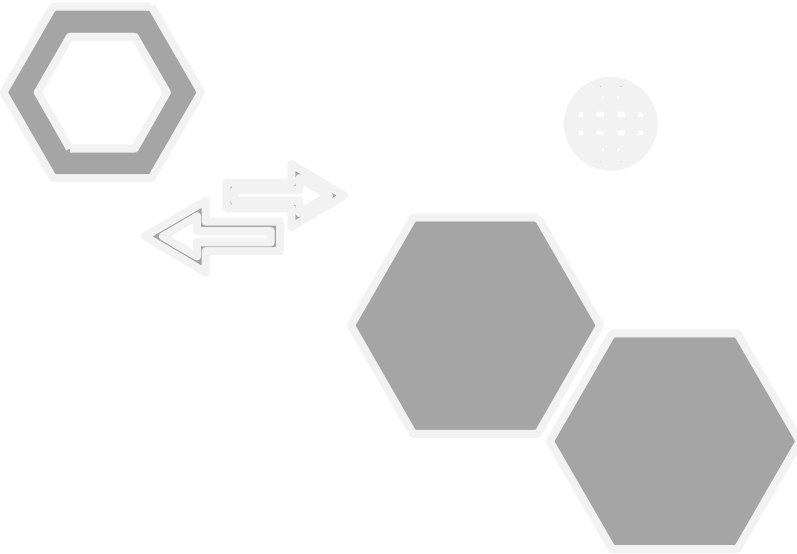


## SPRING BUFFERS



**Effective Control**  
For Industrial Applications

# TECHNICAL PROPERTIES

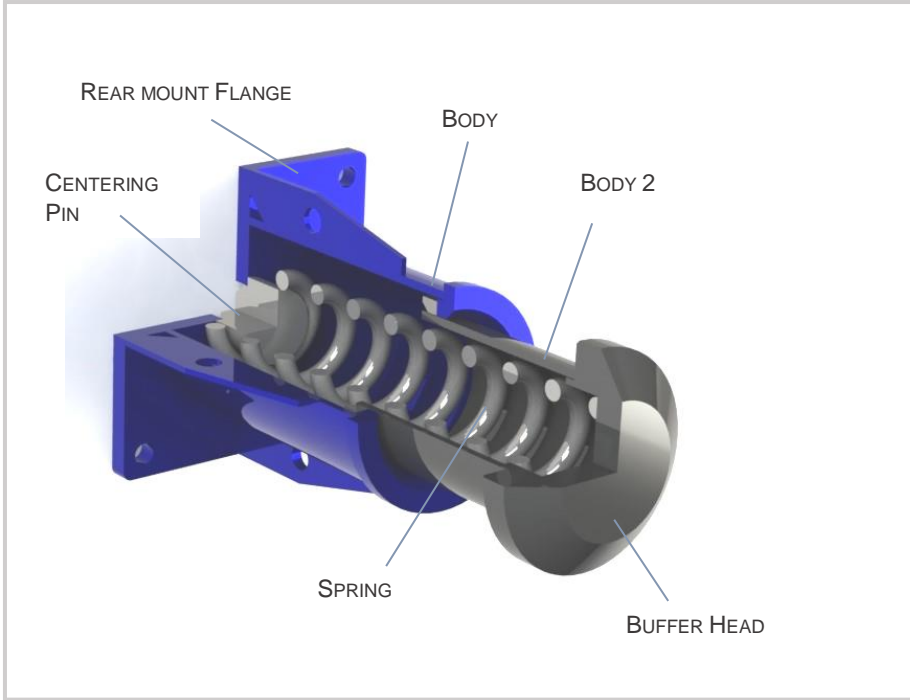
## GENERAL

ADJUSTMENT	/ SELF ADJUSTING TYPE
INSTALLATION	/ REAR MOUNT (RM)
FILLING	/ SPRING
TEMPERATURE	/ -10 C TO +80 C (STANDARD)
APPLICATION	/ OVERHEAD CRANES / TRANSFER CARS / RAILWAY APPLICATIONS



## COATING

BODY	/ SYNTHETIC RESIN / COLOR OPTIONAL / 80 µM
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Crash effect is a physical factor to be avoided in mechanical structures. Energy that cannot be damped through cranes working with high kinetic energy and other rail transport systems leads to crashes and therefore, to damages in the mechanical structure, and thus significantly decreases the fatigue life of the steel structures.

Buffers used to damp the energy resulting from the crash in rail transport systems and crane systems working with various load capacities and in different velocities are very important for prolong the life of the transport system and for the security.

UATEK Ltd. co. Provides solutions for damping through estimations and designs in line with the related standards and international technical reports, based on the information presented by the customer. It is possible to manufacture two types of buffers as spring supported and hydraulic as well as many variations according to energy buffering capacities, strokes and connection types. In the selection of buffers, it is important to prefer the buffers with optimum values by determining the right spring and buffering coefficient.

