



XP254 EVO CR

Corrugated Belt Series

Corrugated Cardboard Applications

Down Stackers, Corrugator Take Off, Strap Feed

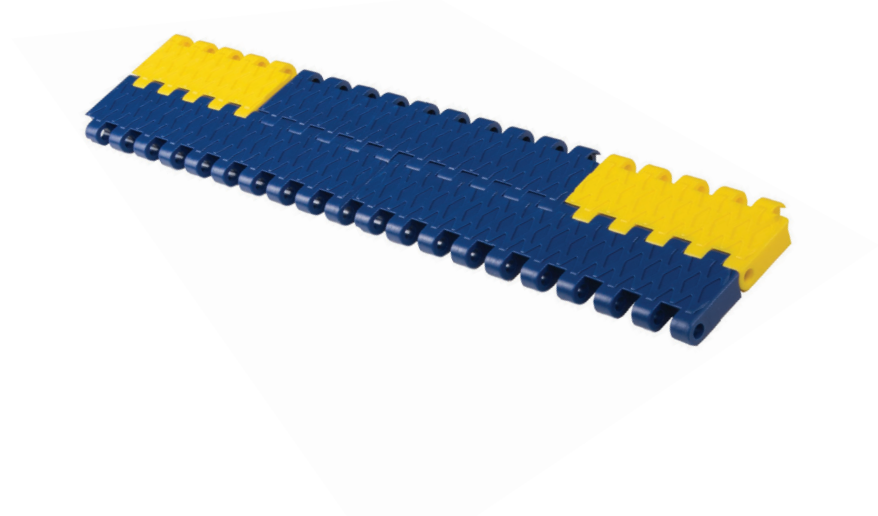


**Safety first because
Modutech cares about you!**

Non-Skid surface offers safety through walking
for corrugated industry.

XP254 EVO CR

Pitch:	25,4 mm / 1 inch
Belt Surface:	Close, Non Slip Surface
Minimum Width:	76,2 mm / 3 inch
Open Area (%):	0%
Flight:	No
Sidewall:	No
Pin:	Ø4,5mm / 0.177 inch - Self Lock
Approved:	No
Color:	Blue / Gray / Yellow / Red
Cleanability:	Good
Belt Thickness:	9,3 mm / 0.366 inch



XP254 EVO CR Technical Information

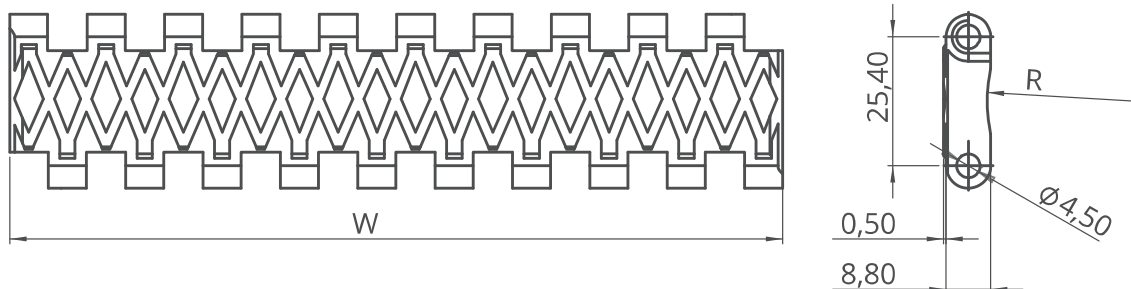
Belt Material	POM	
Pin Material	PA	
Belt Strength	N/m lb/ft	40250 - 2758
Temperature	°C °F	-40 / +93 -40 / +200
Belt Weight	kg/m ² lb/sqft ²	8.1 / 1.67

50mm Single Module Available.



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
50	2	50	2	100	4	-	-	-	-

Belt Width mm	50,0	76,2	152,4	228,6	304,8	381,0	457,20	533,4	609,6	685,8	762,0	838,2	914,4	990,6	1066,8	1143,0	1219,2	1295,4	1371,6
Belt Width inch	1.97	3.00	6.00	9.00	12.00	15.00	18.00	21.00	24.00	27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00	51.00	54.00
Belt Width mm	1447,8	1524,0																	
Belt Width inch	57.00	60.00																	



Product Features and Functional Benefits

- Chamfered belt edges.
- Reinforced bottom surface - higher product load and longer conveyors.
- Unique sprocket engagement reduces pulsation and increases load capacity.
- Close transfer applications.
- Extra power, bi-directional belt for long conveyors.
- Safety walking top surface.

