



HC508 C-MTW

Mold to Width

Modular Belt Series

• Meat Applications

Slaughtering - Evisceration, Cutting Lines, Debonning Lines,
Bone Takeaway, Dressing Lines, Trim Lines

• Poultry Applications

Live Birds, Slaughtering - Evisceration, Skinning, Cut - Up,
Chiller Discharge, Bird Accumulation, Freezing Lines, Elevator

• Sea Food Applications

Trim Lines, Control Tables, Glazing, Elevator

HC508 C-MTW (Mold to Width)

Pitch:	50,8 mm / 2 inch
Belt Surface:	Close, Smooth Surface
Minimum Width:	406,4 mm / 16 inch
Open Area (%):	0%
Flight:	No
Sidewall:	No
Pin:	Ø 6 mm / 0.236 inch - Self Lock
Approved:	FDA and EU
Color:	Blue / White
Cleanability:	Excellent
Belt Thickness:	16 mm / 0.63 inch



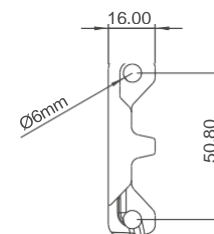
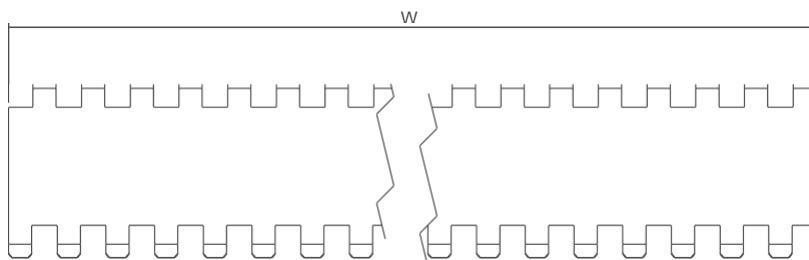
- Available single modules: 16", 18", 20", 24"

HP508 C-MTW Technical Information

Belt Material		POM	POM	POM	POM	PE	PE
Pin Material		POM	PA	PBT	PE	POM	PE
Belt Strength	N/m lb/ft	30000 - 2055	30000 - 2055	30000 - 2055	18000 - 1233	10000 - 685	26400 - 685
Temperature	°C °F	-40 / +93 -40 / +200	-40 / +93 -40 / +200	-40 / +93 -40 / +200	-40 / +65 -40 / +150	-40 / +65 -40 / +150	-70 / +65 -50 / +150
Belt Weight	kg/m ² lb/sqft ²	13.5 / 2.77	13.5 / 2.77	13.5 / 2.77	13.5 / 2.77	9.4 / 1.93	9.4 / 1.93

Diameter of idling rollers (min.)		Diameter of support rollers (min.)		Diameter for gravity take up center drive rollers (min.)		Backbending radius for elevators without side guards or hold down devices (min.)		Backbending radius for elevators with side guards or hold down devices (min.)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
90	3.5	100	4	150	6	-	-	-	-

Belth Width mm	406,4	457,2	508,0	609,6
Belth Width inch	16.00	18.00	20.00	24.00



Product Features and Functional Benefits

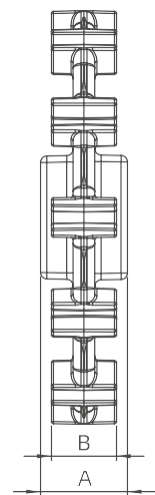
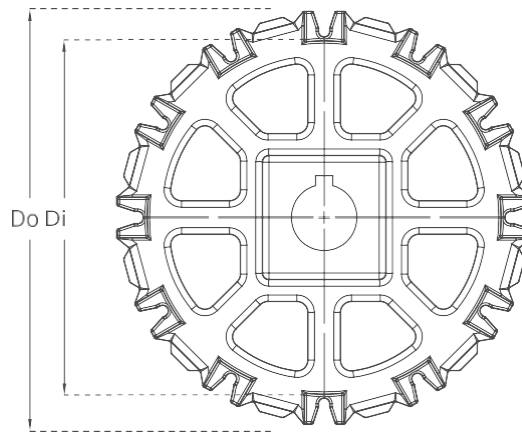
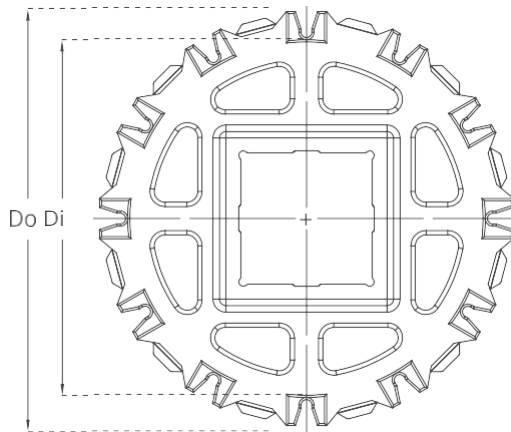
- High clean&open hinge design reduces downtime for cleaning time 70%.
- Reduces bacteria growth.
- Unique sprocket engagement - higher product load and longer conveyors.
- Strong and one-piece frame supports allow more load without breaking.
- Impact resistance to withstand heavy objects falling into the belt.

