



With CE and UKCA marking
(ASME 17.1/17.7 in preparation)

The new generation of lift buffers of AUTAN® XL

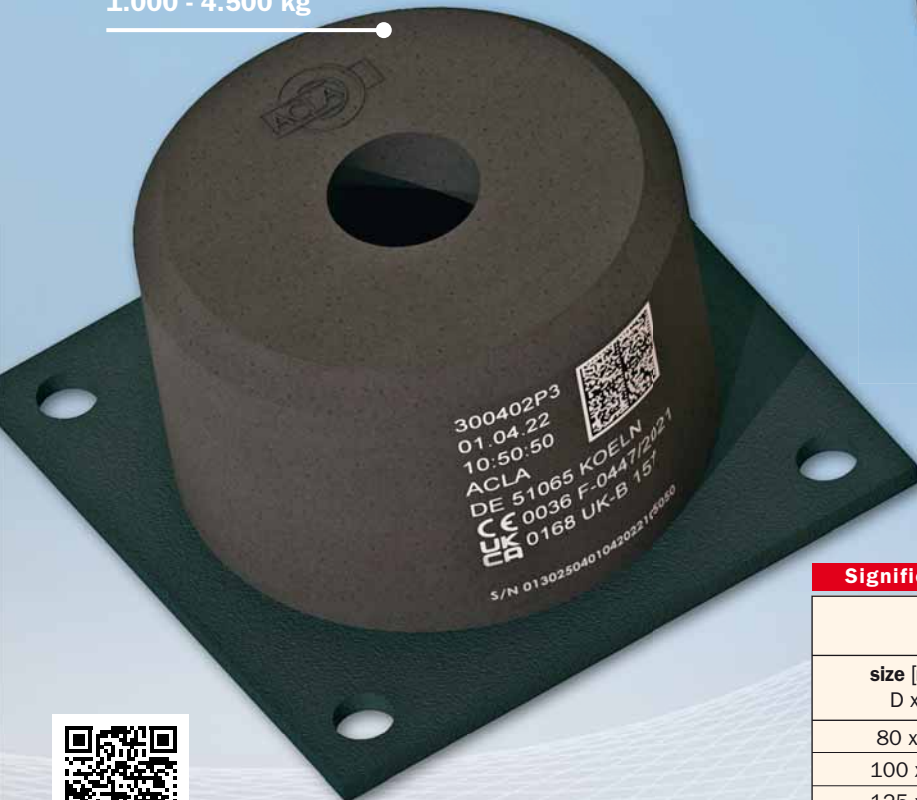
“Best in Class”

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



Ø 80 x 80 mm
Load capacity
350 - 1.700 kg

Ø 125 x 80 mm
Load capacity
1.000 - 4.500 kg



Ø 100 x 80 mm
Load capacity
700 - 3.000 kg



Significantly improved load capacities for AUTAN® XL!

Comparison of application range in [kg] according to EN 81-20/50; v = 1,00 m/s				
size [mm] D x H	AUTAN® HE		AUTAN® XL	
	m _{min}	m _{max}	m _{min}	m _{max}
80 x 80	230	750	350	1700
100 x 80	350	1200	700	3000
125 x 80	620	1900	1000	4500
165 x 80	1000	2800		

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 area: CE and UKCA. ASME 17.1/17.7 certification is in preparation.

Type examination certificates and declarations of conformity are available on request or via our website.



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 2014/33/EU; EN 81-20/50: 2020 and BS 81-20/50: 2014 (UK) and many more.

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	ACLA designation	type	art. no.	m _{min}	m _{max}
80 x 80	ACLA - Ø 80 x 80 - 300 400S	A	300 400S1	180	900
		C	300 400S3		
		D	300 400S4		
80 x 80	ACLA - Ø 80 x 80 - 300 400R	A	300 400R1	350	1.700
		C	300 400R3		
		D	300 400R4		
100 x 80	ACLA - Ø 100 x 80 - 300 401Q	A	300 401Q1	330	2.200
		C	300 401Q3		
		D	300 401Q4		
100 x 80	ACLA - Ø 100 x 80 - 300 401P	A	300 401P1	700	3.000
		C	300 401P3		
		D	300 401P4		
125 x 80	ACLA - Ø 125 x 80 - 300 402Q	A	300 402Q1	500	3.300
		C	300 402Q3		
		D	300 402Q4		
125 x 80	ACLA - Ø 125 x 80 - 300 402P	A	300 402P1	1.000	4.500
		C	300 402P3		
		D	300 402P4		

type A = with round fixing plate of steel, type C = with square fixing plate of steel, type D = with integrated steel plate

