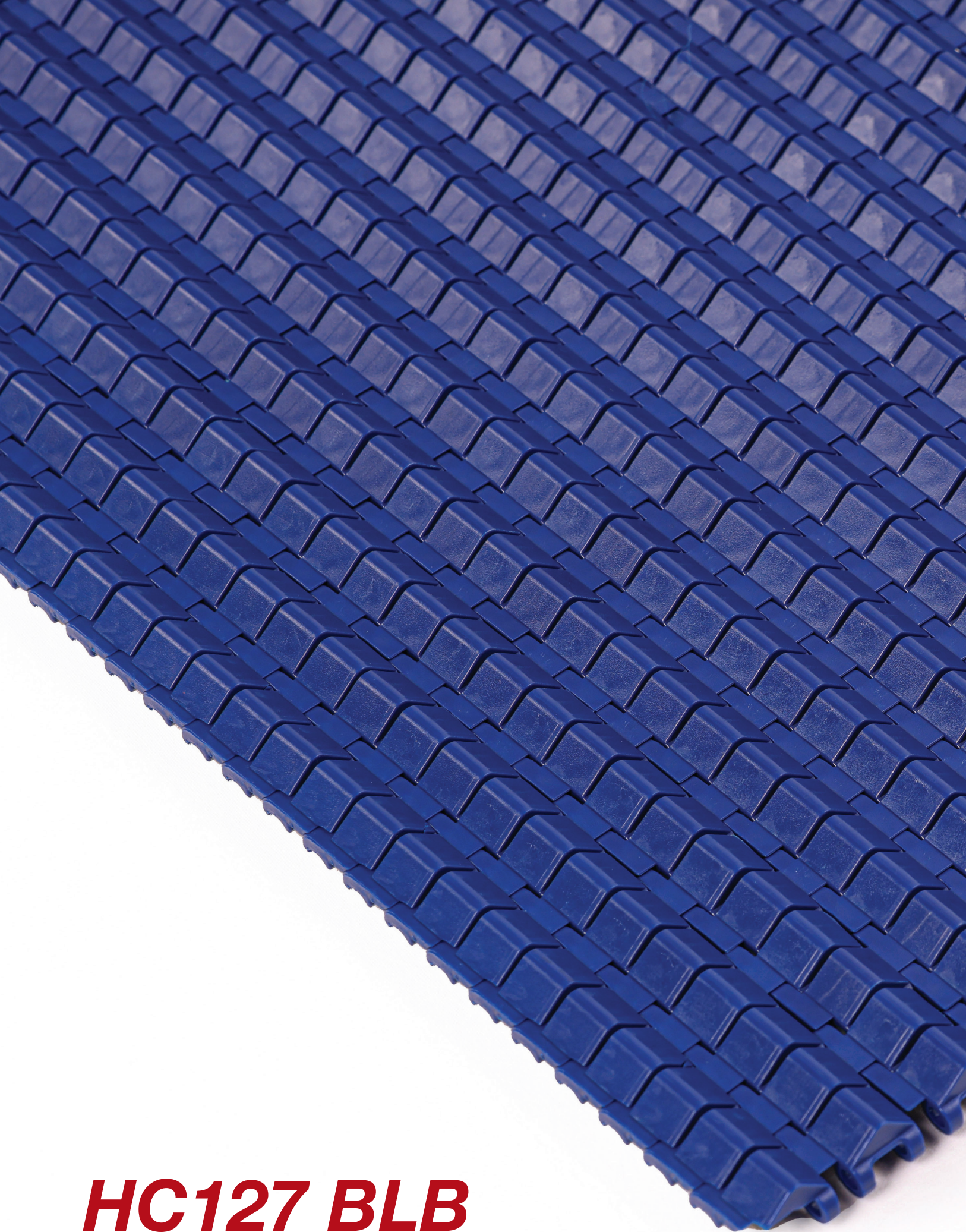




HC127 BLB

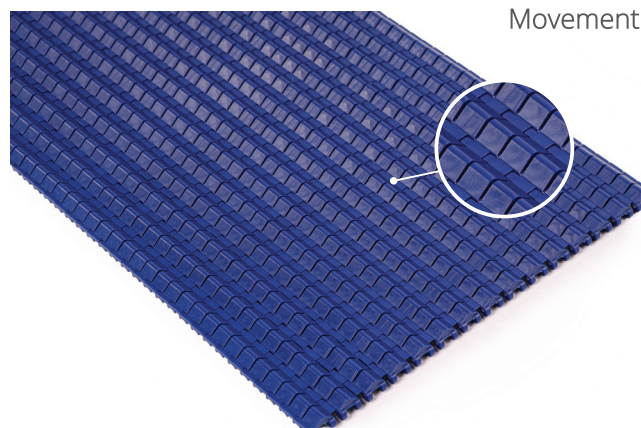
Modular Belt Series



MODUTECH[®]
Movement Technologies

HC127 BLB

Pitch:	12,7 mm / 0.5 inch
Belt Surface:	Close, Pyramid Surface
Minimum Width:	121,74 mm / 4.79 inch
Open Area (%):	0%
Flight:	No
Sidewall:	No
Pin:	Ø4.5 mm / 0.177 inch - Self Lock
Approved:	FDA and EU
Color:	Blue / White
Cleanability:	Excellent
Belt Thickness:	13,56 mm / 0.534 inch

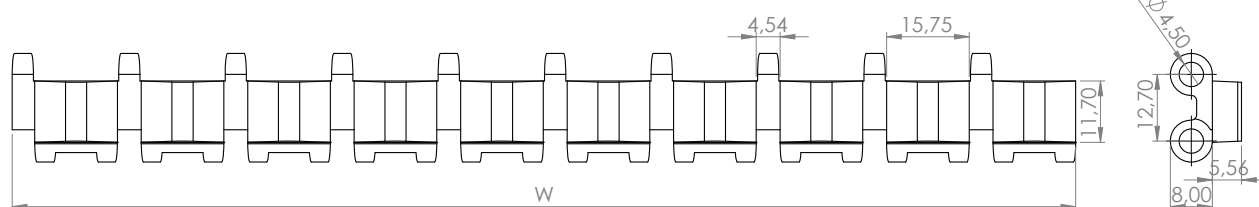


HC127 BLB Technical Information

Belt Material		POM	POM
Pin Material		POM	PA
Belt Strength	N/m lb/ft	5170 - 354	5170 - 354
Temperature	°C °F	-40 / +93 -40 / +200	-40 / +93 -40 / +200
