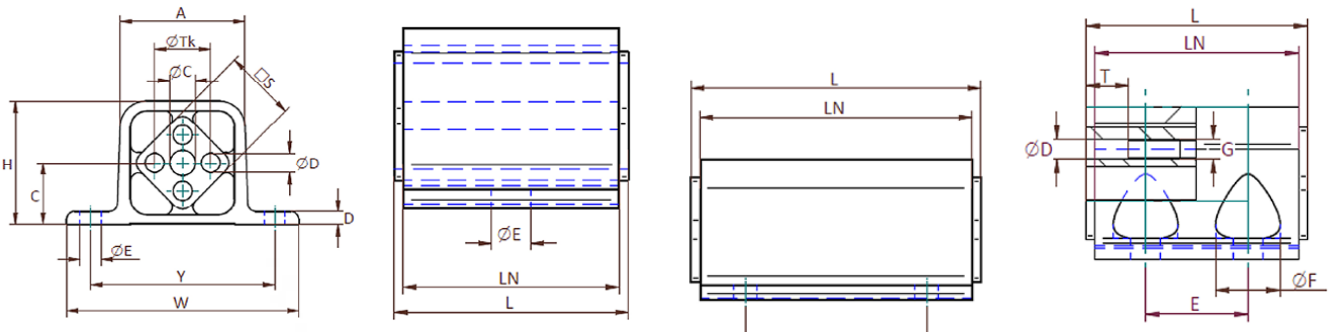
RUBBER SUSPENSION UNIT

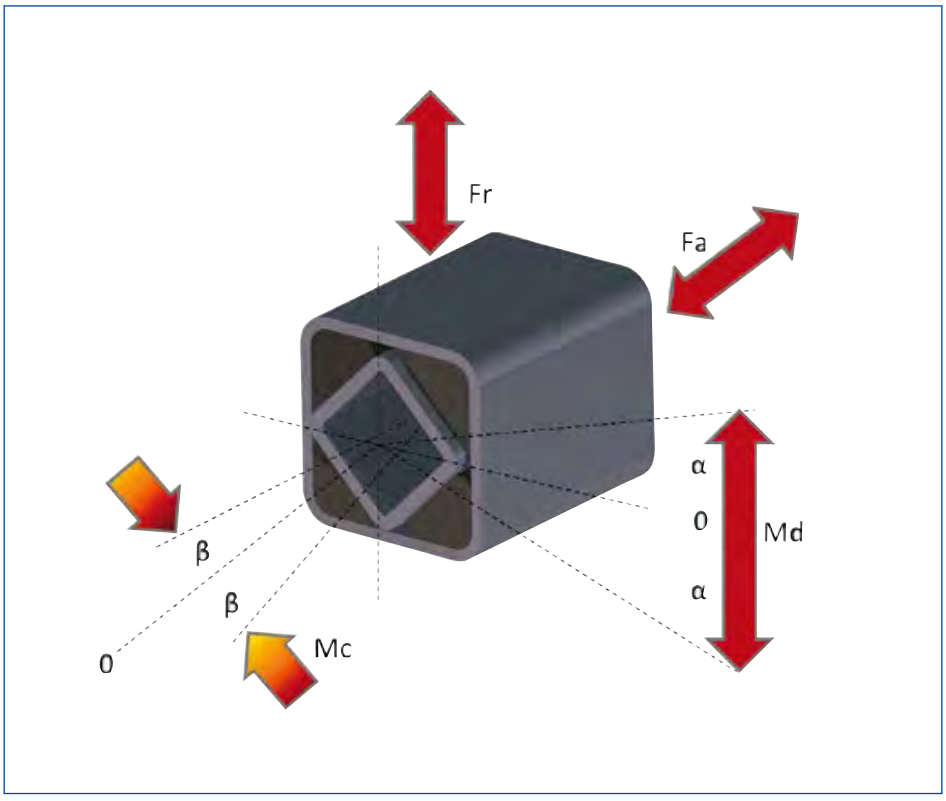
TYPE LTB-A | SIZE 5-8

The inner profile of the RESATEC rubber suspension unit type A allows fastening with screws. Up to type LTB-A 7, screws of quality 8.8 must be used.

