FabLink®-MD50.8.FG

Bakery Applications

Oven Infeed/Outfeed, Cooling Lines, Coating Lines, Glazing Lines, Freezing Lines, Conditioning Lines

Sea Food Applications

Breading Machines, Draining Lines

Snack Food Applications

Proofer Lines, Boiler Infeed, Oven Infeed / Outfeed, Cooling Lines

Fruits and Vegetables Applications

Prewashing / Rinsing, Draining

Tire Manufacturing Applications

Mixer Infeed / Outfeed, Extrusion Shower Lines, Cooling Incline, Cooling Decline, Cooling Horizontal

FabLink®-MD50.8.FG

Pitch	50,8 mm / 2 inch
Belt surface	Open, Smooth surface
Minimum width	150 mm / 5.90 inch
Open Area (%)	34% (Biggest opening 6 x 19.8)
Sidewall	No
Pin	Ø 7 mm / 0,275 inch
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

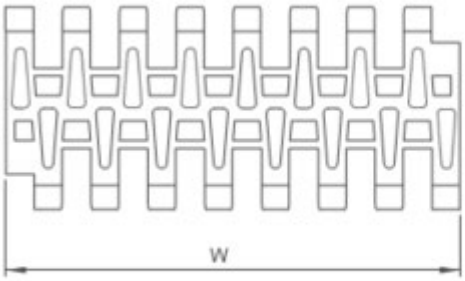
150 mm / 5.90 inch module

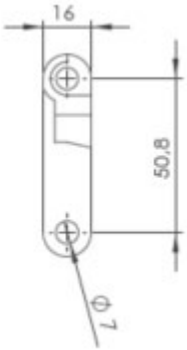
Technical Information

BELT MATERIAL	TENSILE STRENGTH				TEMPERATURE		BELT WEIGHT
	Straight		Curve		°C / ° F (min.)	°C / ° F (max.)	Kg/m² / lb/ft²
	N/mm	lb/ft	N/mm	lb/ft			
Polypropylene	28600	1959	-	-	+5 / +41	+90 / +194	6,8 / 1.39
Polyethylene	19800	1356	-	-	-73 / -99	+66 / +150.8	7,2 / 1.48
Acetal	38500	2637	-	-	-43 / -45	+110 / +230	10,2 / 2.09

Standard Belt Widths

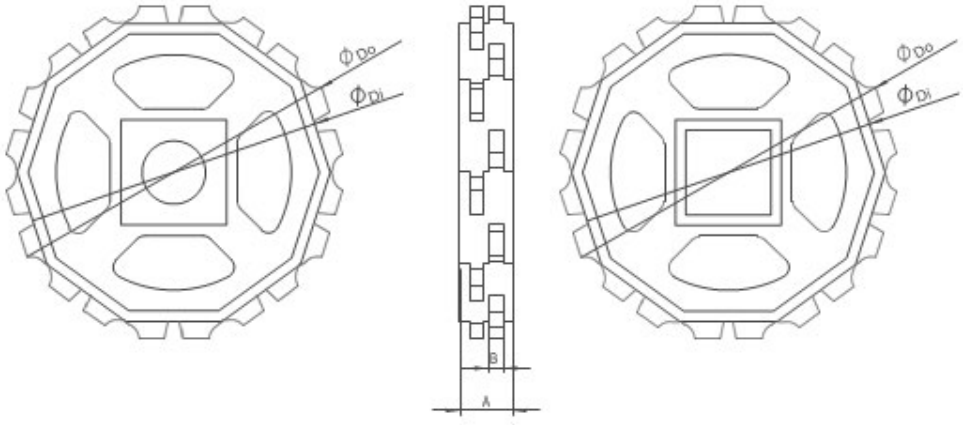
WIDTH (W)				BELT WIDTH TOLERANCE (max.)
PP-PE		POM		
mm	inch	mm	inch	
150,0	5,91	150,0	5,91	± 0,5 mm
225,0	8,86	225,0	8,86	± 2 mm
300,0	11,81	300,0	11,81	± 2 mm
375,0	14,76	375,0	14,76	± 2 mm
450,0	17,72	450,0	17,72	± 3 mm
525,0	20,67	525,0	20,67	± 3 mm
600,0	23,62	600,0	23,62	± 3 mm
675,0	26,57	675,0	26,57	± 3 mm
750,0	29,53	750,0	29,53	± 4 mm
825,0	32,48	825,0	32,48	± 4 mm
900,0	35,43	900,0	35,43	± 4 mm
975,0	38,38	975,0	38,38	± 5 mm
1050,0	41,34	1050,0	41,34	± 5 mm
1125,0	44,29	1125,0	44,29	± 5 mm