Belt Weight	kg/m ² lb/sqft ²	8,1 / 1.65	7,7 / 1.60

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
25	1	50	2	75	3	75	3	-	-

Belt Width mm	121,7	223,3	324,9	426,5	528,1	629,7	731,3	832,9	934,5	1036,1	1137,7
Belt Width inch	4.8	8.8	12.8	16.8	20.8	24.8	28.8	32.8	36.8	40.8	44.8



Product Features and Functional Benefits

- Special design for sorter lines. Especially for Blueberries.
- Food approved materials

Important Notes

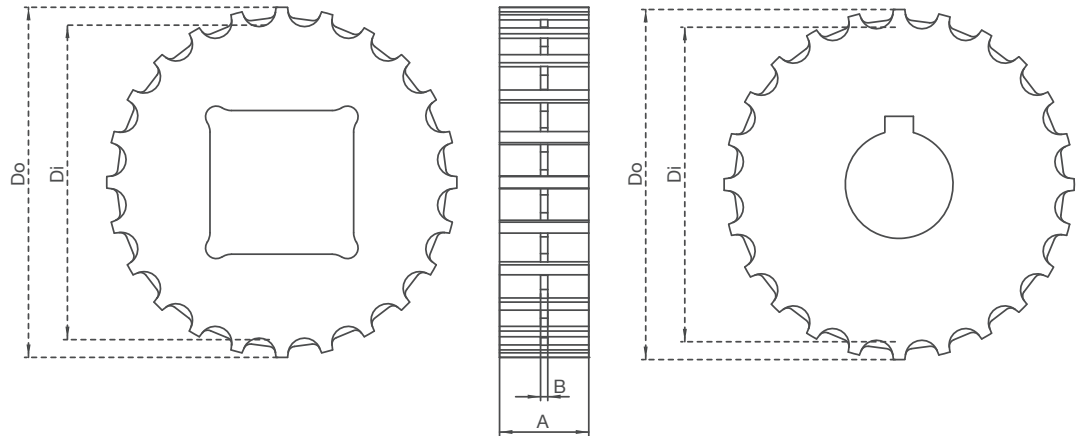
- Standard belt width increments 101,6 mm (4")
- Special raw materials and additional colors available.
- Physical belt widths are generally 0.1% to 0.3% smaller.
- Please contact with customer service for precise belt measurements.

