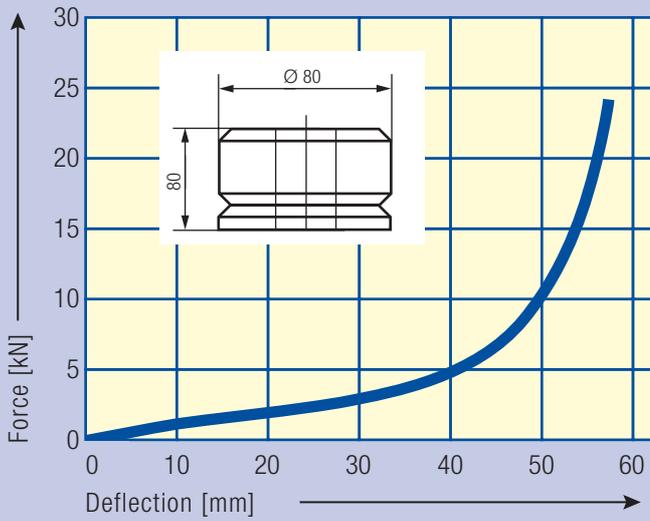
Elastogran



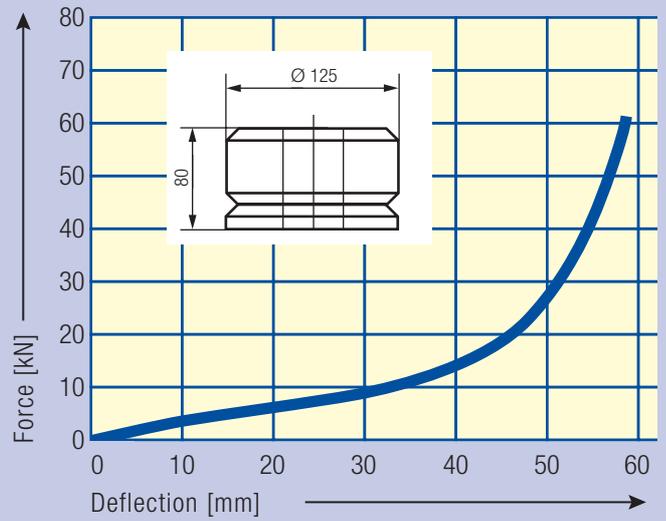
■ BASF Group

Load-deflection Diagram for Overrun Buffers made of Cellasto L in Accordance with European Standard EN 81

