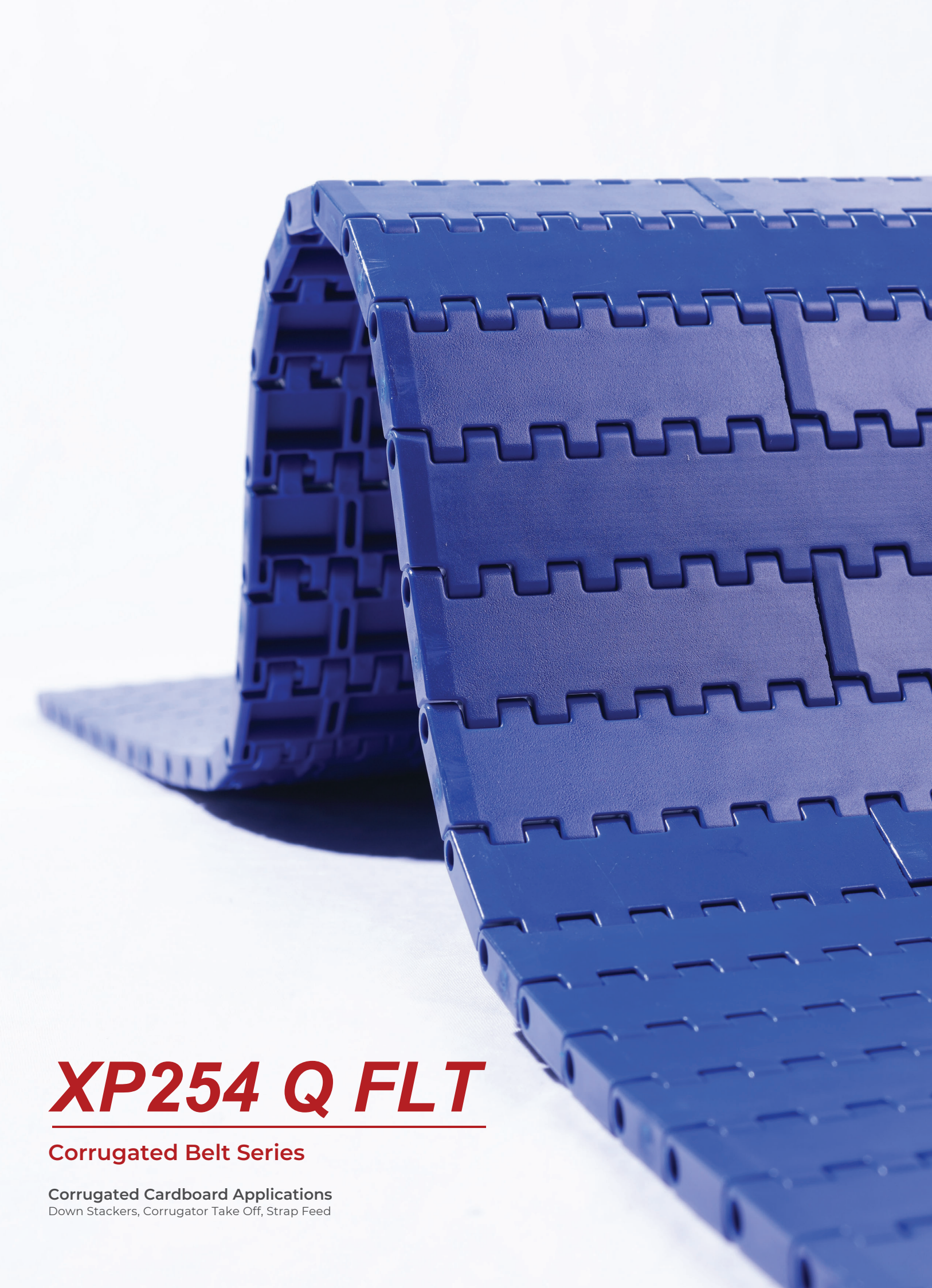




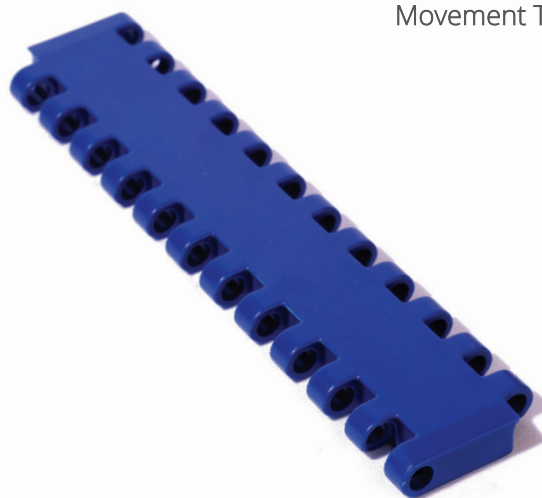
XP254 Q FLT

Corrugated Belt Series

Corrugated Cardboard Applications
Down Stackers, Corrugator Take Off, Strap Feed

XP254 Q-FLT

Pitch:	25,4 mm / 1 inch
Belt Surface:	Close, Smooth Surface
Minimum Width:	152,4 mm / 6.0 inch
Open Area (%):	0%
Flight:	No
Sidewall:	No
Pin:	Ø 5 mm / 0.19 inch - Self Lock
Approved:	No
Color:	Blue / White / Gray
Cleanability:	Good
Belt Thickness:	8,8 mm / 0.346 inch



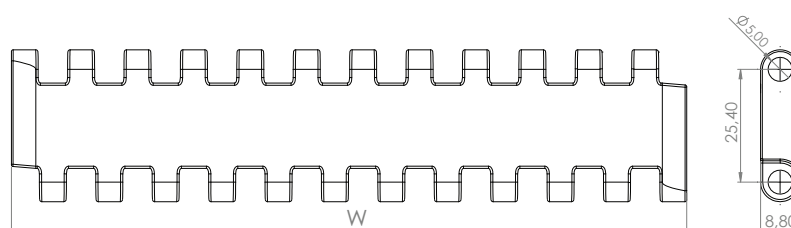
XP254 Q-FLT Technical Information

Belt Material		POM	POM
Pin Material		PA	POM
Belt Strength	N/m lb/ft	35000 - 2400	35000 - 2400
Temperature	°C °F	-40 / 93 -40 / +200	-40 / 93 -40 / +200
Belt Weight	kg/m ² lb/sqft ²	8,6 / 1.8	8,6 / 1.8

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	40	1.57	100	4	-	-	-	-

Belt Width mm	152,4	228,6	304,8	381,0	457,2	533,4	609,6	685,8	762,0	838,2	914,4	990,6	1066,8
Belt Width inch	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

Special Belt Edge



Product Features and Functional Benefits

- Flat top surface.
- Special belt edge for smooth product transfer.
- Unique sprocket engagement.

Important Notes

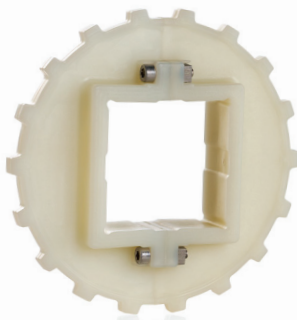
- Standard belt width increments 76,2 mm.
- Please contact with customer service for precise belt measurements.
- Special raw materials and additional colors available.
- For POM material up to 750 mm (30") -3.0 mm to 0.0 mm and -0.40% to -0.35% for wider belts.