From type LTB-A 8, there are threads in the inner profile. Another simple installation option up to size LTB-A 8 is offered by the RESATEC mounting bracket type MA. The outer housing can be fastened directly with quality 8.8 screws through the fastening holes in the flange section. Suitable for alternating deflection over the element zero position.



size 5/6/7 size 8



matching mounting bracket type MA
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RUBBER SUSPENSION UNIT

TYPE LTB-A | SIZE 5-8

Dimensions / Material

type	A	B	øC	D	øD	E	øE	øF	G	H	L	LN	□S	øTK	T	W	Y	weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
LTB-A 5 – 40	49	25.5	-	5	8	-	11	-	-	50	45	40	27	20	through bore-hole	105	80	0.21
LTB-A 5 – 60						-					65	60						0.32
LTB-A 5 – 100						60					105	100						0.51
LTB-A 6 – 60	66	34	-	6	10	-	13	-	-	67	70	60	38	25		125	100	0.59
LTB-A 6 – 80						40					90	80						0.75
LTB-A 6 – 120						80					130	120						1.12
LTB-A 7 – 80	80	38.5	16.5	8	12	40	13	-	-	77	90	80	45	35		145	115	0.96
LTB-A 7 – 100						65					110	100						1.20
LTB-A 7 – 150						100					160	150						1.75
LTB-A 8 – 120	90	45	20.5	13	12.25	60	17	38	M12x30	90	130	120	50	40	25	170	130	2.24
LTB-A 8 – 160						2x60					170	160						2.96
LTB-A 8 – 200						2x70					210	200						3.75
LTB-A 8 – 240						3x60					250	240						4.47
LTB-A 8 – 320						4x60					330	320						6.06

Material

outer profile: Aluminium
core profile: Aluminium
rubber: SBR based/mixture code C

