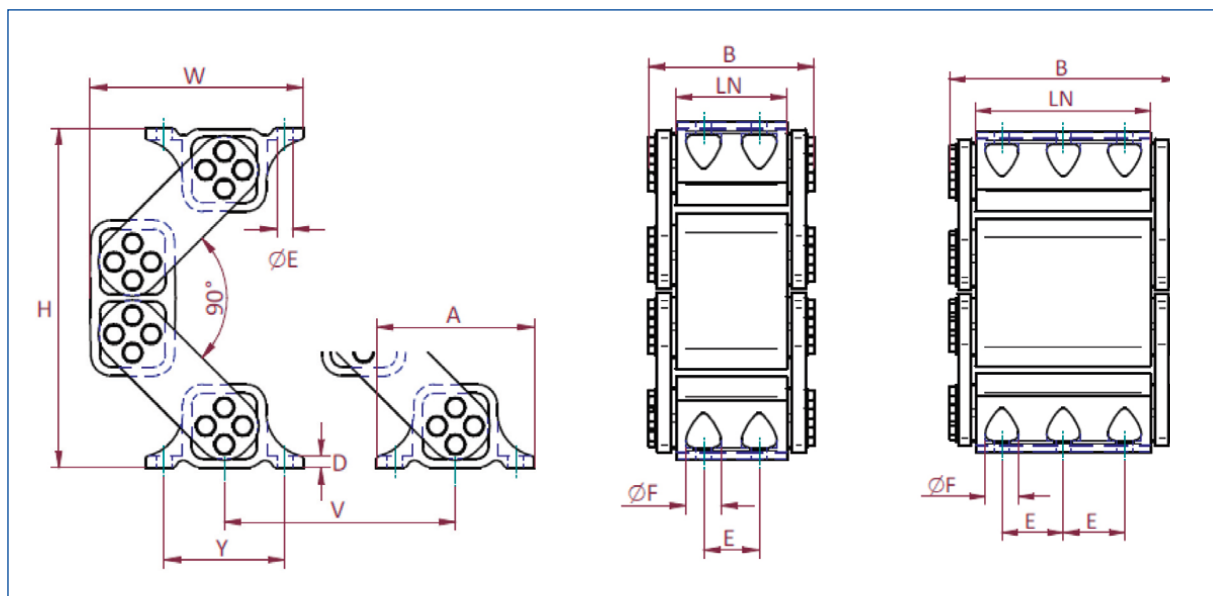


SCREEN MOUNT

TYPE CH | CH-I (INOX-DESIGN)

The RESATEC screen mount type CH is the universal mounting in our product range. All advantages, such as large oscillation amplitudes, high insulating effect, high power density, low residual force transmission and high resistance with regard to spontaneous loading are combined. The support of inclined screens is also possible. Transversely acting tensile forces due to belt drives are well absorbed and prevent negative, onesided conveying.



SCREEN MOUNT

TYPE CH | CH-I

dimensions																		
type	H		W		A	B	LN	D	E	øE	screws	øF +/− 0.2	Y	V	weight	material		
	un-loaded	max. load	un-loaded	max. load									min.	kg	housing	core	lever	
CH-I 3 – 40	163	123 - 118	102	116 - 117	65	52	40	4	-	7	4	-	50	120	0.9	SINT-C 40	1.4301	
CH-I 4 – 50	210	150 - 143	130	137 - 130	85	61	50	4.5	-	9	4	-	65	150	1.6	SINT-C 41	1.4301	
CH-I 4 – 50S	210	143	130	130	85	61	50	4.5	-	9	4	-	65	150	1.5	SINT-C 41		
CH 5 – 60	236	180 - 173	148	167 - 169	105	80	60	5	-	11	4	-	80	170	2.2	Aluminium	steel powder coating	
CH 6 – 80	305	234 - 224	184	209 - 211	125	106	80	6	40	13	8	-	100	210	5			
CH 7 – 110	333	256 - 245	206	233 - 235	145	155	110	8	65	13	8	-	115	240	8.8			

Load values, capacity limits

type	load		nat. frequency fe		dynam. spring ratio cd 960 min ⁻¹			max. capacity limits*											
	load		load		verti.	sw amplitude		720 min ⁻¹ (12 Hz)				960 min ⁻¹ (16 Hz)				1440 min ⁻¹ (24 Hz)			
	min. N	max. N	min. Hz	max. Hz	N/mm	peak to peak mm	N/mm	sw mm	K -	W %	Vm m/min.	sw mm	K -	W %	Vm m/min.	sw mm	K -	W %	Vm m/min.
CH-I 3 – 40	50	160	4.5	2.4	10	11	13	13.5	3.9	95.4	16	11	5.7	97.4	17	8	9.3	99	18
CH-I 4 – 50	120	350	4	2.3	19	12	15	16	4.9	96.8	18	14	7.7	98.3	19	8	9.3	99	18
CH-I 4 – 50S	120	350	4	2.3	19	12	15	16	4.9	96.8	18	14	7.7	98.3	19	8	9.3	99	18
CH 5 – 60	240	800	3.8	2.2	35	14	18	17	4.9	96.6	20	14	8.8	98.1	24	8	9.3	99	18
CH 6 – 80	600	1600	3.0	1.9	56	17	26	20	5.8	97.3	24	17	8.8	98.5	27	8	9.3	99	18
CH 7 – 110	1300	3300	2.8	1.9	107	17	38	20	5.8	97.5	24	17	9.3	98.5	27	8	9.3	99	18

*sw: amplitude (peak to peak)

K: oscillating machine factor

W: isolation efficiency

Vm: theo. conveying speed (angle 45°)