



FabLink[®]-SM12.7.CRV

Seafood

Control Table, Glazing and Metal Detector

Bakery

Divider, Oven Infeed-Outfeed, Cooling Lines, Coating-Glazing Lines, Freezing Lines, Metal Detector, Spiral Infeed-Outfeed, Conditioning Lines

Meat

Transfer-Crossover Conveyance, Shrink Wrapping and Metal Detectors, Freezing Lines

Fruits and Vegetables

Sterilization Conveyance, Draining and Metal Detector

Snack Food

Cooling Lines

Packaging

Check Weighs, Filling, Metal Detector, Palletizing-Depalletizing, Box Transport Horizontal

FabLink®-SM12.7.CRV

Pitch	12,7 mm / 0,5 inch
Belt surface	open, Curve top surface
Minimum width	152,4mm / 6.00 inch
Open Area (%)	22% (Biggest opening 3,6 x 8,1 mm)
Cleat	No
Sidewall	No
Pin	Ø 4,4 mm / 0,173 inch Self lock
Approved	FDA and EU
Curve	No
Color	Additional colors available
Cleanability	Excellent
Belt thickness	8,6 mm / 0,338 inch



Product Features and Functional Benefits

Curved top decreases contact area to reduce cooling and freezing time.
 Belt provides optimal open area for drainage and airflow.
 Less friction and product contact for easy cooking, cooling and freezing of products.
 Reduced dirt and oxide build due to self cleaning surface

Available Moulded Module Sizes

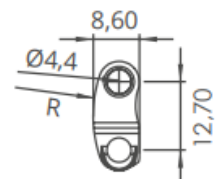
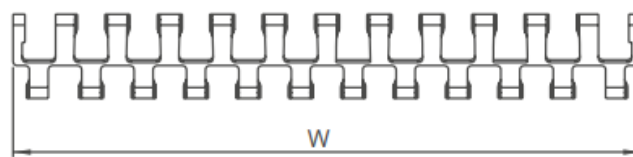
152,4 mm / 6 inch module

Technical Information

BELT MATERIAL	TENSILE STRENGTH				TEMPERATURE		BELT WEIGHT Kg/m ² / lb/ft ²
	Straight		Curve		°C / ° F (min.)	°C / ° F (max.)	
	N/mm	lb/ft	N/mm	lb/ft			
PP (Polypropylene)	12845	880	-	-	+5 / +41	+90 / +194	4,4 / 0,91
PE (Polyethylene)							
Acetal	22475	1540	-	-	-43 / -45	+110 / +230	6,3 / 1,30

Standard Belt Widths

WIDTH (W)				BELT WIDTH TOLERANCE (max.)
PP-PE		POM		
mm	inch	mm	inch	
152,4	6,0	152,4	6,0	± 1 mm
228,6	9,0	228,6	9,0	± 1 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	± 2 mm
533,4	21,0	533,4	21,0	± 2 mm
609,6	24,0	609,6	24,0	± 2 mm
685,8	27,0	685,8	27,0	± 2 mm
762,0	30,0	762,0	30,0	± 2 mm
838,2	33,0	838,2	33,0	± 3 mm
914,4	36,0	914,4	36,0	± 3 mm
990,6	39,0	990,6	39,0	± 3 mm
1066,8	42,0	1066,8	42,0	± 3 mm
1143,0	45,0	1143,0	45,0	± 3 mm

