FabLink®-HP50.8.FG

Snack Foods Applications

Cooling Line

Fruits and Vegetables Applications

Palletizing - Epalletizing, Sterilization Conveyance

Automotive Applications

Batery Filling

Tire Manufacturing Applications

Dip Tank

Packaging Applications

Accumulation, Palletizing - Depalletizing

Textile Applications

Dyeing

Beverages and Bottling Applications

Glass Palletizing - Depalletizing, Pasteurizers - Warmers, Accumulation Tables

Can Manufacturing Applications

Accumulation Tables, Palletizing / Depalletizing

FabLink®-HP50.8.FG (Battery Belt)

Pitch	50.8 mm / 2 inch
Belt surface	Open, Smooth surface
Minimum width	152.4 mm / 6 inch
Open Area (%)	0%
Cleat	No
Sidewall	No
Pin	Ø 7 mm / 0,275 inch Self Lock
Approved	FDA and EU
Curve	No
Color	Additional colors available
Cleanability	Good
Belt thickness	16 mm / 0,629 inch

Product Features and Functional Benefits

Belt provides optimal open area for drainage and airflow.
Unique sprocket engagement reduces pulsation and increases load capacity.
High power, bi-directional belt for long conveyors.
Unique sprocket engagement - higher product load and longer conveyors.
Strong and thick product supports allow more load without breaking.

Available Moulded Module Sizes

152,4 mm / 6 inch module

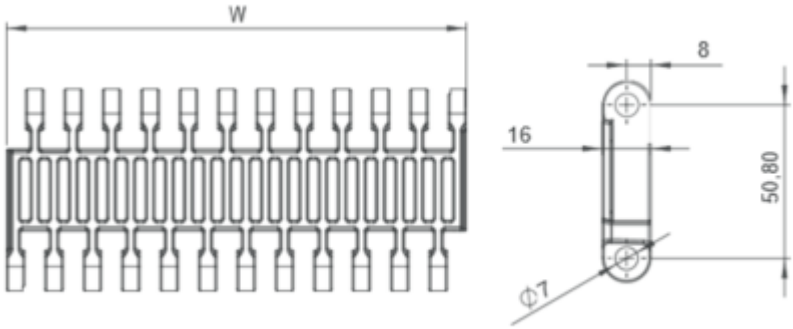
76,2 mm / 3 inch module

Technical Information

BELT MATERIAL	BELT STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / ° F (min.)	°C / ° F (max.)	Kg/m² / lb/ft²
	N/mm	lb/ft	N/mm	lb/ft			
PP (Polypropylene)	34200	2343	-	-	+5 / +42.8	+90 / +194	8,9 - 1.82
PE (Polyethylene)	-	-	-	-	-	-	-
POM (Polyacetal)	-	-	-	-	-	-	-

Standard Belt Widths

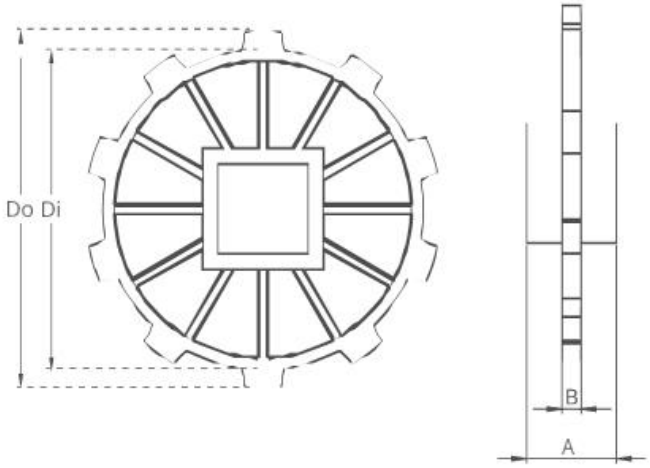
WIDTH (W)				BELT WIDTH TOLERANCE (max.)
PP-PE		POM		
mm	inch	mm	inch	
152,4	6.0	152,4	6.0	± 0,5 mm
228,6	9.0	228,6	9.0	± 2 mm
304,8	12.0	304,8	12.0	± 2 mm
381,0	15.0	381,0	15.0	± 2 mm
457,2	18.0	457,2	18.0	± 3 mm
533,4	21.0	533,4	21.0	± 3 mm
609,6	24.0	609,6	24.0	± 3 mm
685,8	27.0	685,8	27.0	± 3 mm
762,0	30.0	762,0	30.0	± 4 mm
838,2	33.0	838,2	33.0	± 4 mm
914,4	36.0	914,4	36.0	± 4 mm
990,6	39.0	990,6	39.0	± 5 mm
1066,8	42.0	1066,8	42.0	± 5 mm
1143,0	45.0	1143,0	45.0	± 5 mm