Important Notes

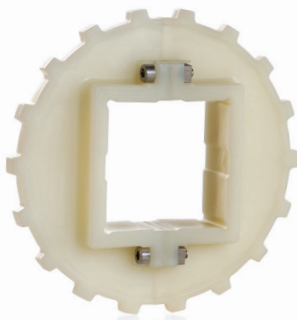
- Standard belt increments 76,2 mm.
- Please contact with customer service for precise belt measurements.
- Physical belt widths are generally 0.1% to 0.3% bigger.
- Special raw materials and additional colors available.

XP254 Corrugated Belt Series

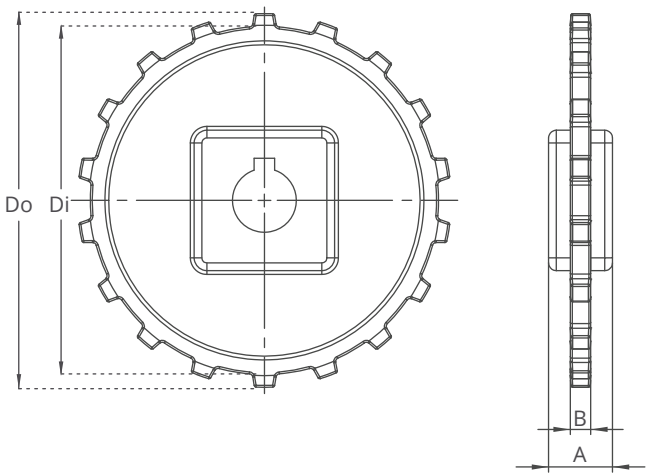
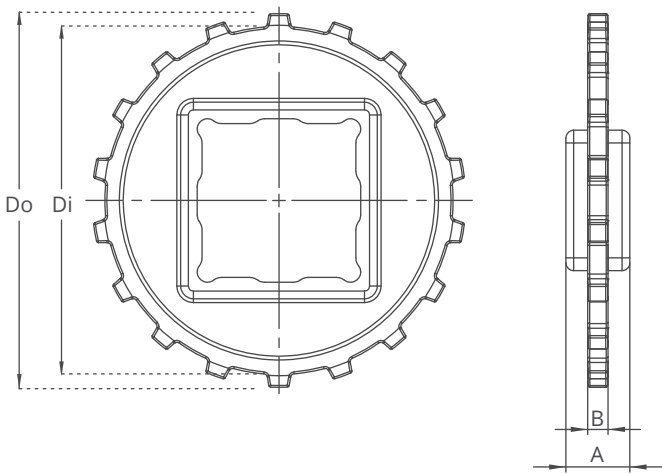
Sprockets and Technical Specifications



Z18



Z18



XP254 Corrugated Belt Series / Standard Sprockets Dimensions



Split molded sprockets are available for the products with "Red" font color.

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)
Z8	53,2 / 2.09	64,0 / 2.52	8 / 0.31	25 / 0.98	25	-	25-30	1-1.25	XP254SQZ8*PA	XP254SRZ8*PA
Z10	71,5 / 2.82	81,2 / 3.2	8 / 0.31	25 / 0.98	25-40	1-1.5	25-30	1-1.25	XP254SQZ10*PA	XP254SRZ10*PA
Z12	88,1 / 3.50	98,1 / 3.86	8 / 0.31	25 / 0.98	40	1.5	25-30	1-1.25	XP254SQZ12*PA	XP254SRZ12*PA
Z15*	112,8 / 4.44	122,4 / 4.82	8 / 0.31	25 / 0.98	40-60	1.5-2.5	25-30	1-1.25	XP254SQZ15*PA	XP254SRZ15*PA
Z18*	136,4 / 5.37	146,4 / 5.76	8 / 0.31	25 / 0.98	40-60	1.5-2.5	25-30	1-1.25	XP254SQZ18*PA	XP254SRZ18*PA

*Other sprockets and hub sizes are manufactured up to request. *POM (Acetal) and PP (Polypropylene) sprockets raw material is available on request.

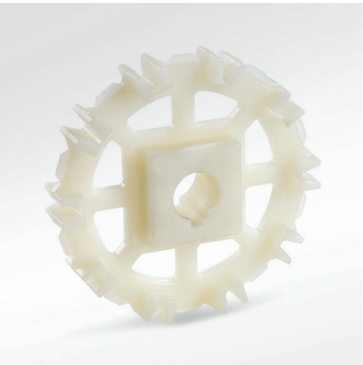
*Machined Split Sprockets are available for each size.