Important Notes

- Standard belt increments 50,8 mm.
- Non-Standard belt increments 16,9 mm.
- Please contact with customer service for precise belt measurements.
- Special raw materials and additional colors available.
- Physical belt widths are generally 0.1% to 0.3% bigger.

EC508 Series

Sprockets and Technical Specifications



EC508 Series / Standard Sprockets Dimensions

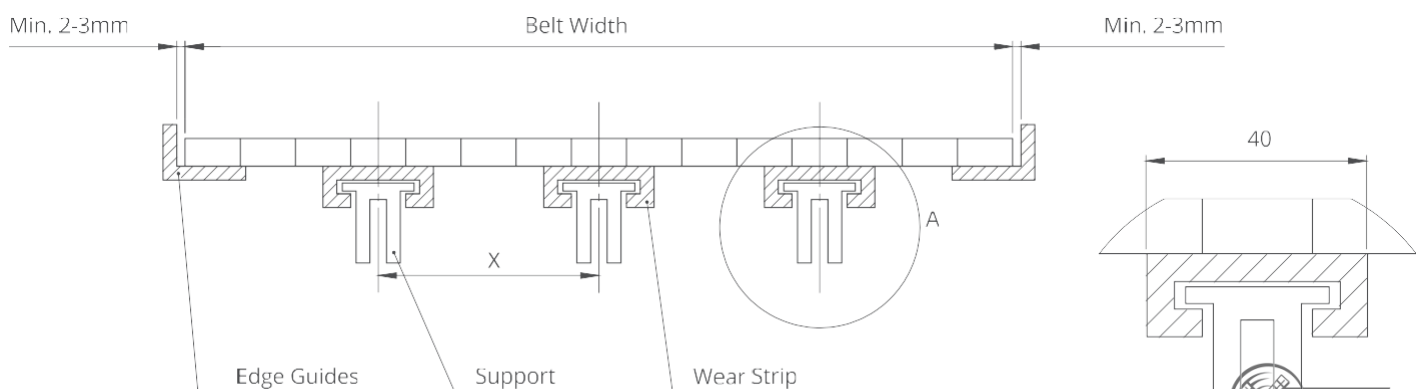
NO. TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q)		Round Bore (R)		PRODUCT CODE	
					mm/inch	mm/inch	mm/inch	mm/inch	Square Type (Q)	Round Type (R)
Z6	72,9 / 2.87	90,2 / 3.54	30,0 / 1.18	40,0 / 1.57	40	1.5	25-30	1-1.25	EC508SQZ6*PA	EC508SRZ6*PA
Z8	107,1 / 4.22	124,6 / 4.91	30,0 / 1.18	40,0 / 1.57	40	1.5	25-30	1-1.25	EC508SQZ8*PA	EC508SRZ8*PA
Z10	141,6 / 5.57	158,2 / 6.22	30,0 / 1.18	40,0 / 1.57	40-60	1.5-2.5	30	1.25	EC508SQZ10*PA	EC508SRZ10*PA
Z12	174,6 / 6.87	191,1 / 7.52	30,0 / 1.18	40,0 / 1.57	40-60	1.5-2.5	30	1.25	EC508SQZ12*PA	EC508SRZ12*PA

*Other sprockets and hub sizes are manufactured up to request.

*POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

*Machined Split Sprockets are available for each size.

