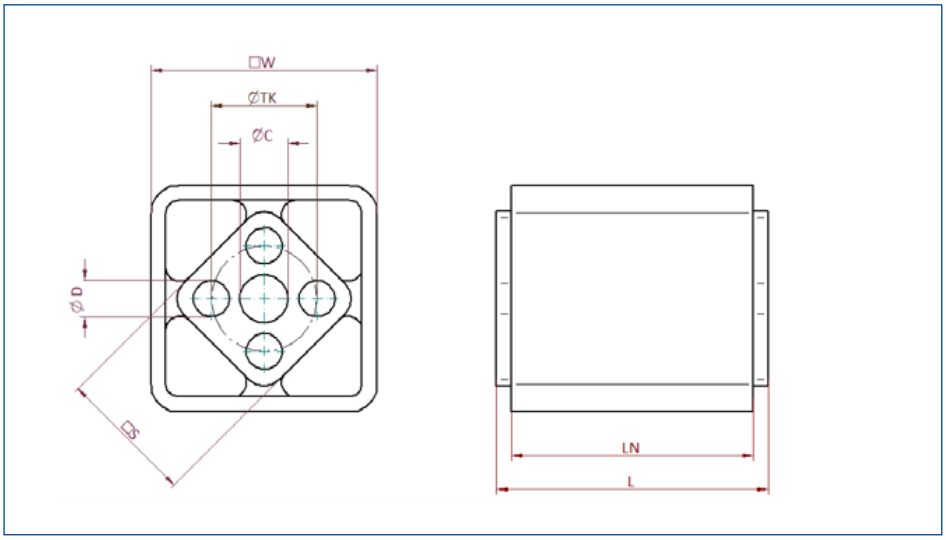
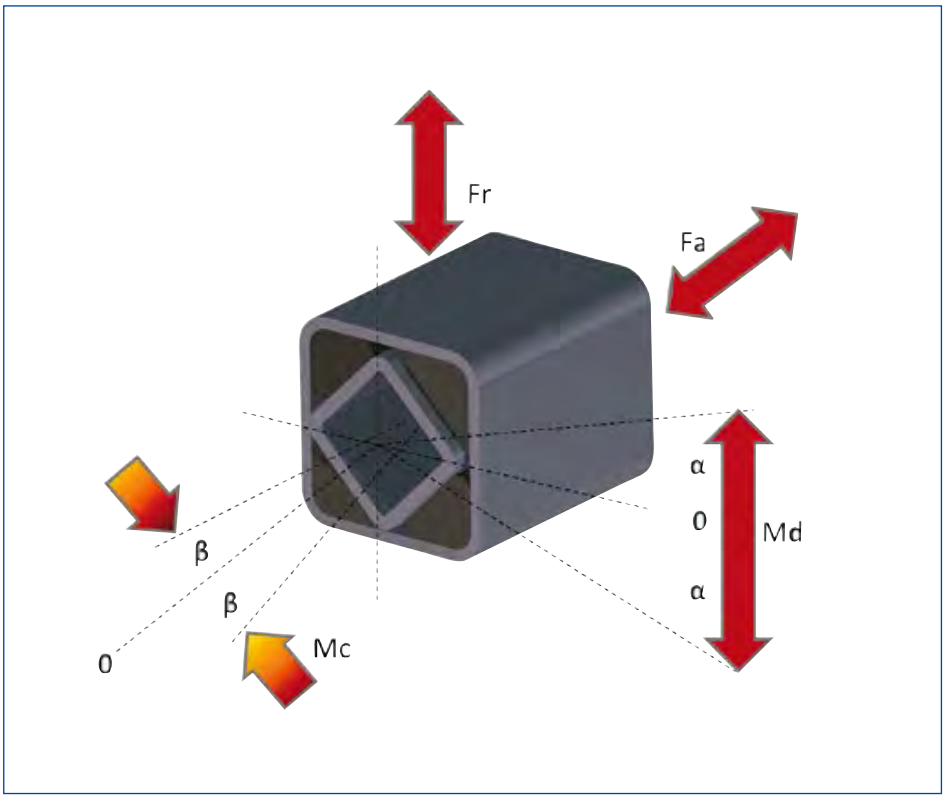
RUBBER SUSPENSION UNIT
TYPE LTA