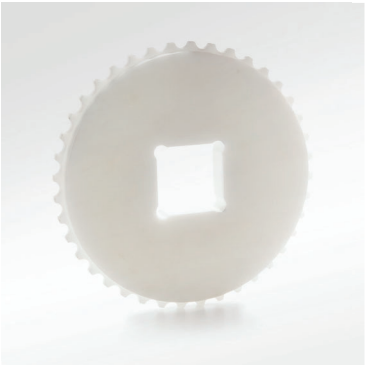
Clamp



Machined Split Sprocket



Moulded Sprocket



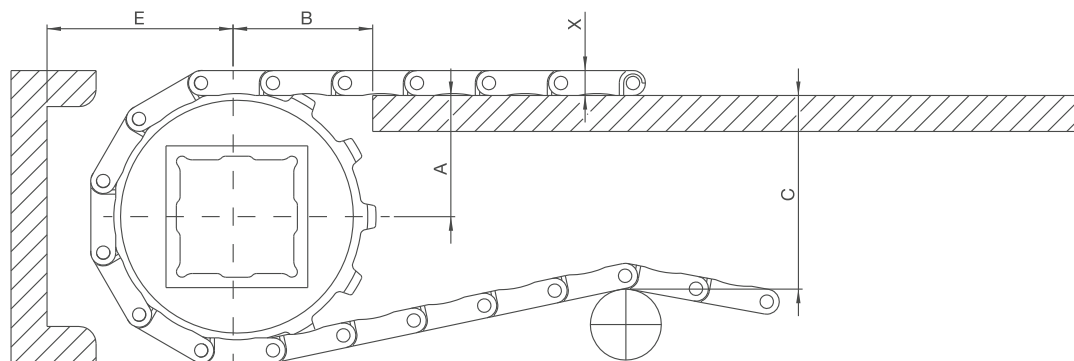
Machined Sprocket

XP254 Corrugated Belt Series

Engineering Information

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

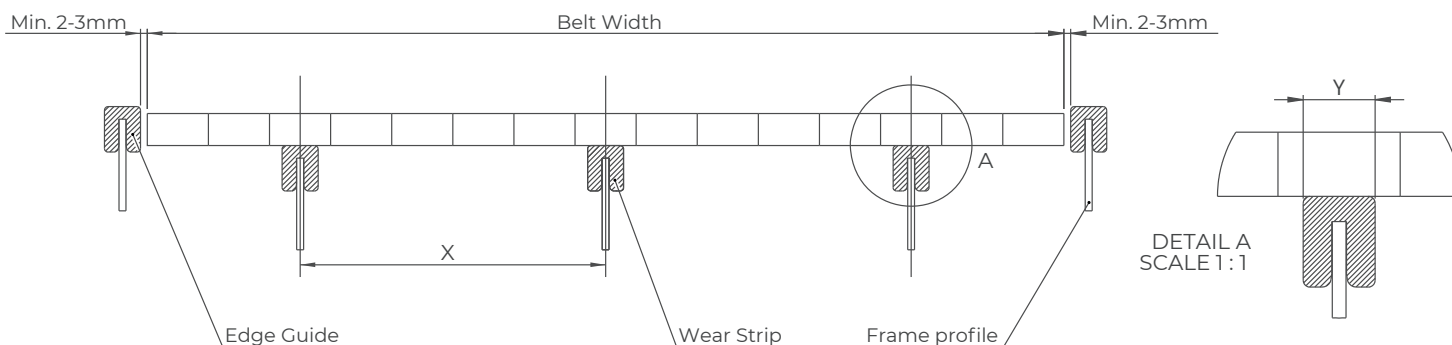
C - $\pm$ (Max.)
E - $\pm$ (Min.)