- Standard belt increments 75mm
- Non-standard belt increments 18,75mm
- Please contact with customer service for precise belt measurements

Sprockets and Technical 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	107,37 / 4,23	127,35 / 5,01	7 / 0,27	40 / 1,57	40 / 1,5	25-30 / 1-1.25	FL-MD-508SQZ8	FL-MD-508SQZ8
Z10	141,27 / 5,56	160,14 / 6,30	7 / 0,27	40 / 1,57	40-60 / 1,5-2,5	25-30 / 1-1.25	FL-MD-508SQZ10	FL-MD-508SQZ10
Z12	174,71 / 6,87	193,24 / 7,61	7 / 0,27	40 / 1,57	40-60 / 1,5-2,5	25-30 / 1-1.25	FL-MD-508SQZ12	FL-MD-508SQZ12

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

Clamp

Machines Split Sprocket

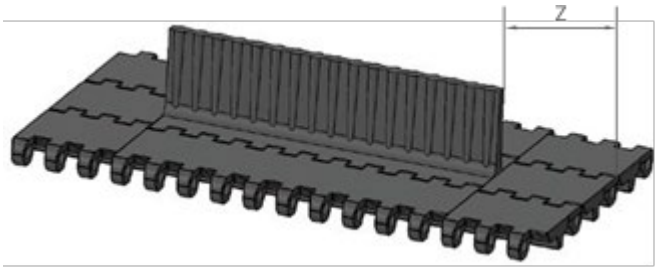
Moulded Sprocket

Machines Sprocket

Accessories and Technical Specifications

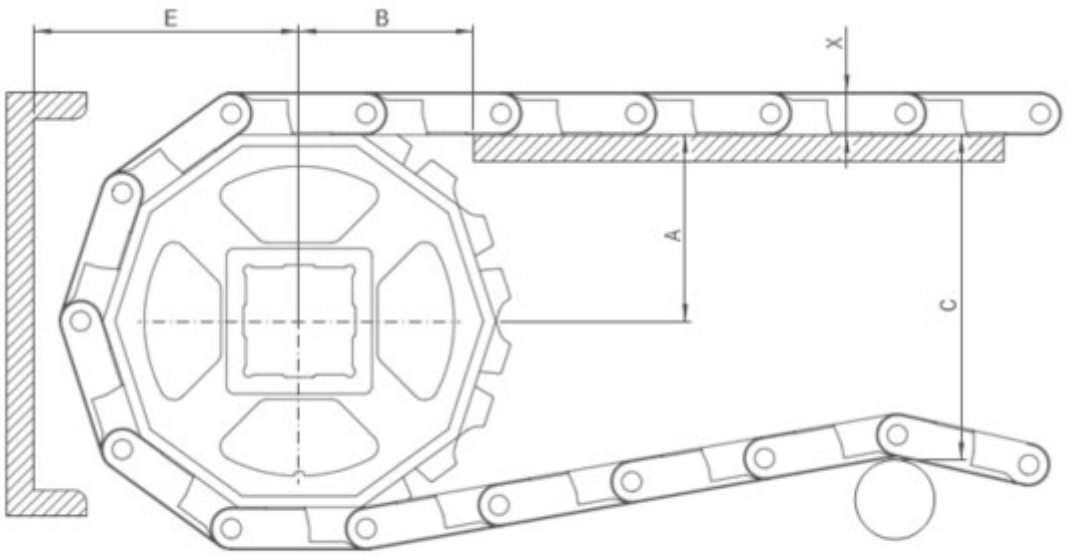
CLEATS				
Product code	Cleat Height (mm / **inch**)	Cleat Width (mm / **inch**)	Product code	Sidewall Height (mm / **inch**)
FL-MD-50.8.T50	50 / 2	150 / 5,9	-	-
FL-MD-50.8.T100	100 / 4	150 / 5,9	-	-
FL-MD-50.8.T150	150 / 6	150 / 5,9	-	-