The inner profile of the RESATEC rubber suspension unit type A enables fastening with screws. Up to type LTA 7, through srews of quality 8.8 must be used. From type LTA 8 on, there are threads in the inner profile. Another simple installation option is the RESATEC mounting bracket type MA. On the outside, the rubber spring element is inserted into a sleeve tube or fastened with the RESATEC mounting bracket MS. Suitable for alternating deflection over the element zero position.





matching mounting bracket
type MS / MA
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RUBBER SUSPENSION UNIT
TYPE LTA

Dimensions / Material

type	□W	□S	LN	L	øTk	øD	øC	no. of mounting brackets	weight	material		
	mm	mm	mm	mm	mm	mm	mm	type / MS	kg	outer square tube	core profile	rubber
LTA 4 – 30	32	18	30	35	12	6	-	1	0.1	steel S235JR/galvanized	aluminium	SBR based/mixture code C
LTA 4 – 50			50	55					0.16			
LTA 4 – 80			80	85					0.25			
LTA 5 – 40	45	27	40	45	20	8	-	1	0.24			
LTA 5 – 60			60	65				1	0.36			
LTA 5 – 100			100	105				2	0.6			
LTA 6 – 60	60	38	60	70	25	10	-	1	0.59			
LTA 6 – 80			80	90				1	0.78			
LTA 6 – 120			120	130				2	1.15			
LTA 7 – 80	75	45	80	90	35	12	16.5	1	1.33			
LTA 7 – 100			100	110				2	1.66			
LTA 7 – 150			150	160				3	2.47			
LTA 8 – 120	80	50	120	130	40	M12x40	20.5	2	2.16			
LTA 8 – 200			200	210				3	3.66			
LTA 8 – 300			300	310				4	5.54			

Performance parameters

type	MC @ β +/-1°	radial deflection	radial load	axial deflection	axial load	torque and max. excitation frequency at angle α													
						α +/- 4°		α +/- 8°		α +/- 12°		α +/- 16°		α +/- 20°		α +/- 24°		α +/- 28°		α +/- 32°	
	Nm	Sr mm	Fr N	Sa mm	Fa N	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$	Nm	min $^{-1}$
LTA 4 – 30	1.51	0.5	386	0.5	92	1.6	1050	3.37	330	5.38	190	7.71	110	10.4	72	13.6	46	17.4	33	21.8	10
LTA 4 – 50	6.68		644		153	2.67		5.64		9.07		13.1		17.9		23.6		30.4		38.4	
LTA 4 – 80	26.9		1030		245	4.27		9.01		14.5		20.8		28.3		37.3		47.8		60.2	
0LTA 5 – 40	3.99	0.5	888	0.5	217	4.01	990	8.22	300	13.1	170	19.2	110	27	68	37	43	49.7	30	65.5	10
LTA 5 – 60	12.01		1333		325	6.02		12.4		19.8		29		40.9		56.2		75.6		100	
LTA 5 – 100	49.9		2221		542	10		20.6		32.9		48.3		67.9		93.2		125		166	
LTA 6 – 60	11.74	0.5	1564	0.5	372	11.3	900	23.7	280	38.5	150	56.7	92	79.6	57	108	38	144	28	188	10
LTA 6 – 80	25.4		2086		497	15.1		31.7		51.4		75.9		107		145		194		253	
LTA 6 – 120	78.3		3130		745	22.6		47.5		77.1		114		160		218		291		380	
LTA 7 – 80	27	0.5	2196	0.5	536	22.7	850	47.1	250	75.3	150	110	86	152	57	206	36	272	26	353	10
LTA 7 – 100	52.2		2745		669	28.4		58.9		94.1		137		190		256		338		439	
LTA 7 – 150	135		4063		991	42.1		87.8		141		206		286		385		508		658	
LTA 8 – 120	81.8	0.5	2828	0.5	690	37.2	840	94.2	250	171	150	267	85	382	53	517	36	671	24	844	10
LTA 8 – 200	26.3		5712		1393	74.6		184		329		509		723		971		1254		1570	
LTA 8 – 300	1235		8458		2063	110.4		272		485		751		1069		1440		1864		2342	