HC127 Series

Engineering Information



Z36



HC127 Serie / Machined Sprockets Dimensions

NO. TEETH	Di mm/inch	Do mm/inch	B mm/inch	A mm/inch	Square Bore (Q) mm/inch		Round Bore (R) mm/inch		PRODUCT CODE	
									Square Type (Q)	Round Type (R)
Z15	51,9 / 2.04	61,4 / 2.42	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ15*POM	HC127SRZ15*POM
Z16	55,9 / 2.20	65,5 / 2.58	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ16*POM	HC127SRZ16*POM
Z17	59,9 / 2.36	69,5 / 2.74	2 / 0.08	25 / 0.98	25	1	25-30	1-1.25	HC127SQZ17*POM	HC127SRZ17*POM
Z18	63,9 / 2.52	73,6 / 2.90	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ18*POM	HC127SRZ18*POM
Z19	68,0 / 2.68	77,7 / 3.06	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ19*POM	HC127SRZ19*POM
Z24	88,1 / 3.47	98,1 / 3.86	2 / 0.08	25 / 0.98	25-40	1-1.5	25-30	1-1.25	HC127SQZ24*POM	HC127SRZ24*POM
Z36	136,5 / 5.37	146,8 / 5.78	2 / 0.08	25 / 0.98	40	1.5	25-30	1-1.25	HC127SQZ36*POM	HC127SRZ36*POM

*All required sprockets produced by CNC.

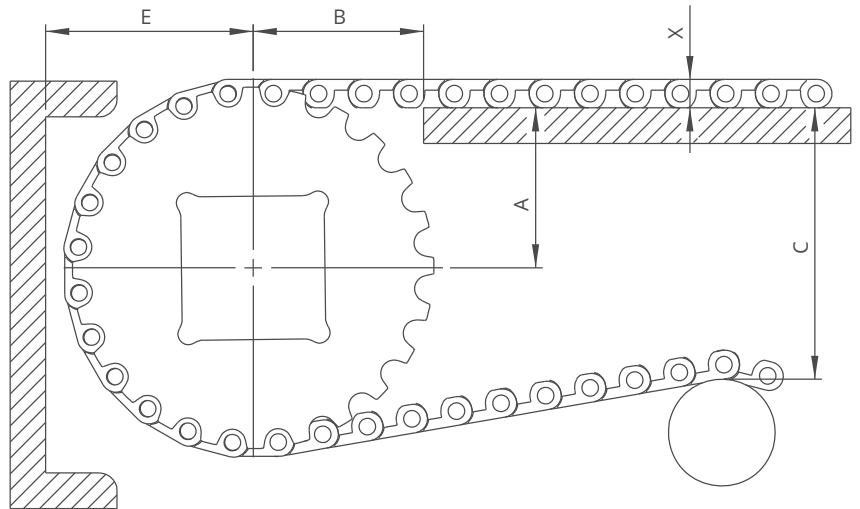
*Other sprockets and hub sizes are manufactured up to request.

*POM (Acetal) and PA (Polyamide) sprockets raw material is available on request.

*Machined Split Sprockets are available for each size.

A - $\pm 0,031"$ (1mm)
B - $\pm 0,125"$ (3mm)

C - $\pm$ (Max.)
E - $\pm$ (Min.)