POSSIBLE Cleat FREE ZONE	Z	
	mm	**inch**
Standard, module cutting	37,5	1,48
Standard, module cutting	56,0	2,20
Standard, no module cutting	75,0	2,95
Standard, module cutting	112,5	4,43



Non-standard Cleat is upon request.

Engineering Information

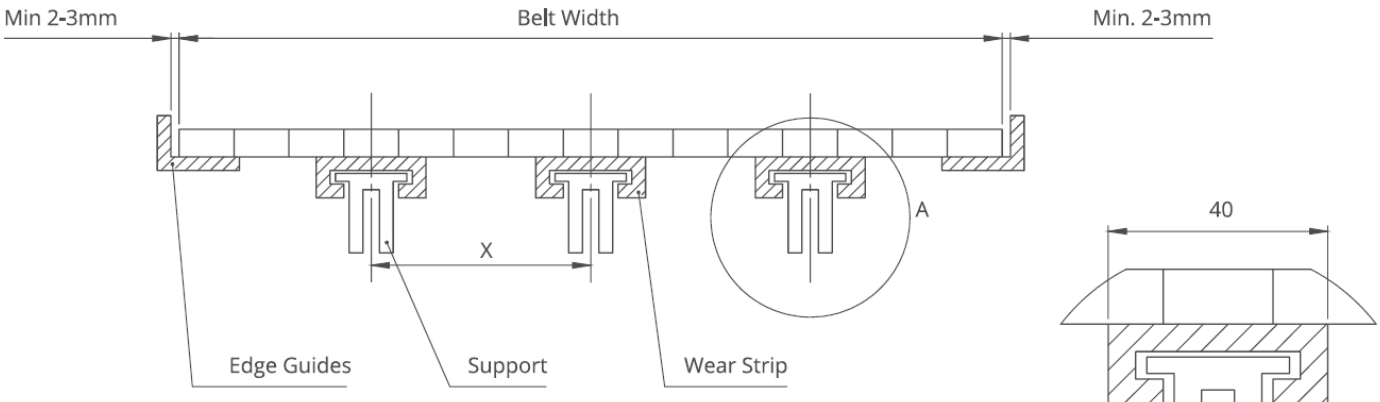


A - ± 0,031" (1mm) C - ± (Max.)
B - ± 0,125" (3mm) E - ± (Min.)

