



Product innovation 2022

## The new generation of lift buffers of AUTAN® XL

### “Best in Class”

Performance values in a new dimension  
Innovative top technology from the manufacturer

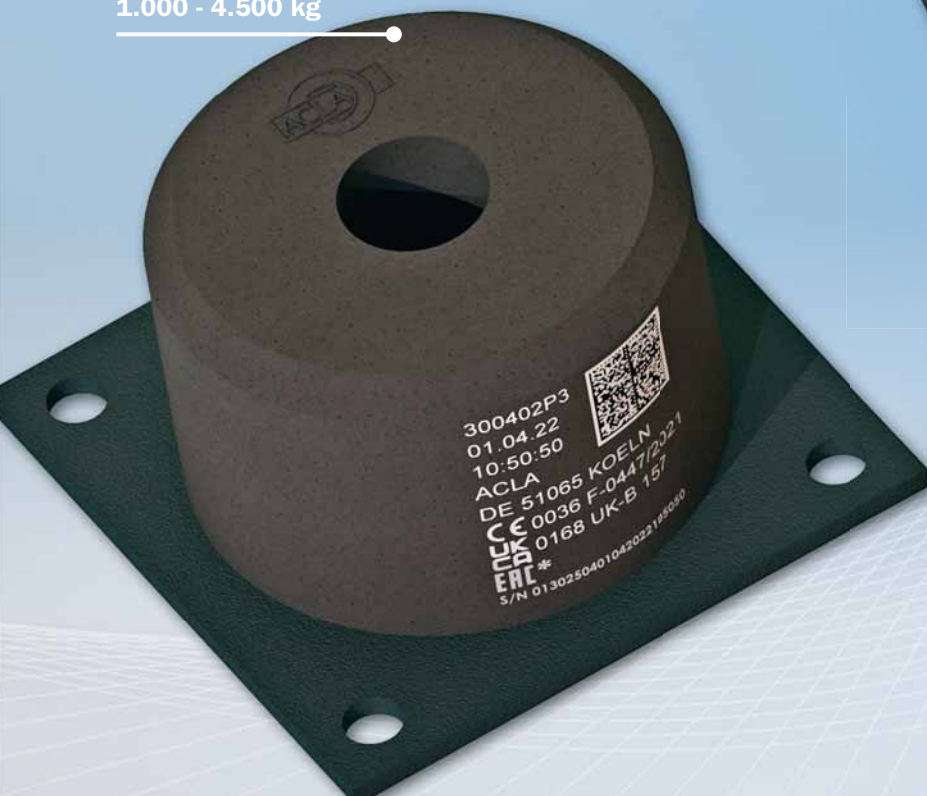


Ø 80 x 80 mm  
Load capacity  
350 - 1.700 kg



Ø 100 x 80 mm  
Load capacity  
700 - 3.000 kg

Ø 125 x 80 mm  
Load capacity  
1.000 - 4.500 kg



With  
CE, UKCA and EAC\*  
marking



# The new generation of lift buffers of AUTAN® XL, certified according to EN 81-20/50.

**“Best in Class” - performance values in a new dimension that only a manufacturer with decades of development and production experience can deliver.**

## Significant improvement in performance ranges of application thanks to concentrated manufacturer competence.

The new generation of lift buffers of AUTAN® XL impresses with significantly improved load ranges compared to previous buffer series. With only 3 buffer sizes (6 versions) ACLA covers almost the entire market demand.

The new buffer generation is certified by TÜV SÜD.

## Advantages at a glance

- A smaller series Ø 80 x 80 mm to Ø 125 x 80 mm with large application ranges from 180 kg min. weight to 4.500 kg max. weight.

- Replacement and surpassing of the Ø 100 x 80 mm buffer size of the AUTAN® HE series by the smaller Ø 80 x 80 mm buffer of the new AUTAN® XL series.

- Replacement and surpassing of the Ø 125 x 80 mm, Ø 140 x 80 mm and Ø 165 x 80 mm buffer size of the AUTAN® HE series by the smaller Ø 100 x 80 mm buffer of the new AUTAN® XL series. Buffers with 140/165 diameter are thus no longer necessary!

- Smaller expansion and deflection under load.

- 1:1 compatible with previous buffers from AUTAN® HE and other makes.

- The type examination certificates issued by TÜV SÜD are valid for an unlimited period.

- Reduced volumes during transport.

## Worldwide certification

The lift buffers of AUTAN® XL are certified for the world's most important sales markets including the Eurasian economic area: CE, UKCA and EAC\*.

Type examination certificates and declarations of conformity are available on request.

## AUTAN® XL: The top of product development

With this development stage ACLA-WERKE GMBH sets a benchmark in the worldwide market for lift buffers in the field of energy-storing lift buffers with non-linear-characteristic curve according to RL EU/2014/33; EN 81-20/50: 2020 and BS 81-20/50: 2014 (UK) and many more.

Lift buffers of AUTAN® XL will be available from mid-2022.

Product range of ACLA top-mounted buffers made of AUTAN® XL			Application range in [kg] according to EN 81-20/50; v = 1,00 m/s	
size [mm] D x H	art. no.	ACLA designation	m <sub>min</sub>	m <sub>max</sub>
80 x 80	300 400S	ACLA - Ø 80 x 80 - 300 400S	180	900
80 x 80	300 400R	ACLA - Ø 80 x 80 - 300 400R	350	1.700
100 x 80	300 401Q	ACLA - Ø 100 x 80 - 300 401Q	330	2.200
100 x 80	300 401P	ACLA - Ø 100 x 80 - 300 401P	700	3.000
125 x 80	300 402Q	ACLA - Ø 125 x 80 - 300 402Q	500	3.300
125 x 80	300 402P	ACLA - Ø 125 x 80 - 300 402P	1.000	4.500

\*EAC certification expected in mid 2022.

