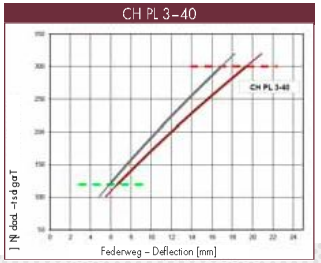
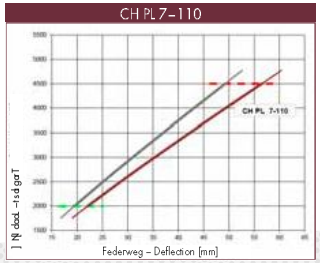
RESATEC AG
SWITZERLAND

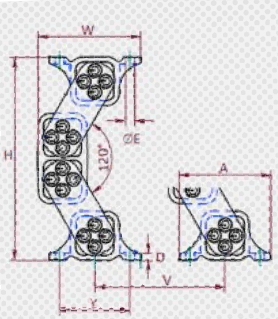
Sieblagerung Typ CH PL

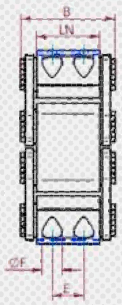
Screen Mountings Type CH PL

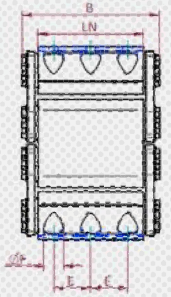
RESATEC-Sieblagerung Typ CH PL:
Die RESATEC-Sieblagerung Typ CH PL ist die Optimierung bezüglich der Leistungsdichte. Ausreichende Schwingweiten, gute Isolierwirkung und gute Resistenz bezüglich Spontanbeschickung bleiben erhalten. Auch die Lagerung geneigter Siebe ist möglich. Ist als Antrieb der Unwucht-Wellen ein Riementrieb vorgesehen, empfehlen wir den Einsatz einer elastischen Motorenlagerung (Motorwippe).



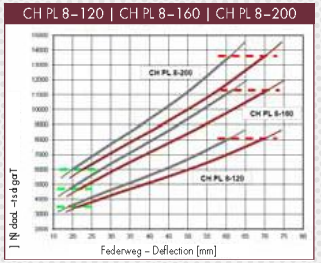


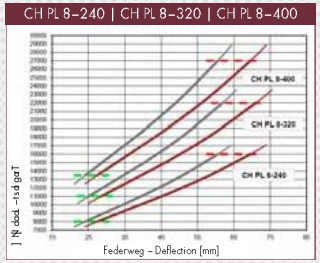






RESATEC-Screen Mounting Type CH PL:
The RESATEC-Screen Mounting Type CH PL is the optimization with respect to power density. Sufficient amplitudes peak to peak, good isolation and good resistance against impact load are retained. To use under inclined screens constructions is possible. In case of an unbalance shafts with a belt drive, we recommend to use an elastic motor base.





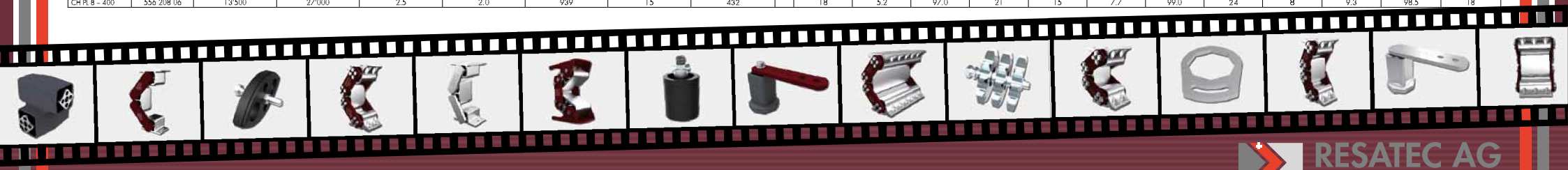
max. Belastung – max. Load | min. Belastung – min. Load | Einfederung bis 1 Tag – Deflection while 1 Day | Einfederung bis 1 Jahr – Deflection while 1 Year