XP254 Corrugated Belt Series

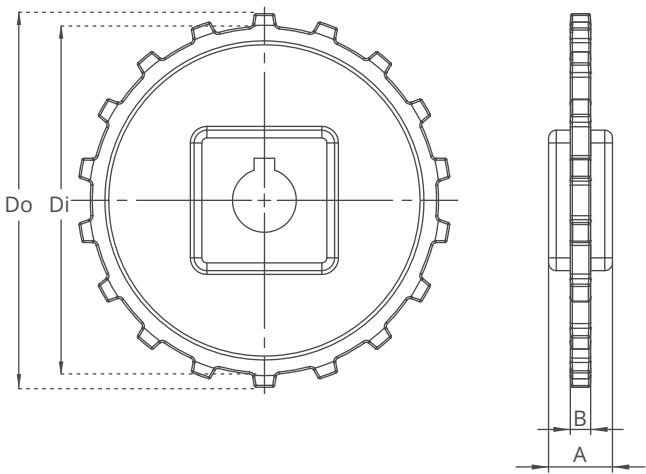
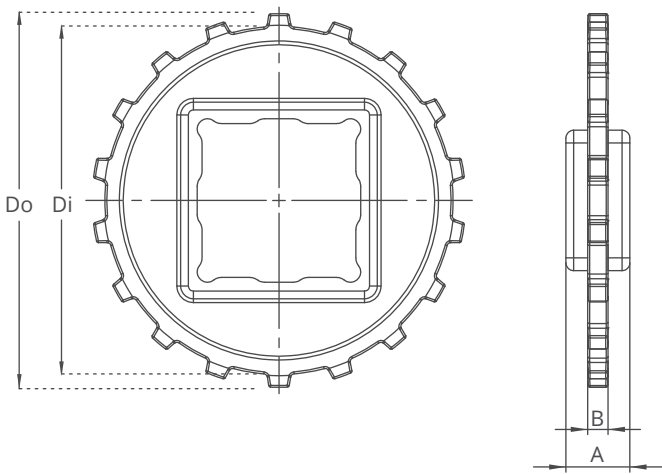
Sprockets and Technical Specifications



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.

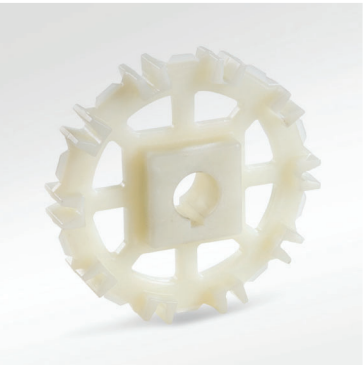
*Machined Split Sprockets are available for each size.