EC508 Series / Slider Support System For Straight Running Belts



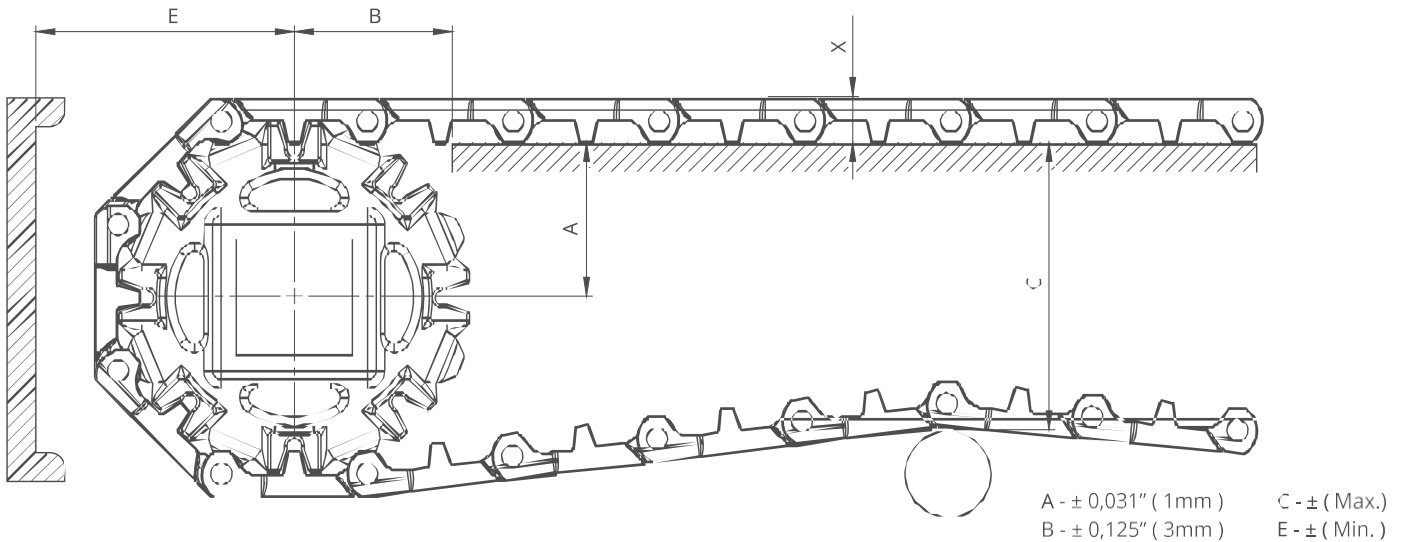
Note: The max. distances between the wear strips have to be (X) ; 125 mm for 2'' belts. 80 mm for 1'' / 0.5'' belts.

