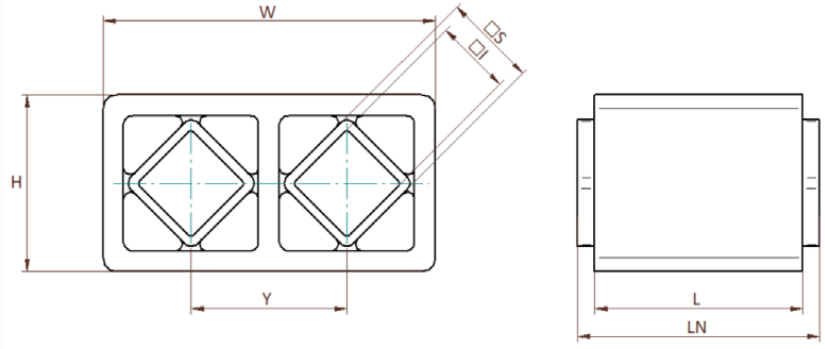
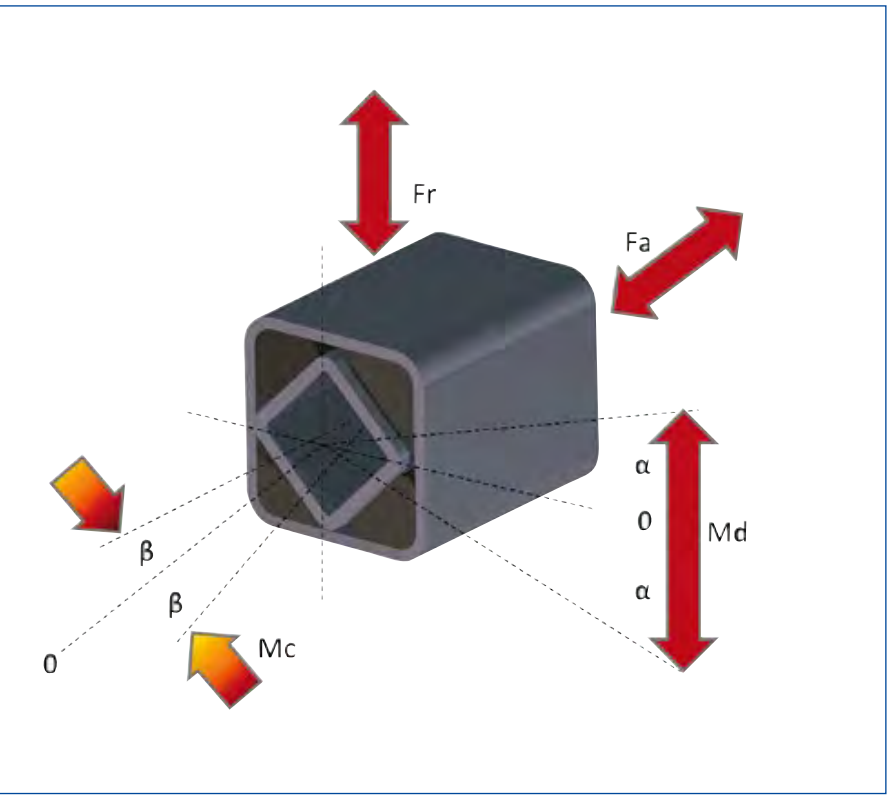
RUBBER SUSPENSION UNIT
TYPE LTD-S

The inner profile of the RESATEC rubber suspension unit type LTD-S enables a plug-in connection.The insertion depth of the inserted square should be at least 1.8 times the material cross-section (dimension S). The squares should be made of bright steel with tolerance h11 and faceted edges. The double element is used for the realization of series or parallel circuits. Only available on request.





RUBBER SUSPENSION UNIT
TYPE LTD-S

Dimensions / Material

type	W	H	□S	L	LN	□I	Y	weight	material		
	mm	mm	mm	mm	mm	mm	mm	kg	outer profile	core square tube Gummi	rubber
LTD-S 3 – 40	57	30	15	40	45	11	27	0.28	aluminium	steel S235JR / galvanized	SBR based / mixture code C
LTD-S 5 – 40	93	49	27	40	45	22	45	0.39			
LTD-S 5 – 60				60	65			0.58			
LTD-S 5 – 100				100	105			0.95			
LTD-S 6 – 60	126	66	38	60	70	30	60	1.09			
LTD-S 6 – 80				80	90			1.42			
LTD-S 6 – 120				120	130			2.10			
LTD-S 7 – 80	149	84	45	80	90	35	72	2.25			
LTD-S 7 – 100				100	110			2.78			
LTD-S 7 – 150				150	160			4.11			
LTD-S 8 – 120	168	92.5	50	120	130	40	78	4.05			
LTD-S 8 – 160				160	170			5.36			
LTD-S 8 – 200				200	210			6.66			
LTD-S 8 – 240				240	250			7.97			
LTD-S 8 – 320				320	330			10.57			

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 $^{-1}$
LTD-S 3 – 40	2	0.25	343	0.25	111	1	1000	2.2	330	3.50	190	5.1	120	7.00	72	9.2	46	11.7	33	14.7	10
LTD-S 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
LTD-S 5 – 60	12.01		1333		325	6.02		12.4		19.8		29		40.9		56.2		75.6		100	
LTD-S 5 – 100	49.9		2221		542	10.0		20.6		32.9		48.3		76.9		93.1		125		166	
LTD-S 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
LTD-S 6 – 80	25.4		2086		497	15.1		31.7		51.4		75.9		107		145		194		253	
LTD-S 6 – 120	78.3		3130		745	22.6		47.5		77.1		114		160		218		291		380	
LTD-S 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
LTD-S 7 – 100	52.2		2745		669	28.4		58.9		94.1		137		190		256		388		439	
LTD-S 7 – 150	135		4063		991	42.1		87.8		141		206		286		385		508		658	
LTD-S 8 – 120	89.5	0.5	3443	0.5	840	72.9	840	139.5	250	209	150	289	85	390	53	519	36	685	24	898	10
LTD-S 8 – 160	115.8		4617		1126	97.8		187.2		280		388		523		696		920		1206	
LTD-S 8 – 200	288		5772		1408	122.2		234		350		485		654		870		1150		1506	
LTD-S 8 – 240	605		6919		1688	146.5		281		420		582		784		1044		1379		1807	
LTD-S 8 – 320	1677		9231		2252	195.4		374		560		776		1046		1393		1840		2411	