XP254 Corrugated Belt 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								
XP254 EVO FLT, XP254 Q FLT												
2.32	59,0	8	1.17	29,8	1.43	36,5	1.94	49,3	1.91	48,6	0.35	8,8
2.99	76,0	10	1.47	37,0	1.69	42,9	2.57	65,4	2.21	56,2	0.35	8,8
3.59	91,2	12	1.79	45,5	1.86	47,3	3.19	81,1	2.53	64,3	0.35	8,8
4.65	118,0	15	2.22	56,3	2.13	54,1	4.15	105,3	2.96	75,1	0.35	8,8
5.67	144,0	18	2.71	69,0	2.31	58,7	5.16	131,0	3.45	87,8	0.35	8,8
XP254 EVO CR												
2.32	59,0	8	1.17	29,8	1.44	36,5	1.94	49,3	1.91	48,6	0.37	9,3
2.99	76,0	10	1.47	37,0	1.69	42,9	2.57	65,4	2.21	56,2	0.37	9,3
3.59	91,2	12	1.79	45,5	1.86	47,3	3.19	81,1	2.53	64,3	0.37	9,3
4.65	118,0	15	2.22	56,3	2.13	54,1	4.15	105,3	2.96	75,1	0.37	9,3
5.67	144,0	18	2.71	69,0	2.31	58,7	5.16	131,0	3.45	87,8	0.37	9,3
XP254 LCR												
2.32	59,0	8	1.17	29,8	1.44	36,5	1.94	49,3	1.91	48,6	0.33	8,4
2.99	76,0	10	1.47	37,0	1.69	42,9	2.57	65,4	2.21	56,2	0.33	8,4
3.59	91,2	12	1.79	45,5	1.86	47,3	3.19	81,1	2.53	64,3	0.33	8,4
4.65	118,0	15	2.22	56,3	2.13	54,1	4.15	105,3	2.96	75,1	0.33	8,4
5.67	144,0	18	2.71	69,0	2.31	58,7	5.16	131,0	3.45	87,8	0.33	8,4

XP254 Corrugated Belt Series / Slider Support System For Straight Running Belts



Note: The distances between the carryway wear strips (X) may be changed to due to operation conditions and transported load. In general, we recommend;

100-200mm for 2" belts
100-145mm for 1"belts
100-145mm for 0,5" belts
70-120mm for 0,3" belts

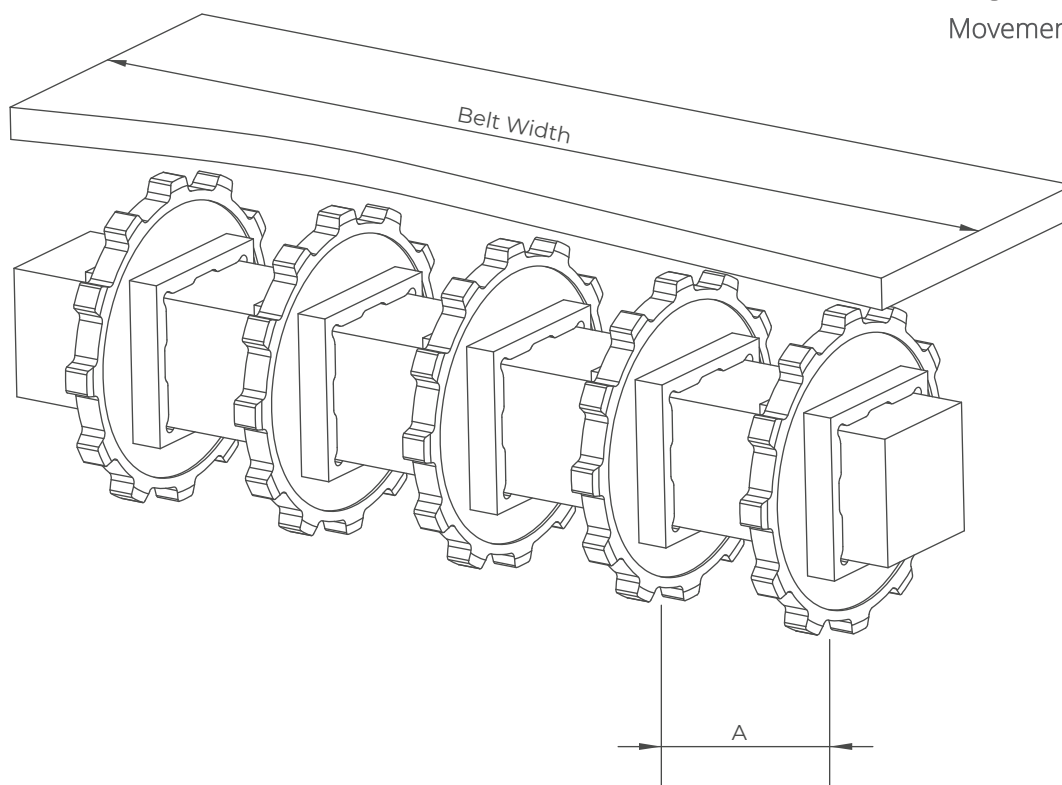
For specific applications, please contact with Modutech representatives.

XP254 Corrugated Belt Series

Engineering Information



MODUTECH[®]
Movement Technologies



XP254 Corrugated Belt Series / 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 the belt load.

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