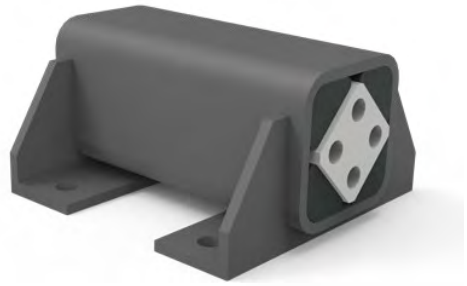
Perfomance parameters

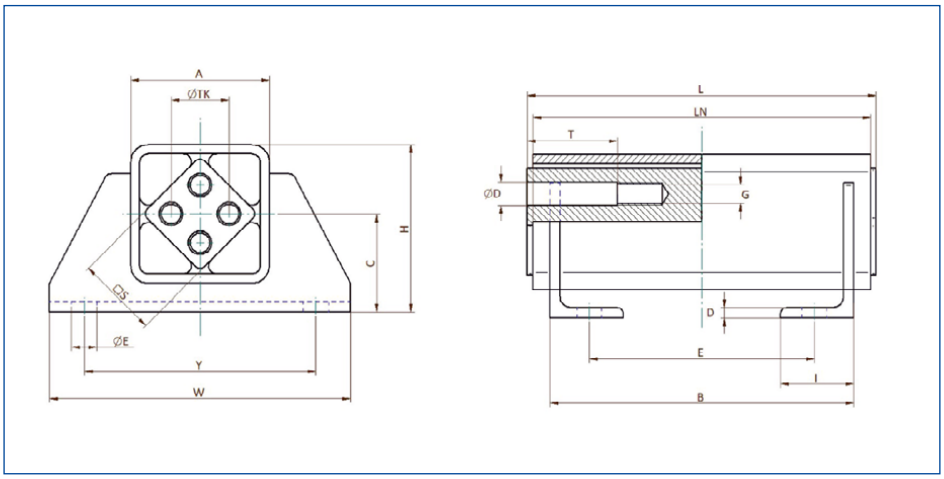
type	MC @ β +/-1°	radial deflection	radial load	axial deflection	axial load	torque and max. excitation frequency at angle α: α +/- 4°		α +/- 8°		α +/- 12°		α +/- 16°		α +/- 20°		α +/- 24°		α +/- 28°		α +/- 32°	
	Nm	Sr mm	Fr N	Sa mm	Fa N	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}	Nm	min^{-1}
LTB-A 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
LTB-A 5 – 60	12.01		1333		325	6.02		12.4		19.8		29		40.9		56.2		75.6		100	
LTB-A 5 – 100	49.9		2221		442	10		20.6		32.9		48.3		67.9		93.2		125		166	
LTB-A 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
LTB-A 6 – 80	25.4		2086		497	15.1		31.7		51.4		75.9		107		145		194		253	
LTB-A 6 – 120	78.3		3130		745	22.6		47.5		77.1		114		160		218		291		380	
LTB-A 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
LTB-A 7 – 100	52.2		2745		669	28.4		58.9		94.1		137		190		256		338		439	
LTB-A 7 – 150	135		4063		991	42.1		87.8		141		206		286		385		508		5658	
LTB-A 8 – 120	89.5	0.5	3442	0.5	840	72.9	840	139.5	250	209	150	289	85	390	53	519	36	685	24	898	10
LTB-A 8 – 160	115.8		4617		1126	97.8		187.2		280		388		523		696		920		1206	
LTB-A 8 – 200	288		5772		1408	122.2		234		350		485		654		870		1150		1506	
LTB-A 8 – 240	605		6919		1688	146.5		281		420		582		784		1044		1379		1807	
LTB-A 8 – 320	1677		9231		2252	195.4		374		260		776		1046		1393		1840		2411	