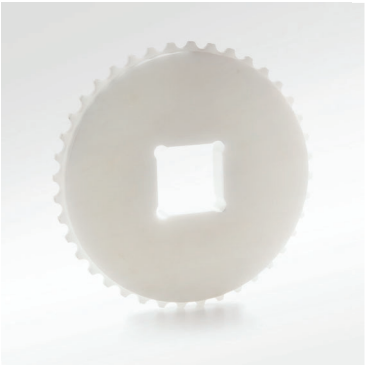
Clamp



Machined Split Sprocket



Moulded Sprocket

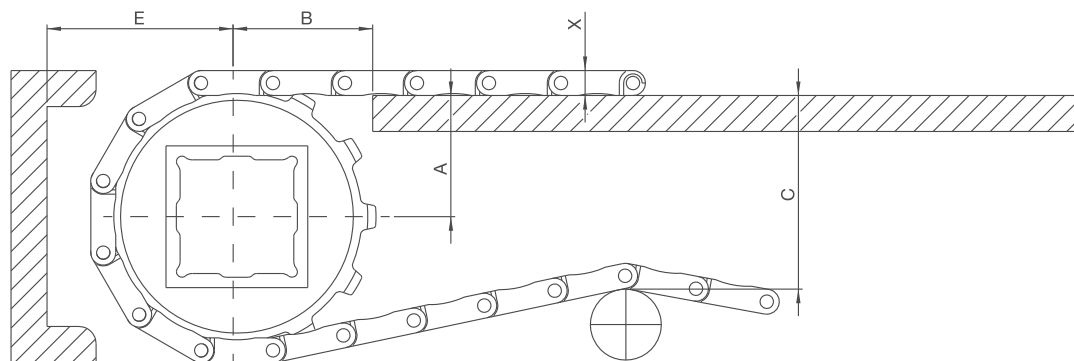


Machined Sprocket

XP254 Corrugated Belt Series

Engineering Information

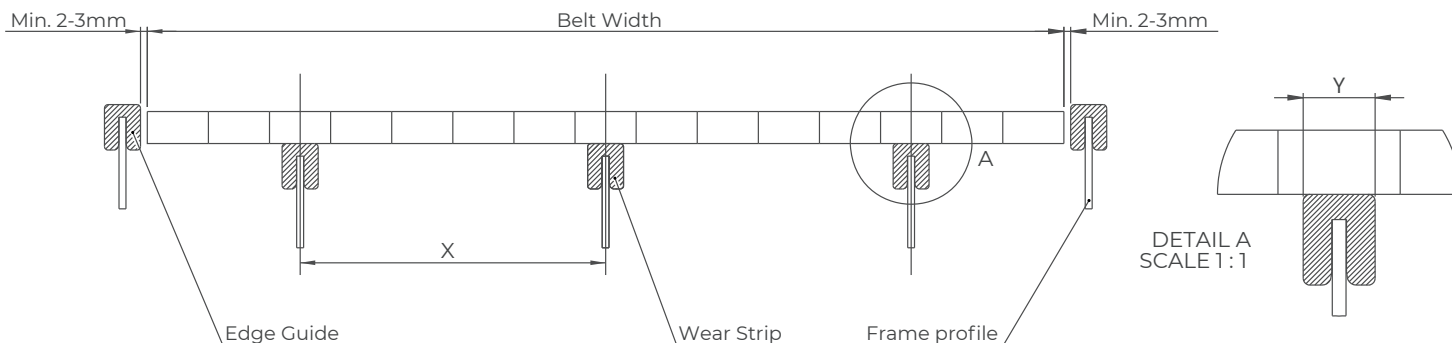
A - $\pm 0,031"$ (1mm)
B - $\pm 0,125"$ (3mm)
C - $\pm$ (Max.)
E - $\pm$ (Min.)



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

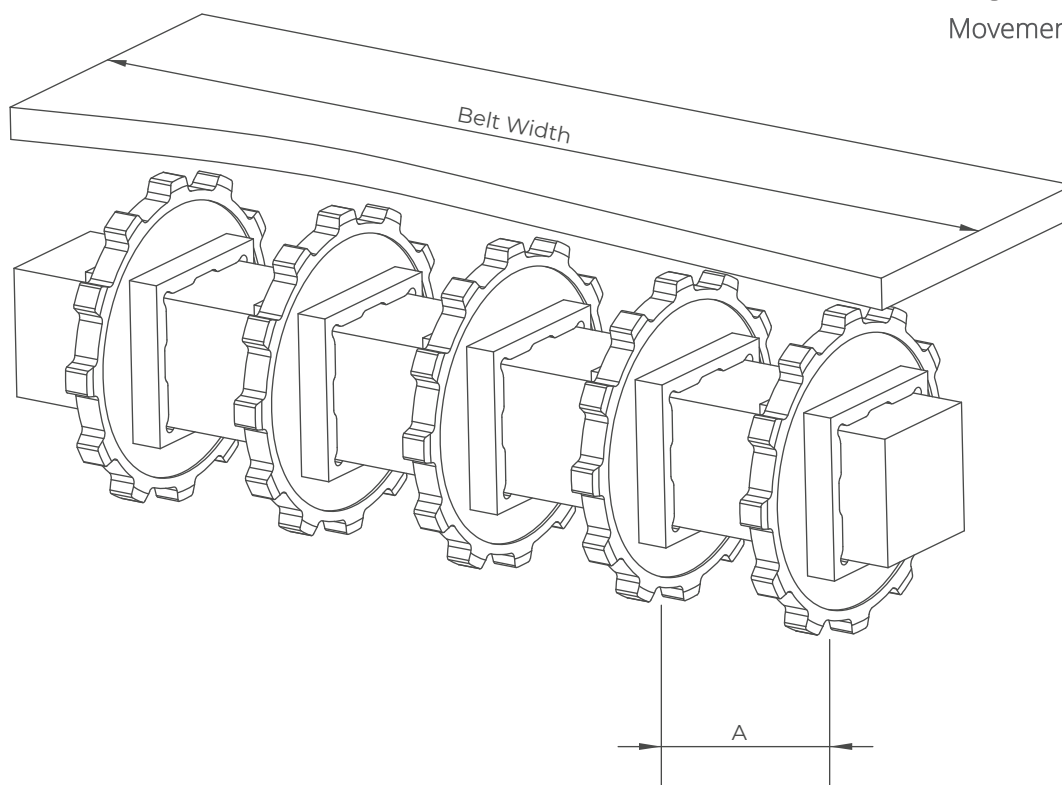
For specific applications, please contact with Modutech representatives.

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.

www.modutech.com.tr