Detail A
Scale 1:1



EC508 Series

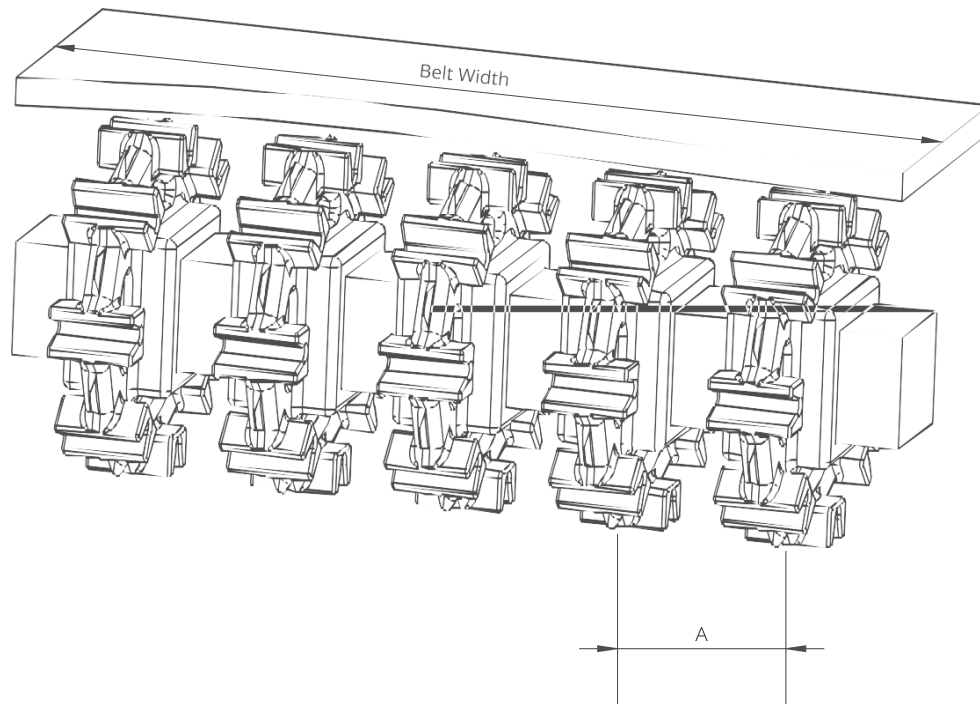
Engineering Information



EC508 Series / Conveyor Frame Dimensions

Sprockets Description			A		B		C		E		X	
Pitch Diameter		No.Teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm
inch	mm		inch	mm								
EC508 C, EC508 PR22%, EC508 PR13%, EC508 PR11%, EC508 FG												
3.23	82,0	6	1.70	43,3	1.72	43,8	2.92	74,3	2.73	69,3	0.63	16,0
4.57	116,0	8	2.34	59,4	2.08	52,7	4.23	107,4	3.36	85,4	0.63	16,0
5.91	150,0	10	2.96	75,3	2.38	60,5	5.52	140,3	3.99	101,3	0.63	16,0
7.23	183,6	12	3.65	92,8	2.58	65,5	6.87	174,6	4.68	118,8	0.63	16,0
EC508 DT												
3.23	82,0	6	1.70	43,3	1.72	43,8	2.92	74,3	2.73	69,3	0.67	17,0
4.57	116,0	8	2.34	59,4	2.08	52,7	4.23	107,4	3.36	85,4	0.67	17,0
5.91	150,0	10	2.96	75,3	2.38	60,5	5.52	140,3	3.99	101,3	0.67	17,0
7.23	183,6	12	3.65	92,8	2.58	65,5	6.87	174,6	4.68	118,8	0.67	17,0
EC508 NT, EC508 FG-NT												
3.23	82,0	6	1.70	43,3	1.72	43,8	2.83	71,8	2.83	71,8	0.73	18,5
4.57	116,0	8	2.34	59,4	2.08	52,7	4.13	104,9	3.46	87,9	0.73	18,5
5.91	150,0	10	2.96	75,3	2.38	60,5	5.43	137,8	4.09	103,8	0.73	18,5
7.23	183,6	12	3.65	92,8	2.58	65,5	6.78	172,1	4.78	121,3	0.73	18,5
EC508 C-RT, EC508 FG-RT												
3.23	82,0	6	1.57	39,8	1.72	43,8	2.92	74,3	2.87	72,8	0.90	23,1
4.57	116,0	8	2.20	55,9	2.08	52,7	4.23	107,4	3.50	88,9	0.90	23,1
5.91	150,0	10	2.83	71,9	2.38	60,5	5.52	140,3	4.13	104,8	0.90	23,1
7.23	183,6	12	3.52	89,3	2.58	65,5	6.87	174,6	4.81	122,3	0.90	23,1
EC508 GT												

3.23	82,0	6	1.70	43,3	1.72	43,8	3.04	77,3	2.85	72,3	0.75	19,0
4.57	116,0	8	2.34	59,4	2.08	52,7	4.35	110,4	3.48	88,4	0.75	19,0
5.91	150,0	10	2.96	75,3	2.38	60,5	5.64	143,3	4.11	104,3	0.75	19,0
7.23	183,6	12	3.65	92,8	2.58	65,5	6.99	177,6	4.80	121,8	0.75	19,0



EC508 Series / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
200,0	7.9	2	2	60/2.36	150/5.9
300,0	11.8	3	2	60/2.36	150/5.9
400,0	15.7	3	3	60/2.36	150/5.9
500,0	19.7	4	3	60/2.36	150/5.9
600,0	23.6	4	3	60/2.36	150/5.9
700,0	27.6	5	4	60/2.36	150/5.9
800,0	31.5	6	4	60/2.36	150/5.9
900,0	35.4	6	5	60/2.36	150/5.9
1000,0	39.4	7	5	60/2.36	150/5.9
1100,0	43.3	7	5	60/2.36	150/5.9
1200,0	47.2	8	6	60/2.36	150/5.9
1400,0	55.1	9	7	60/2.36	150/5.9
1600,0	63.0	10	7	60/2.36	150/5.9
1800,0	70.9	11	8	60/2.36	150/5.9
2000,0	78.7	12	8	60/2.36	150/5.9
2200,0	86.6	13	9	60/2.36	150/5.9
2400,0	94.5	14	10	60/2.36	150/5.9
2600,0	102.4	15	10	60/2.36	150/5.9
2800,0	110.2	16	11	60/2.36	150/5.9
3000,0	118.1	17	12	60/2.36	150/5.9

Note: Number of sprockets depends on the belt load.