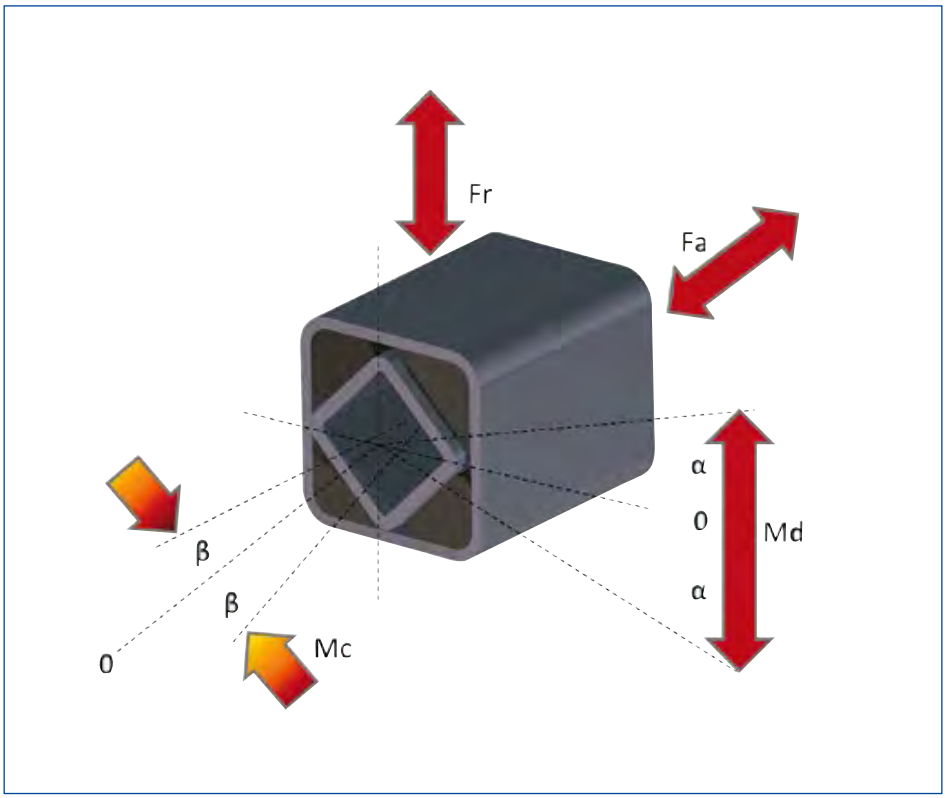
RUBBER SUSPENSION UNIT

TYPE LTB-A | SIZE 9-12

There are threads in the inner profile starting from RESATEC rubber suspension units type LTB-A 8. The mounting flanges are welded according to standardized dimensions, but can also be designed and positioned according to customer specifications. The element is bolted directly to the desired position through the existing mounting holes in the flange. Suitable for alternating deflection over the element zero position.







RUBBER SUSPENSION UNIT

TYPE LTB-A | SIZE 9-12

Dimensions / Material

type	A	B	C	D	øD	E	øE	G	H	I	L	LN	□S	T	øTK	W	Y	weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
LTB-A 9 – 150	100	130	65	8	16.5	60	18	M16 × 40	115	60	160	150	60	50	45	220	160	8.8
LTB-A 9 – 200		170				100					210	200						11.2
LTB-A 9 – 300		270				200					310	300						15.9
LTB-A 10 – 200	120	170	80	9	20.5	100	22	M20 × 40	140	65	210	200	70	50	50	260	200	17.2
LTB-A 10 – 300		270				200					310	300						23.4
LTB-A 10 – 400		370				300					410	400						30.1
LTB-A 11 – 200	140	170	85	10	20.5	80	22	M20 × 40	155	80	210	200	80	50	60	280	220	23.7
LTB-A 11 – 300		270				180					310	300						32.4
LTB-A 11 – 400		370				280					410	400						41.4
LTB-A 12 – 250	170	220	110	12	25	110	26	M24 × 50	195	100	260	250	100	50	75	380	300	44
LTB-A 12 – 400		370				260					410	400						65.1
LTB-A 12 – 500		470				360					510	500						79.1

Material

outer profile: steel S235JR / without coating
core profile: Aluminium
rubber: SBR based/mixture code C

Delivery time on request

Perfomance parameters

		radial		axial		torque and max. excitation frequency at angle α															
type	MC @ β +/-1°	deflection	load	deflection	load	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 $^{-1}$
LTB-A 9 – 150	107	1	5160	1	1613	61.6	800	130	250	214	130	325	82	472	50	666	38	916	23	1233	10
LTB-A 9 – 200	296		6880		2150	82.1		173		285		433		629		887		1221		1643	
LTB-A 9 – 300	1065		10417		3255	124		273		464		714		1042		1463		1995		2657	
LTB-A 10 – 200	315	1	8334	1	2315	125	740	284	232	487	130	742	78	1058	48	1445	33	1912	23	2467	10
LTB-A 10 – 300	1350		11654		3237	175		392		672		1035		1499		2085		2812		3700	
LTB-A 10 – 400	2475		18024		5007	270		577		965		1475		2151		3036		4173		5604	
LTB-A 11 – 200	904	1	10281	1	2570	187	685	401	210	659	130	9778	73	1373	43	1863	28	2463	23	3190	10
LTB-A 11 – 300	1993		15422		3855	281		602		989		1467		2060		2794		3694		4784	
LTB-A 11 – 400	6115		20550		5138	375		816		1352		2013		2829		3828		5039		6493	
LTB-A 12 – 250	1350	1	20458	1	4092	405	620	829	190	1337	110	1993	63	2863	38	4012	28	5503	18	7402	10
LTB-A 12 – 400	4838		32735		6547	648		1326		2139		3189		4581		6419		8805		11843	
LTB-A 12 – 500	9000		40919		8184	810		1658		2674		3987		5727		8024		11007		14805	