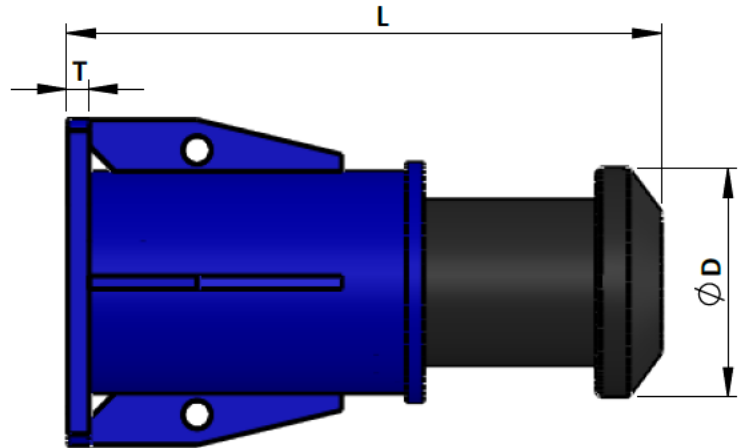
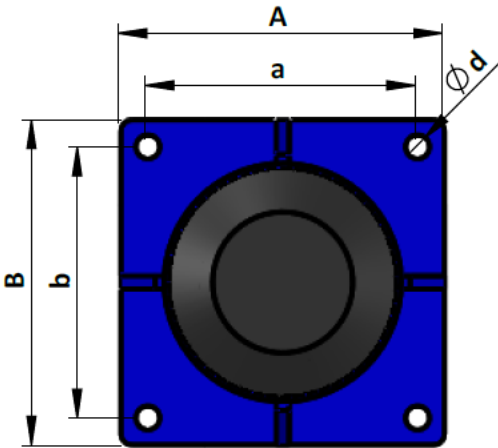
## CHOOSING A TRUE BUFFERING COMPONENT

. increases the fatigue life of the steel structure.

## BEST WAY TO MODERNIZATION

If you transmit to us technical details, we able to choose right buffering system to solve the crash problem.

## SIZE



	L "mm"	D "mm"	T "mm"	A "mm"	a "mm"	B "mm"	b "mm"	d "mm"	W Capacity/Stroke "J"	F Buffering Force "N"
GLSB 0250	275	105	10	150	125	150	125	11	250	5000
GLSB 0500	320	105	10	230	125	230	125	17	500	12500
GLSB 1000	400	180	12	260	180	260	180	17	1000	20000
GLSB 1500	400	180	12	260	180	260	180	17	1500	30000
GLSB 2000	400	180	15	260	180	260	180	17	2000	40000
GLSB 2500	400	180	15	260	180	260	180	17	2500	50000
GLSB 3000	440	180	15	260	180	260	180	17	3000	55000
GLSB 3500	470	180	15	260	180	260	180	17	3500	65000
GLSB 4000	470	180	15	260	180	260	180	17	4000	70000
GLSB 4500	470	180	15	260	180	260	180	17	4500	75000
GLSB 5000	470	180	15	260	180	260	180	17	5000	80000
GLSB 5500	520	180	20	260	180	260	180	21	5500	90000
GLSB 6000	520	180	20	260	180	260	180	21	6000	100000
GLSB 6500	600	180	20	260	180	260	180	21	6500	110000
GLSB 7000	600	180	20	260	180	260	180	21	7000	120000
GLSB 7500	600	180	20	260	180	260	180	21	7500	130000

## NOTE

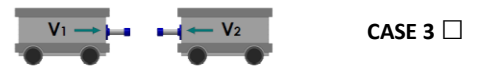
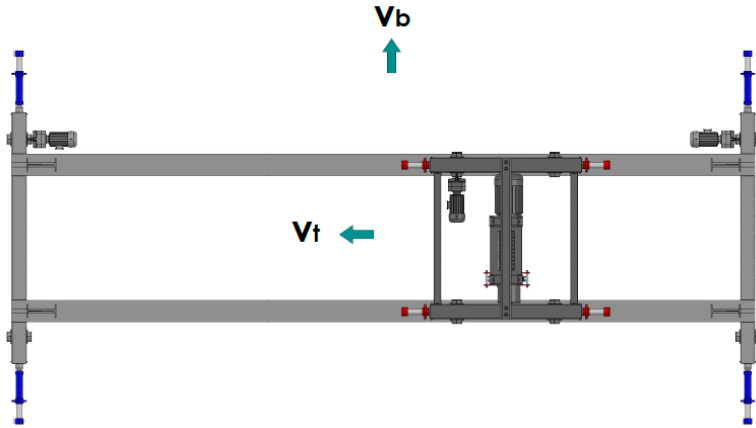
Please contact us for higher capacities.

**INFORMATION**

Customer : \_\_\_\_\_

Project : \_\_\_\_\_

Date : \_\_\_\_\_



<p><b>Application</b></p> <p><input type="checkbox"/> Indoor</p> <p><input type="checkbox"/> Outdoor</p>	<p><b>Flange Type</b></p> <p><input type="checkbox"/> Rear (RM)</p>	<p><b>Conditions</b></p> <p><input type="checkbox"/> Normal</p> <p><input type="checkbox"/> Aggressive</p>	<p><b>Information</b></p> <p>Max. Perm. Buffer Force: _____ kN</p> <p>Max. Perm. Deceleration: _____ m/s<sup>2</sup></p>
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**Vb** 'Velocity of the Crane' : \_\_\_\_\_ m/s

**Wt** 'Deadweight of the Trolley' : \_\_\_\_\_ kg

**Vt** 'Velocity of the Trolley' : \_\_\_\_\_ m/s

NOTES:



**UATEK MÜHENDİSLİK İMALAT LTD.ŞTİ**