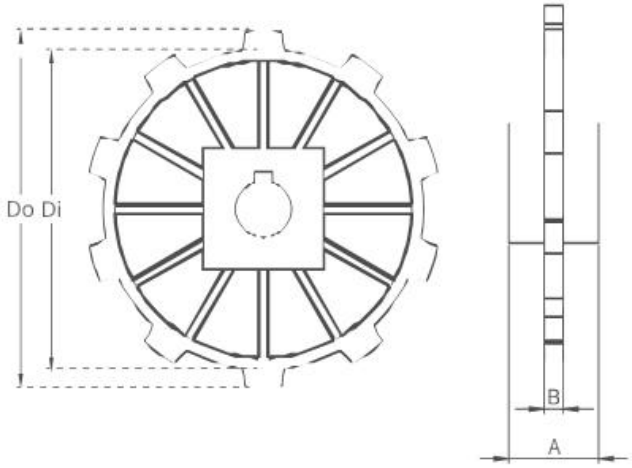


- Standard belt increments 76,2mm
- Non-standard belt increments 38.1mm

Please contact with customer service for precise belt measurements

Sprockets and Techincal Specifications





Standard Sprocket Dimensions

NUMBER OF 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)
Z8	109,0 / 4.29	125,0 / 4.92	9,0 / 0.35	40 / 1.57	40 / 1.5	25-30 / 1-1.25	FL-HP-508SQZ8	FL-HP-508SRZ8
Z10	142,0 / 5.59	159,0 / 6.22	9,0 / 0.35	40 / 1.57	40 / 1.5	25-30 / 1-1.25	FL-HP-508SQZ10	FL-HP-508SRZ10

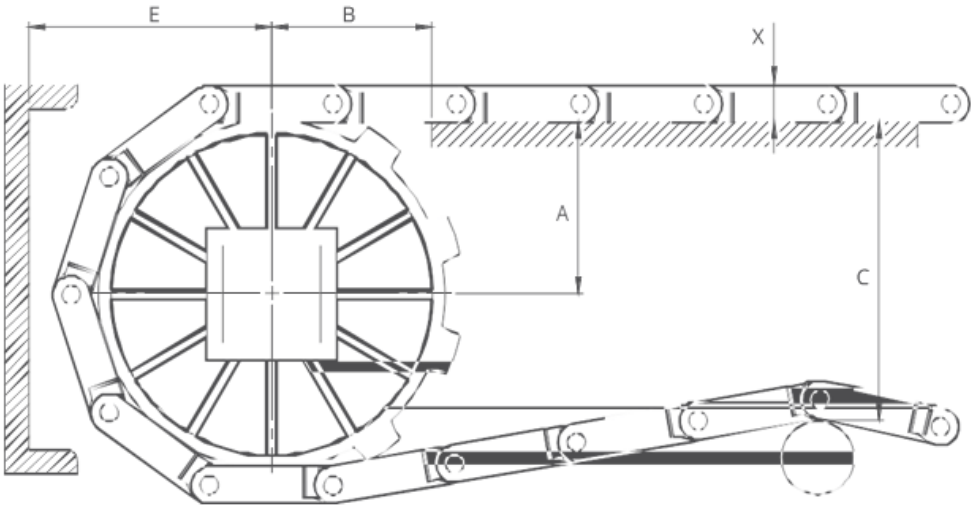
- Other sprockets and hub sizes are manufactured upon request
- POM (acetall) and PP (Polypropylene) sprockets are available upon request
- Machined split sprockets are available for each size