Abmasse / Dimensions / Material

Typ / Type	Art. Nr.	H		W		A	B	LN	D	E	øE	øE min. Schrauben Bolts	øF	Y	V min.	Gewicht Weight [kg]	Material Deklaration / Declaration		
		unbelastet unloaded	max. Last max. load 1T / 1D – 1J / 1Y	unbelastet unloaded	max. Last max. load 1T / 1D – 1J / 1Y												Gehäuse Housing	Inneteil Core	Hebel Lever Support
CH PL 3 – 40	556 200 01	135	118 – 115	70	80 – 82	65	52	40	4	–	7	4	–	50	80	1.0	SINTC 40	1.4571	
CH PL 7 – 110	556 207 02	340	290 – 283	170	199 – 202	145	145	110	8	65	13	8	–	115	220	7.9			
CH PL 8 – 120	556 208 01	376	315 – 307	191	226 – 229	170	180	120	13	60	17	8	38	130	240	15.8			
CH PL 8 – 160	556 208 02	376	315 – 305	191	226 – 230	170	220	160	13	2 x 20	17	12	38	130	240	18.3			
CH PL 8 – 200	556 208 03	376	315 – 307	191	226 – 229	170	260	200	13	2 x 70	17	12	38	130	240	21.2	Aluminium	Aluminium	Stahl mit Pulverlackierung steel with powder coating
CH PL 8 – 240	556 208 04	376	314 – 306	191	226 – 229	170	300	240	13	3 x 60	17	16	38	130	240	23.9			
CH PL 8 – 320	556 208 05	376	315 – 305	191	226 – 230	170	380	320	13	4 x 60	17	20	38	130	240	29.3			
CH PL 8 – 400	556 208 06	376	315 – 307	191	226 – 229	170	460	400	13	4 x 70	17	20	38	130	240	34.6			

Belastungswerte / load values / max. Einsatzparameter / max. running data

Typ / Type	Art. Nr.	Belastung Load		Eigenfrequenz f_0 natural frequency f_0 Belastung / Load		Dynam. Federrate cd Dynam. Spring value cd n_{err} 960 min^{-1}			max. Einsatzparameter / max. running data sw = Schwingweite / amplitude (peak to peak) | K = Schwingmaschinenkennzahl / Oscillating machine factor W = Schwingisolation / Isolation efficiency | Vm = theo. Material-Fördergeschwindigkeit / theo. conveying speed (Winkel / angle 45°)											
									n_{err} 720 min^{-1} (12Hz)				n_{err} 960 min^{-1} (16Hz)				n_{err} 1440 min^{-1} (24Hz)			
		min. [N]	max. [N]	min. [Hz]	max. [Hz]	verti. [N/mm]	sw amplitude (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
CH PL 3 – 40	556 200 01	120	300	6.2	3.5	27	7	18	8	2.3	90.5	9.5	7	3.6	95.0	10.8	5	5.8	97.8	11.7
CH PL 7 – 110	556 207 02	2'000	4'500	3.4	2.1	170	14	86	17	4.9	97.0	20.5	14	7.1	98.0	22.5	8	9.3	98.5	18
CH PL 8 – 120	556 208 01	3'500	8'100	2.6	2.1	281	15	128	18	5.2	97.0	21	15	7.7	98.0	24	8	9.3	98.5	18
CH PL 8 – 160	556 208 02	4'700	11'300	2.9	2.0	388	15	171	18	5.2	97.0	21	15	7.7	98.0	24	8	9.3	98.5	18
CH PL 8 – 200	556 208 03	6'000	13'600	2.6	1.9	471	15	215	18	5.2	97.0	21	15	7.7	98.0	24	8	9.3	98.5	18
CH PL 8 – 240	556 208 04	8'000	16'000	2.5	1.9	506	15	259	18	5.2	90.5	21	15	7.7	99.0	24	8	9.3	98.5	18
CH PL 8 – 320	556 208 05	11'000	22'000	2.5	1.9	760	15	344	18	5.2	97.0	21	15	7.7	99.0	24	8	9.3	98.5	18
CH PL 8 – 400	556 208 06	13'500	27'000	2.5	2.0	939	15	432	18	5.2	97.0	21	15	7.7	99.0	24	8	9.3	98.5	18



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