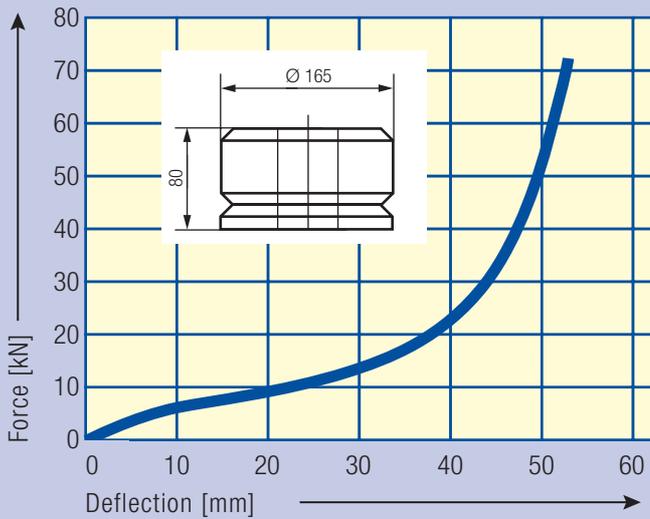
Cellasto Overrun Buffer, Type 080080



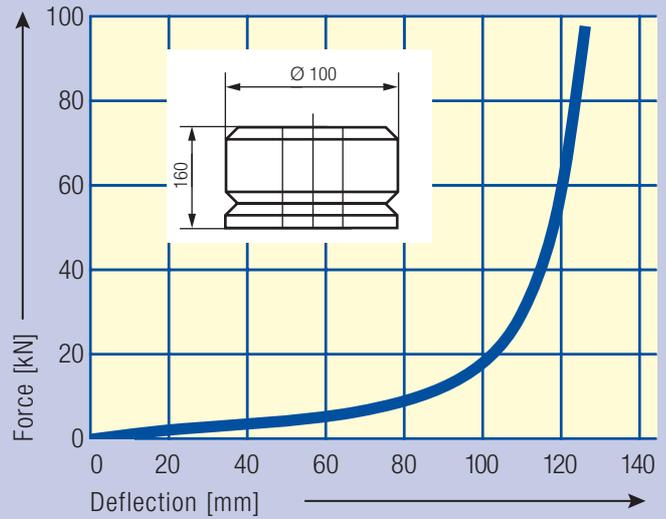
Cellasto Overrun Buffer, Type 125080



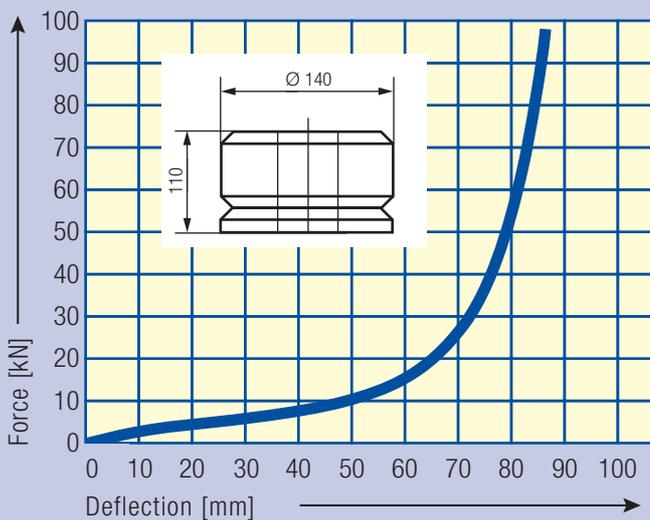
Cellasto Overrun Buffer, Type 165080



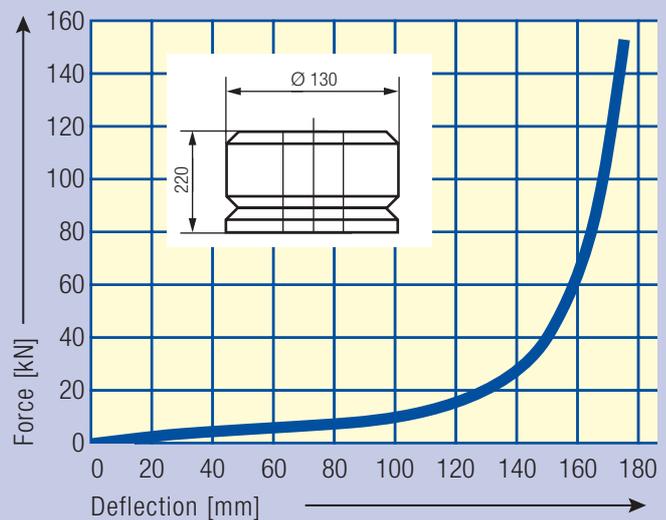
Cellasto Overrun Buffer, Type 100160



Cellasto Overrun Buffer, Type 140110



Cellasto Overrun Buffer, Type 130220



Type-examination tested Overrun Buffers made of Cellasto L according to Lift Directive 95/16/EG

The examination was carried out with Cellasto L buffers in accordance with regulation 95/16/EG (AufzR)
EN 81-1: 1998 + A1: 2005, A2 2004
EN 81-2: 1998 + A1: 2005, A2 2004

Certification:
TÜV NORD CERT GmbH
Zertifizierungsstelle für
Produktsicherheit
Langemarckstraße 20
45141 Essen
Germany
Section: 0044



Cellasto L Overrun Buffers for Elevator Cars and Counterweights

Safety components in accordance with appendix IV / 4

Cellasto L Overrun Buffers			Capacity range for buffers with non-linear deflection curve at rated speed v								
Order No.	Dimensions		Type-examination Type No.	0,50 [m/s]		0,63 [m/s]		0,80 [m/s]		1,00 [m/s]	
	D	H		m _{min.} [kg]	m _{max.} [kg]						
080080	80	80	AP009/080080	120 to	1500	120 to	1300	160 to	1200	200 to	1000
125080	125	80	AP009/125080	190 to	4000	190 to	3500	300 to	2500	350 to	1600
165080	165	80	AP009/165080	180 to	5000	230 to	4000	350 to	3000	500 to	1800
140110	140	110	AP009/140110	150 to	6500	200 to	5500	300 to	4500	350 to	3500
100160	100	160	AP009/100160	120 to	5000	150 to	4500	180 to	4000	230 to	3500
130220	130	220	AP009/130220	120 to	8000	160 to	8000	230 to	6000	300 to	4500

Comment: For buffers having a lower nominal speed than indicated in the examination certificate you have to take the load range of the next higher nominal speed listed in the table. The load limits have been ascertained by testing in accordance with DINEN 81-1, appendix F and are valid for the elevator car loaded with rated (full) load.

There are no requirements on the elevator cars when they are empty or loaded with less than rated load.

Comments on Installation:

Cellasto L buffers can be installed individually or in parallel arrangements.

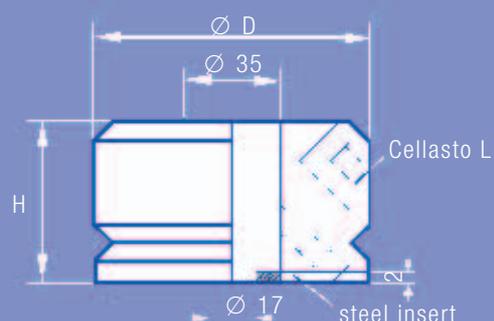
The buffers contain a steel insert which is form-closed with the Cellasto L.

The Cellasto L buffers may either be mounted in the pit or alternatively on the underside of the lift car sling. This applies to the counterweight as well.

For mounting we recommend an M16 screw. It is not necessary to use a washer.

The mounting surface must be smooth and flat and approximately 15% larger than the buffer diameter.

Overrun Buffers made of Cellasto L (Sketch)



Quality Management

Customer satisfaction is the basis for sustained business success. Therefore, we want to meet the customers' requirements for our products and services now and for the long term futures.

To ensure success in a reliable way, Elastogran introduced a quality management system several years ago including all divisions.

Each business process is regularly assessed and further developed based on informative performance indicators. The target is to reach optimum efficiency and almost perfect coordination of all activities and operations. Each employee is asked to make a contribution to quality assurance and continuous improvement with its capabilities and ideas at its workplace.

The Elastogran quality management system is based on the international standard ISO 9001, supplemented by the additional requirements of the automotive industry ISO/TS 16949.

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Elastogran



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