Clamp

Machines Split Sprocket

Moulded Sprocket

Machines Sprocket

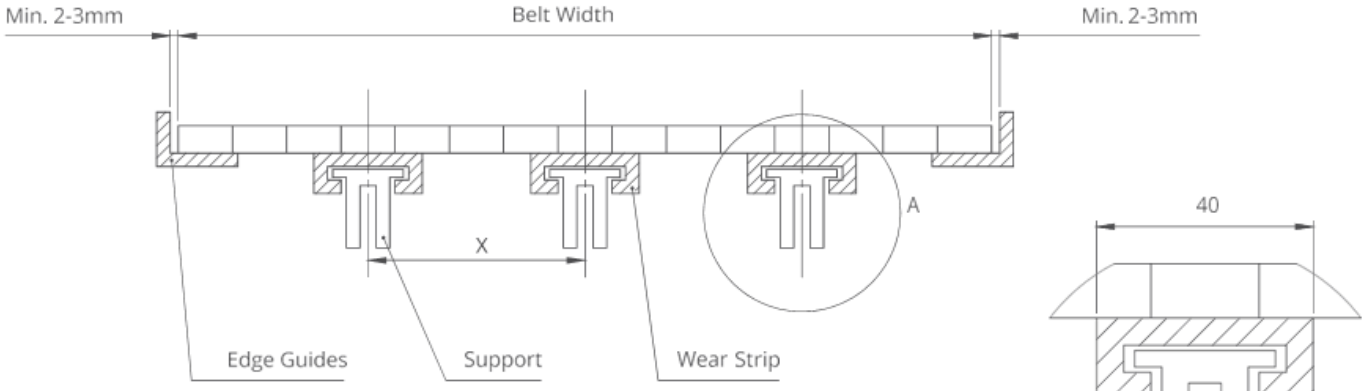


A - ± 0,031" (1mm)
B - ± 0,125" (3mm)
C - ± (Max.)
E - ± (Min.)

Conveyor Frame Dimensions

SPROCKETS DESCRIPTION			A		B		C		E		X	
Pitch Diameter		Number of teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm
inch	mm		inch	mm								
FabLink®HP50.8.C, FabLink®HP50.8.FG												
4.57	116.0	8	2.29	58.25	2.28	58.0	3.46	88.0	3.32	84.25	0.63	16.0
5.98	152.0	10	2.93	74.5	2.60	66.0	4.80	122.0	3.96	100.5	0.63	16.0
FabLink®HP50.8.RR												
4.57	116.0	8	2.29	58.25	2.28	58.0	3.78	96.0	3.63	92,25	0.94	24.0
5.98	152.0	10	2.93	74.5	2.60	66.0	5,12	130.0	4,27	108.5	0.94	24.0