Conveyor Frame Dimensions

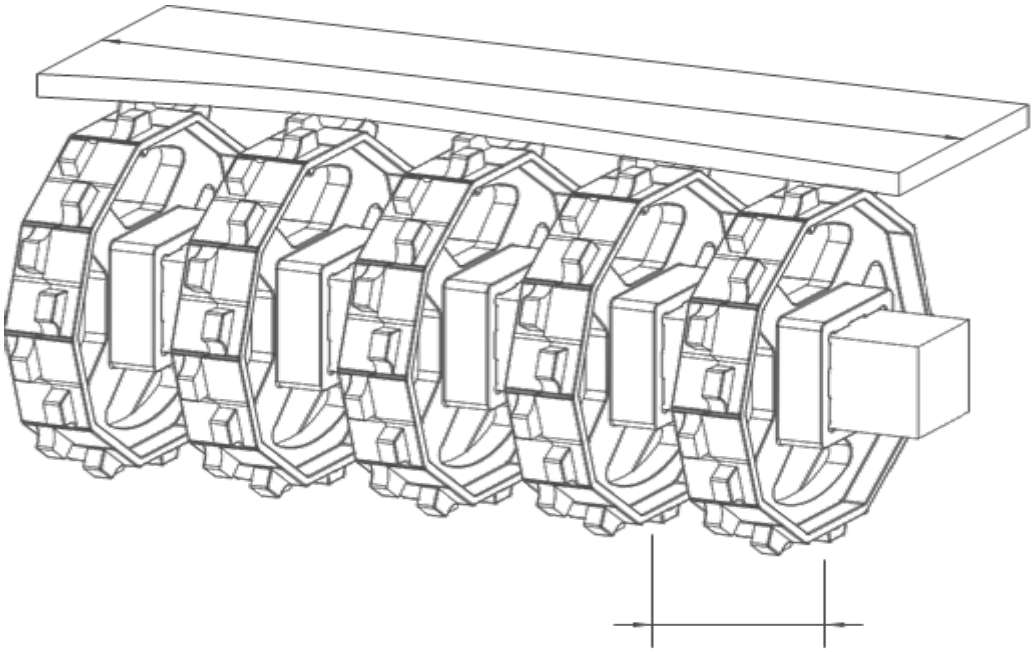
SPROCKETS DESCRIPTION			A		B		C		E		X	
Pitch Diameter		Number of teeth	Range (Bottom to Top)		inch	mm	inch	mm	inch	mm	inch	mm
inch	mm		inch	mm								
4.65	118,0	8	2.29	58,1	2.94	74,8	3.79	96,2	3.11	79,1	0.63	16,0
5.94	151,0	10	2.92	74,3	3.57	90,7	5.06	128,5	3.75	95,3	0.63	16,0
7.32	186,0	12	3.56	90,5	4.20	106,7	6.33	160,9	4.39	111,4	0.63	16,0

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



Sprockets Arrangement

Standard Belt Width		Number of sprockets per shaft		A (mm/inch)	
mm	inch	Drive Shaft	Return Shaft	Min.	Max.
150,0	5.90	2	2	60 / 2.36	150 / 5.9
225,0	8.86	3	2	60 / 2.36	150 / 5.9
300,0	11.81	3	3	60 / 2.36	150 / 5.9
375,0	14.76	4	3	60 / 2.36	150 / 5.9
450,0	17.72	4	3	60 / 2.36	150 / 5.9
525,0	20.67	5	4	60 / 2.36	150 / 5.9
600,0	23.62	5	4	60 / 2.36	150 / 5.9
675,0	26.57	6	5	60 / 2.36	150 / 5.9
750,0	29.53	6	5	60 / 2.36	150 / 5.9
825,0	32.48	6	5	60 / 2.36	150 / 5.9
900,0	35.43	7	6	60 / 2.36	150 / 5.9
975,0	38.39	8	7	60 / 2.36	150 / 5.9
1050,0	41.34	9	7	60 / 2.36	150 / 5.9
1125,0	44.29	10	8	60 / 2.36	150 / 5.9
1200,0	47.24	11	8	60 / 2.36	150 / 5.9
1275,0	50.20	12	9	60 / 2.36	150 / 5.9
1350,0	53.15	13	10	60 / 2.36	150 / 5.9
1425,0	56.10	14	10	60 / 2.36	150 / 5.9
1500,0	59.06	15	11	60 / 2.36	150 / 5.9
1575,0	62.00	16	12	60 / 2.36	150 / 5.9

Note: number of sprockets depends on belt load