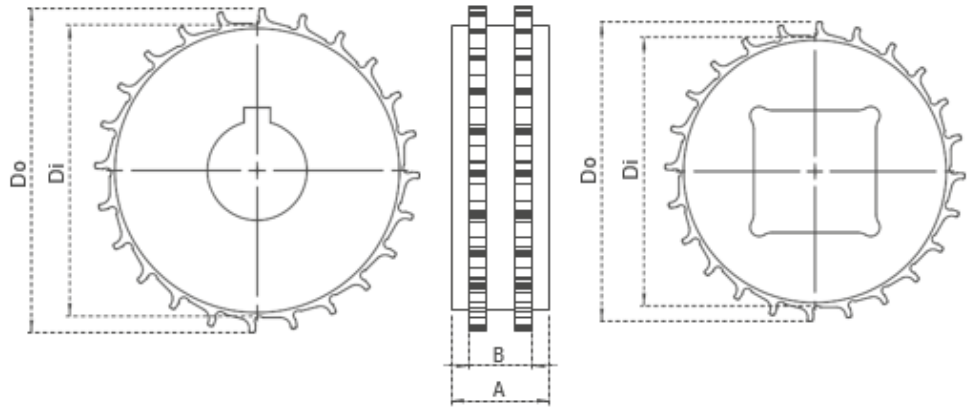


- Standard belt increments 76,2mm
- Non-standard belt increments 12,7mm
- Please contact with customer service for precise belt measurements

Sprockets and Technical Specifications



Z23



Standard Sprocket Dimensions

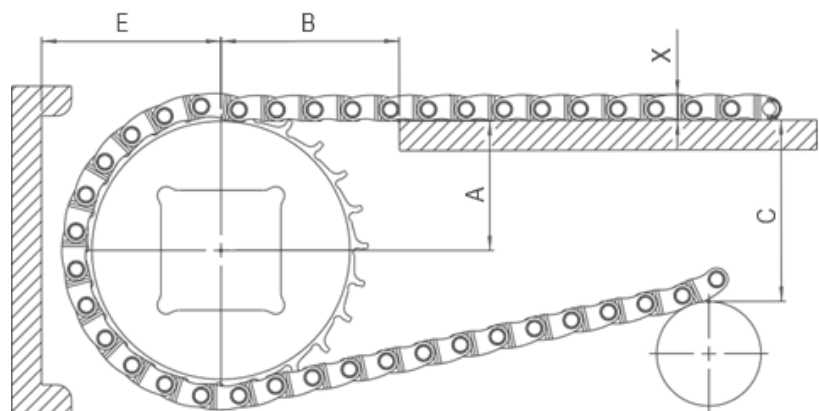
NUMBER OF TEETH	Di mm / inch	Do mm / inch	B mm / inch	A mm / inch	Square Bore (Q) mm / inch	Round Bore (R) mm / inch	PRODUCT CODE	
							Square Type (Q)	Round Type (R)
Z15	51,8 / 2,03	61,9 / 2,44	19 / 0,75	30 / 1.18	25 / 1	25-30 / 1-1.25	FL-SM-127SQZ15	FL-SM-127SRZ15
Z19	68,1 / 2,68	78,2 / 3,08	19 / 0,75	30 / 1.18	25-40 / 1-1,5	25-30 / 1-1.25	FL-SM-127SQZ19	FL-SM-127SQZ19
Z24	88,4 / 3,88	98,5 / 3,88	19 / 0,75	30 / 1.18	25-40 / 1-1,5	25-30 / 1-1.25	FL-SM-127SQZ24	FL-SM-127SQZ24
Z28	104,7 / 4,49	114,7 / 4,52	19 / 0,75	30 / 1.18	25-40 / 1-1,5	25-30 / 1-1.25	FL-SM-127SQZ28	FL-SM-127SQZ28
Z36	137,1 / 5,39	147,1 / 5,79	19 / 0,75	30 / 1.18	25-40 / 1-1,5	25-30 / 1-1.25	FL-SM-127SQZ36	FL-SM-127SQZ36