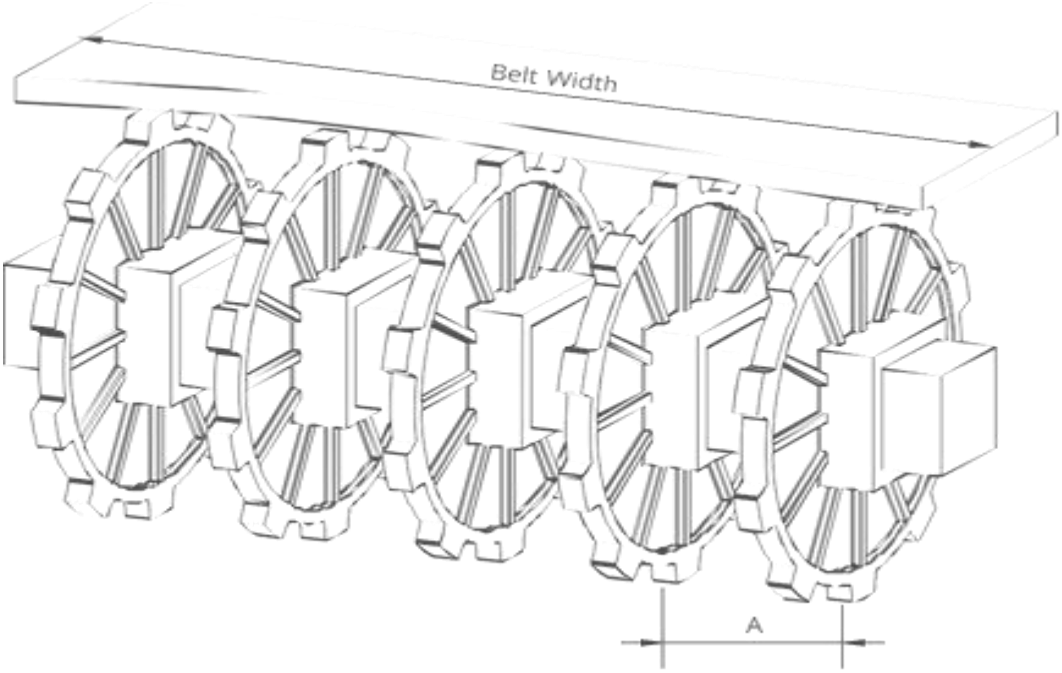
Slider Support System for Straight Running Belts



Detail A
Scale 1:1

Note: The max. distances between the wear strips have to be (X) ;

125 mm for 2" belts
80 mm for 1" / 0.5" belts



Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
152,4	6.0	2	2	60 / 2.36	150 / 5.9
228,6	9.0	2	2	60 / 2.36	150 / 5.9
304,8	12.0	3	2	60 / 2.36	150 / 5.9
381,0	15.0	3	3	60 / 2.36	150 / 5.9
457,2	18.0	3	3	60 / 2.36	150 / 5.9
533,4	21.0	4	3	60 / 2.36	150 / 5.9
609,6	24.0	4	3	60 / 2.36	150 / 5.9
685,8	27.0	5	3	60 / 2.36	150 / 5.9
762,0	30.0	5	4	60 / 2.36	150 / 5.9
838,2	33.0	6	4	60 / 2.36	150 / 5.9
914,4	36.0	6	4	60 / 2.36	150 / 5.9
990,6	39.0	6	4	60 / 2.36	150 / 5.9
1066,8	42.0	7	5	60 / 2.36	150 / 5.9
1143,0	45.0	7	5	60 / 2.36	150 / 5.9
1219,2	48.0	8	6	60 / 2.36	150 / 5.9
1295,4	51.0	8	6	60 / 2.36	150 / 5.9
1371,6	54.0	9	6	60 / 2.36	150 / 5.9
1447,8	57.0	9	7	60 / 2.36	150 / 5.9
1524,0	60.0	9	7	60 / 2.36	150 / 5.9

1600,2	63.0	10	7	60 / 2.36	150 / 5.9
1676,4	66.0	10	8	60 / 2.36	150 / 5.9
1752,6	69.0	11	8	60 / 2.36	150 / 5.9
1828,8	72.0	12	9	60 / 2.36	150 / 5.9
1905,0	75.0	12	9	60 / 2.36	150 / 5.9
1981,2	78.0	12	9	60 / 2.36	150 / 5.9
2057,4	81.0	13	10	60 / 2.36	150 / 5.9
2133,6	84.0	14	10	60 / 2.36	150 / 5.9
2209,8	87.0	14	10	60 / 2.36	150 / 5.9
2286,0	90.0	15	11	60 / 2.36	150 / 5.9
2514,6	99.0	15	11	60 / 2.36	150 / 5.9
2743,2	108.0	16	12	60 / 2.36	150 / 5.9
2971,8	117.0	17	13	60 / 2.36	150 / 5.9
3200,4	126.0	18	14	60 / 2.36	150 / 5.9
3429,0	135.0	19	15	60 / 2.36	150 / 5.9
3657,6	144.0	20	16	60 / 2.36	150 / 5.9
3810,0	150.0	21	17	60 / 2.36	150 / 5.9

Note: number of sprockets depends on belt load