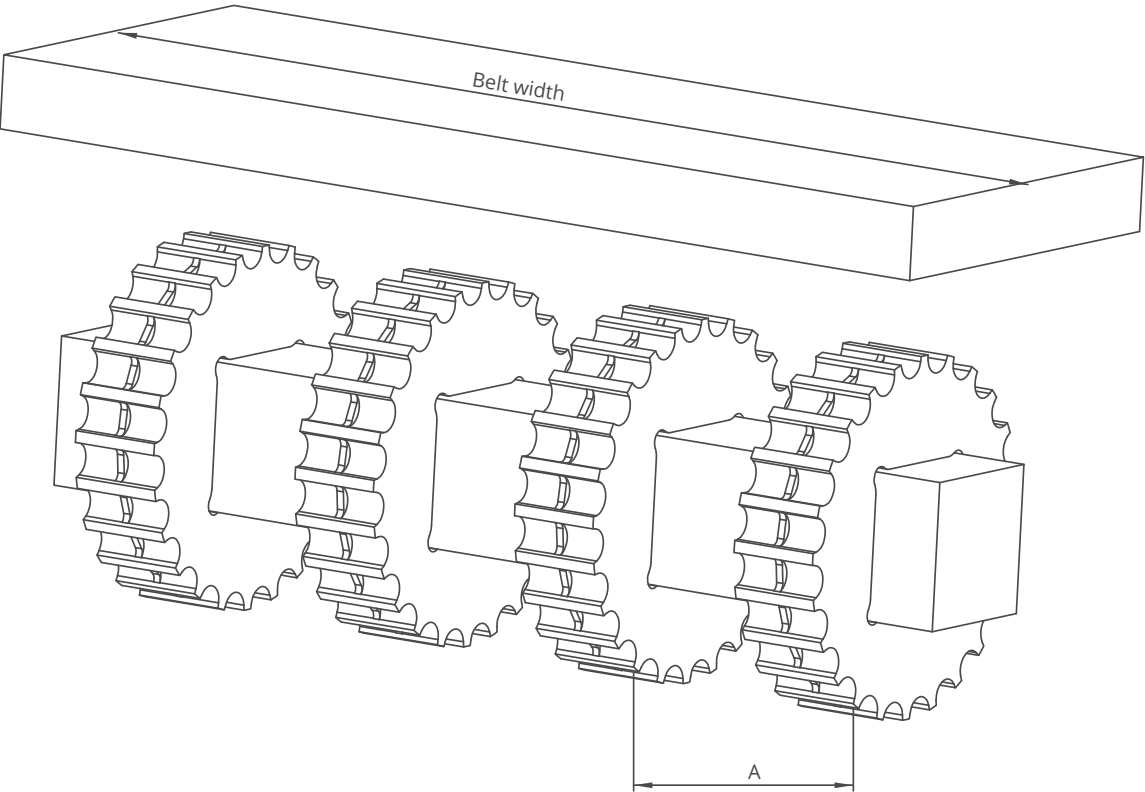


HC127 Serie / Conveyor Frame Dimensions

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								
HC127 C, HC127 BLB												
2.40	61,1	15	1.06	26,8	1.24	31,5	1.36	34,5	1.52	38,5	0.31	8,0
2.56	65,1	16	1.13	28,8	1.32	33,5	1.51	38,3	1.60	40,6	0.31	8,0
2.72	69,1	17	1.21	30,8	1.40	35,5	1.66	42,2	1.68	42,7	0.31	8,0
2.87	73,1	18	1.29	32,8	1.48	37,5	1.83	46,5	1.76	44,6	0.31	8,0
3.03	77,2	19	1.37	34,8	1.56	39,5	1.94	49,4	1.84	46,7	0.31	8,0
3.83	97,3	24	1.77	44,9	1.95	49,5	2.75	69,8	2.24	56,9	0.31	8,0
5.73	145,7	36	2.74	69,5	2.93	74,5	4.69	119	3.21	81,5	0.31	8,0

HC127 Series

Engineering Information



HC127 Serie / Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
101,6	4.0	2	2	50/2	100/4
203,2	8.0	3	2	50/2	100/4
304,8	12.0	4	3	50/2	100/4
406,4	16.0	5	3	50/2	100/4
508,0	20.0	6	4	50/2	100/4
609,6	24.0	7	5	50/2	100/4
711,2	28.0	8	6	50/2	100/4
812,8	32.0	9	7	50/2	100/4
914,4	36.0	10	8	50/2	100/4
1016,0	40.0	11	9	50/2	100/4
1117,6	44.0	12	9	50/2	100/4