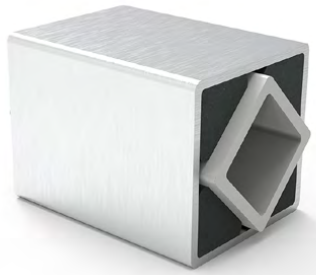
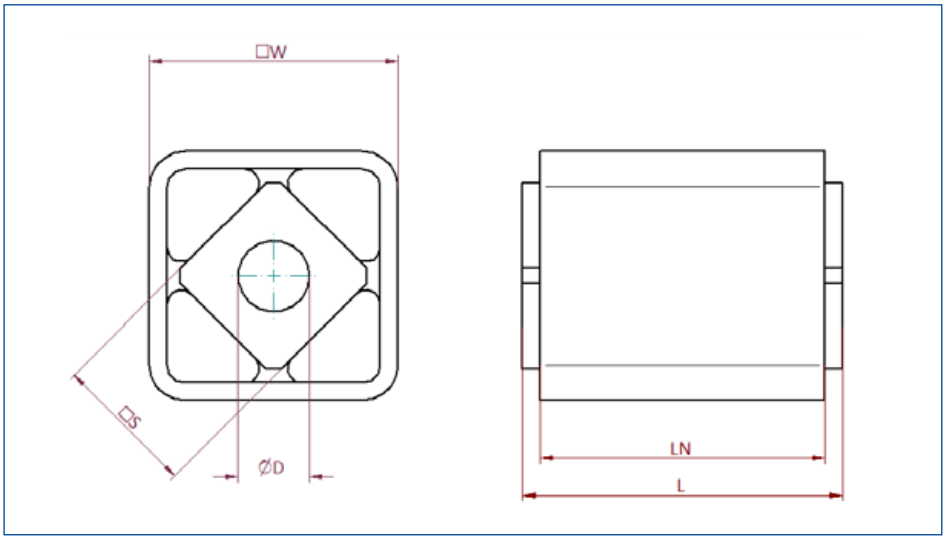
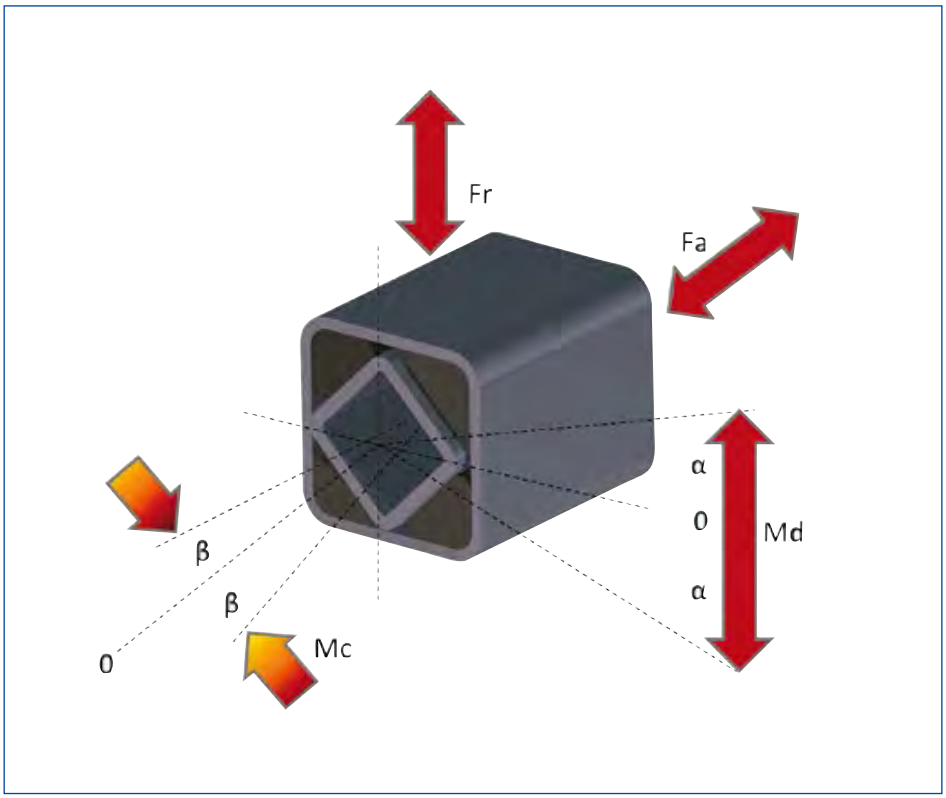
RUBBER SUSPENSION UNIT
TYPE LTC

The inner profile of the rubber suspension unit type C enables fastening with central screw. Screws of quality 8.8 must be used. On the outside, the rubber suspension unit is inserted into a sleeve tube or fastened with the RESATEC mounting bracket MS. Suitable for alternating deflection up to +/– 10°.







matching mounting bracket type MS
page 29

RUBBER SUSPENSION UNIT
TYPE LTC

Dimensions / Material

type	□W	□S	LN	L	øD	no. of mounting brackets	weight	material		
	mm	mm	mm	mm	+0,5 0 mm	type / MS	kg	outer square tube	core profile	rubber
LTC 2 – 20	20	11	20	25	8	1	0.04	steel S235JR / galvanized	aluminium	SBR based / mixture code C
LTC 2 – 50			50	55			0.08			
LTC 5 – 40	45	27	40	45	16	1	0.24			
LTC 5 – 60			60	65		1	0.36			
LTC 5 – 100			100	105		2	0.59			
LTC 6 – 60	60	38	60	70	20	1	0.59			
LTC 6 – 80			80	90		1	0.77			
LTC 6 – 120			120	130		2	1.14			

Perfomance parameters

type	MC @ β +/-1°	radial		axial		torque and max. excitation frequency at angle α															
		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 $^{-1}$
LTC 2 – 20	0.38	0.25	246	0.25	63	0.33	1150	0.63	350	0.92	190	1.26	130	1.68	75	2.22	46	2.92	33	3.81	10
LTC 2 – 50	5.4		624		160	0.83		1.59		2.4		3.38		4.63		6.28		8.43		11.2	
LTC 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
LTC 5 – 60	12.01		1333		325	6.02		12.4		19.8		29		40.9		56.2		75.6		100	
LTC 5 – 100	49.9		2221		542	10		20.6		32.9		48.3		67.9		93.2		125		166	
LTC 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
LTC 6 – 80	25.4		2086		497	15.1		31.7		51.4		75.4		107		145		194		253	
LTC 6 – 120	78.3		3130		745	22.6		47.5		77.1		114		160		218		291		380	