*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

Engineering Information

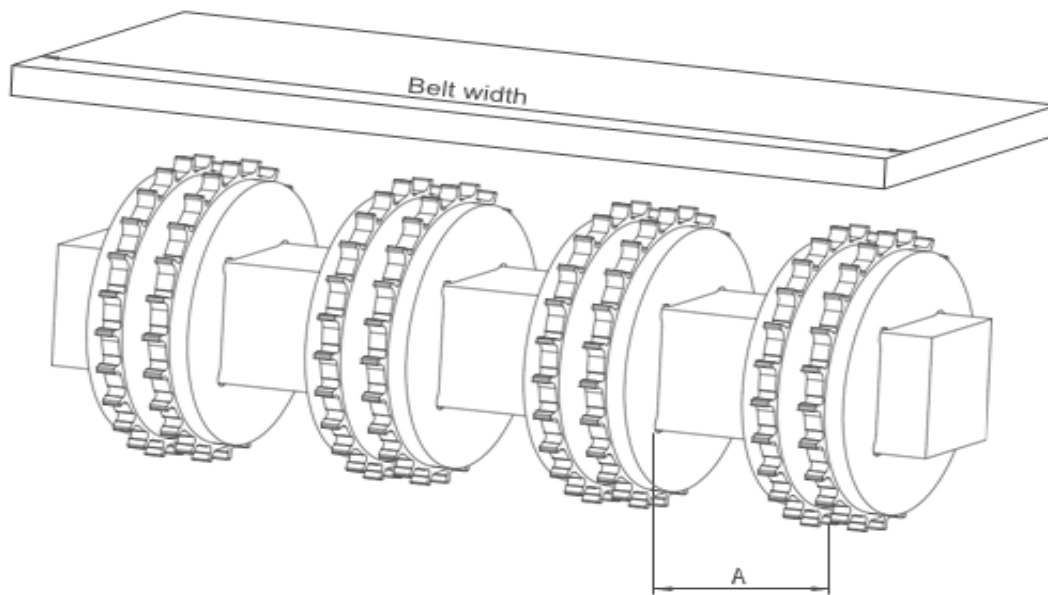


A - ± 0,031" (1mm)
B - ± 0,125" (3mm)

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								
2.30	58,3	15	1.10	27,9	1.19	30,2	1.89	48,1	1.49	37,9	0.30	7,6
2.99	75,9	19	1.39	35,3	1.54	39,0	2.58	65,5	1.84	46,7	0.30	7,6
3.85	97,8	24	1.76	44,6	1.96	49,9	3.41	86,5	2.27	57,7	0.30	7,6
4.54	115,4	28	2.05	52,1	2,31	58,7	4.06	103,2	2.62	66,5	0.30	7,6
5.93	150,5	36	2.63	66,9	3.00	76,2	5.48	139,1	3.31	84,1	0.30	7,6



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	170 / 6,6
228,6	9,0	2	2	60 / 2,36	170 / 6,6
304,8	12,0	3	2	60 / 2,36	170 / 6,6
381,0	15,0	4	3	60 / 2,36	170 / 6,6
457,2	18,0	5	3	60 / 2,36	170 / 6,6
533,4	21,0	5	3	60 / 2,36	170 / 6,6
609,6	24,0	6	3	60 / 2,36	170 / 6,6
685,8	27,0	6	4	60 / 2,36	170 / 6,6
762,0	30,0	7	4	60 / 2,36	170 / 6,6
838,2	33,0	7	4	60 / 2,36	170 / 6,6
914,4	36,0	8	4	60 / 2,36	170 / 6,6
990,6	39,0	8	5	60 / 2,36	170 / 6,6
1066,8	42,0	9	5	60 / 2,36	170 / 6,6
1143,0	45,0	9	5	60 / 2,36	170 / 6,6
1219,2	48,0	10	5	60 / 2,36	170 / 6,6
1295,4	51,0	10	6	60 / 2,36	170 / 6,6
1371,6	54,0	11	7	60 / 2,36	170 / 6,6
1447,8	57,0	11	7	60 / 2,36	170 / 6,6
1524,0	60,0	12	7	60 / 2,36	170 / 6,6
1600,2	63,0	12	8	60 / 2,36	170 / 6,6
1676,4	66,0	12	8	60 / 2,36	170 / 6,6
1752,6	69,0	13	8	60 / 2,36	170 / 6,6
1828,8	72,0	14	9	60 / 2,36	170 / 6,6
1905,0	75,0	14	9	60 / 2,36	170 / 6,6
1981,2	78,0	15	10	60 / 2,36	170 / 6,6
2057,4	81,0	15	10	60 / 2,36	170 / 6,6

Note: number of sprockets depends on belt load