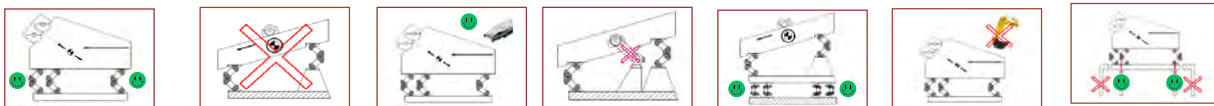
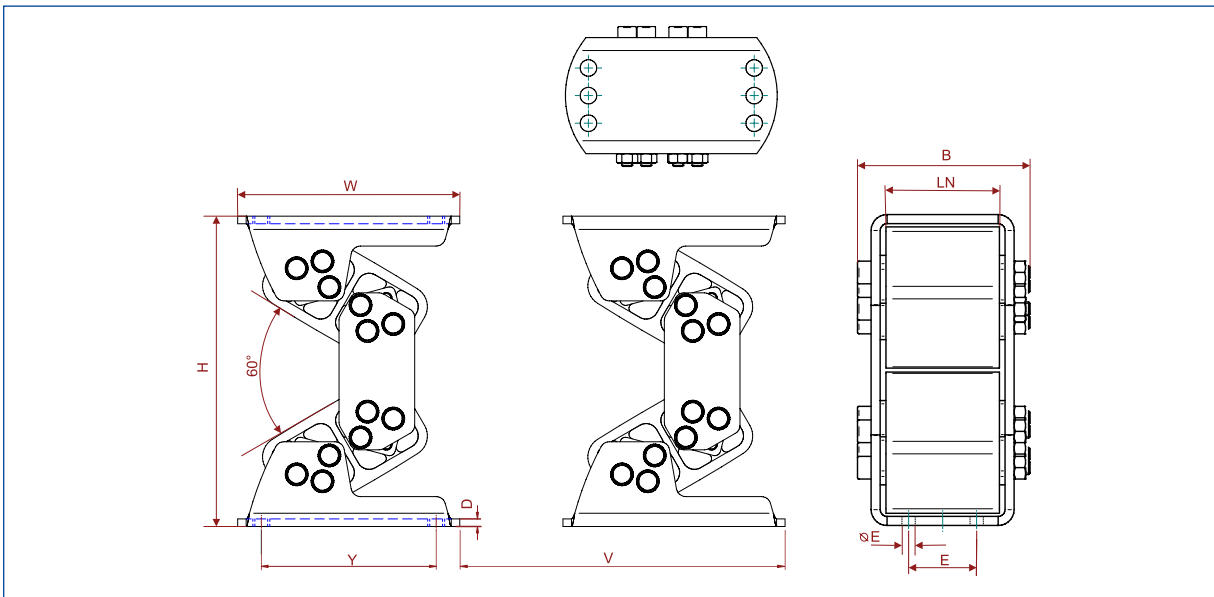
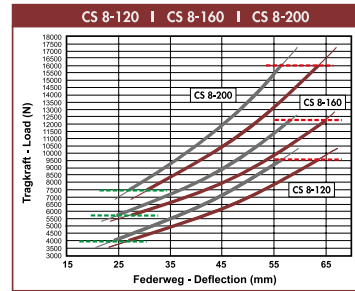
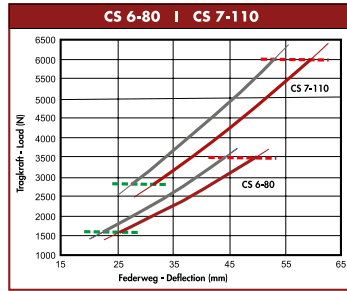
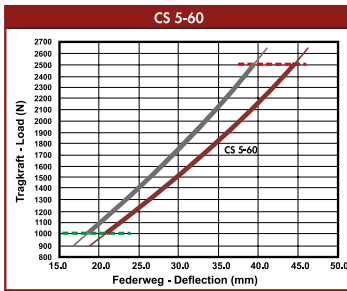


# SCREEN MOUNT

## TYPE CS

The RESATEC screen mount type CS is the optimization with regard to the overall height. Reduced vibration amplitudes and good insulating effect are maintained. Specific for the mounting of horizontally standing conveyors (linear conveyors) with mostly smaller oscillation amplitudes. The design, which is different from the CH series, results in a detuning in the natural frequency of the mounts. Thus, the RESATEC screen mount type CS can also be used as a support between the foundation and a counter-swinging frame in combination with our mountings type CH and CH-PL between the counter-swinging frame and the swinging screen.



# SCREEN MOUNT

## TYPE CS

dimensions													material		
type	H		W	B	LN	D	E	øE +/- 0.2	Y	V	weight	housing			
	unloaded	max. load											min. 8 screws	min.	kg
CS 4 – 50	134	110	115	75	50	3	30	8	90	160	1.6	aluminium	aluminium	steel with powder coating	
CS 5 – 60	184	145	150	94	60	4	40	9	120	165	3.2				
CS 6 – 80	244	193	176	126	80	5	50	11	150	185	5.9				
CS 7 – 110	298	237	220	159	110	6	80	13.5	170	230	10.5				
CS 8 – 120	329	266	235	164	120	6	90	13.5	185	245	13.6				
CS 8 – 160	329	266	235	210	160	8	90	13.5	185	245	19.1				
CS 8 – 200	329	266	235	249	200	7.5	90	13.5	185	245	24.6				

### load values, capacity limits\*

type	load		natural frequ. fe		dynam. spring ratio cd 960 min <sup>-1</sup>			capacity limits*											
			load		verti. N/mm	sw ampli- tude		720 min <sup>-1</sup> (12 Hz)				960 min <sup>-1</sup> (16 Hz)				1440 min <sup>-1</sup> (24 Hz)			
	min. N	max. N	min. Hz	max. Hz		peak to peak mm	hori. N/mm	sw mm	K -	W %	Vm m/min.	sw mm	K -	W %	Vm m/min.	sw mm	K -	W %	Vm m/min.
CS 4 – 50	450	1300	6.0	4.4	117	4	35	5	1.4	94.5	6	4.5	2.7	95.8	7	4	4.8	98	9
CS 5 – 60	1000	2500	3.9	2.9	124	5.5	58	6.5	1.9	93.7	7	5.5	2.8	96.6	9	4.3	5	98.5	7
CS 6 – 80	1600	3500	3.5	2.5	127	8	68	10	2.8	94.8	12	8	4.2	97.2	13	6	7.4	98.8	14
CS 7 – 110	2800	6000	3.2	2.3	195	9	100	11	3.2	95.7	13	9	4.8	97.6	15	7	8.5	99	17
CS 8 – 120	4000	9600	2.6	2.4	328	10	129	12	3.5	95.5	14	10	5.1	97.5	16	8	9.3	99	18
CS 8 – 160	8000	12000	2.6	2.4	430	10	170	12	3.5	95.5	14	10	5.1	97.5	16	8	9.3	99	18
CS 8 – 200	7500	16000	2.6	2.4	551	10	211	12	3.5	95.5	14	10	5.1	97.5	16	8	9.3	99	18

\*sw: amplitude (peak to peak)

K: oscillating machine factor

W: isolation efficiency

Vm: theo. conveying speed (angle 45°)