



MODUTECH®
Movement Technologies

HD635 C

Pitch:	63,50 mm / 2.5 inch
Belt Surface:	Close, Smooth Surface
Minimum Width:	100 mm / 3.94 inch
Open Area (%):	0%
Flight:	No
Sidewall:	No
Pin:	Ø10 mm / 0.394 inch - Stainless Steel
Approved:	No
Color:	Black
Cleanability:	Good
Belt Thickness:	30 mm / 1.18 inch

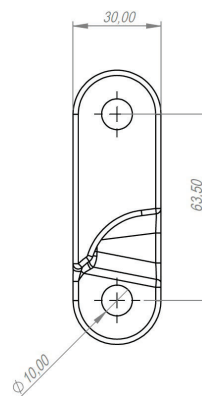
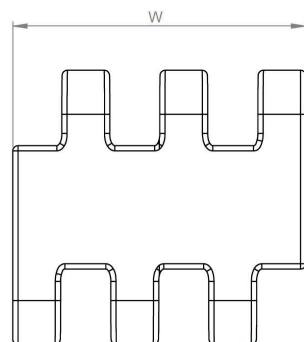


HD635 C Technical Information

Belt Material		POM-NL
Pin Material		SS
Belt Strength	N/m lb/ft	100000 - 6852
Temperature	°C °F	-40 / +93 -40 / +200
Belt Weight	kg/m² lb/sqft²	35.4 / 7.24

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 (min.)		Backbending radius for elevators with side guards or hold down devices (min.)	
mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
100	3.94	100	3.94	200	7.87	-	-	-	-

Belt Width mm	100
Belt Width inch	3.94



Product Features and Functional Benefits

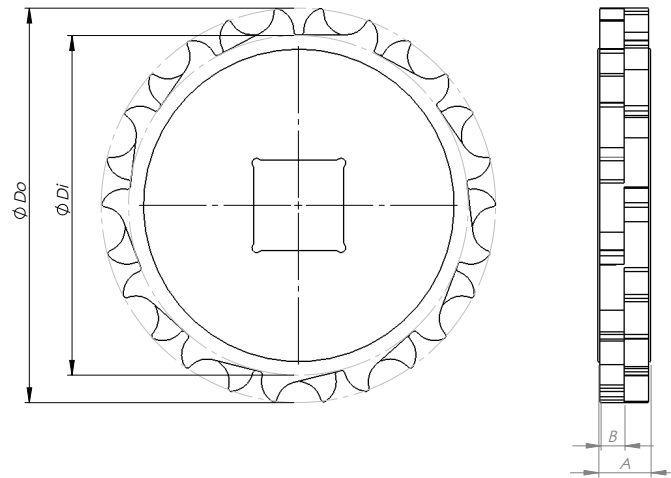
- Ideal for automotive, pallet handling, and heavy industrial applications.
- Easy maintenance with single-piece replacement.
- Modular belt design lighter than chain belts - reduces energy consumption.
- 63.5mm pitch ensures stable conveying performance.

Important Notes

- Standard belt width 100 mm.
- Special raw materials and additional colors available.
- Please contact with customer service for precise belt measurements.

HD635 Series

Sprockets and Technical Specifications



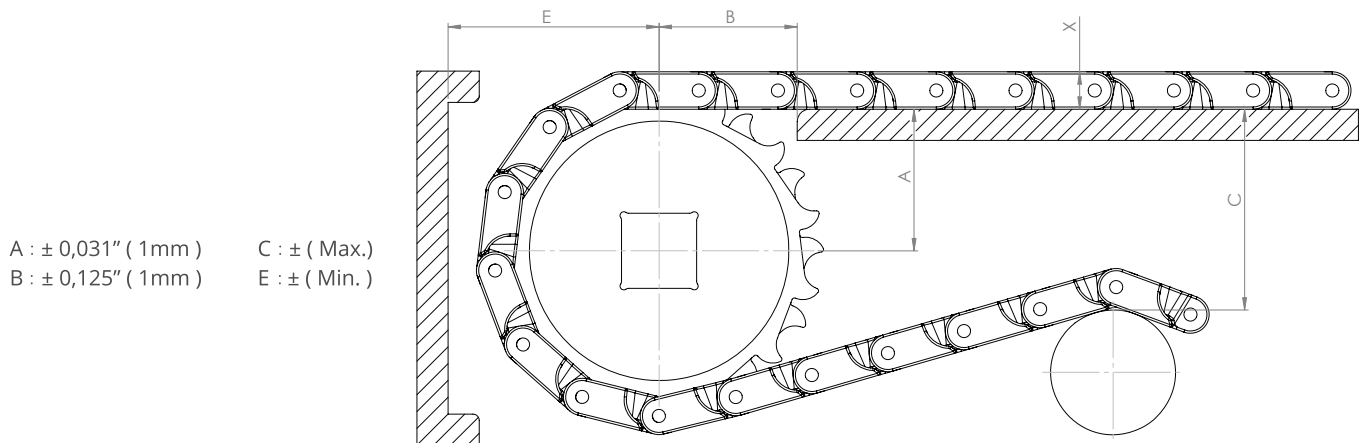
HD635 Series / Machined Sprockets Dimensions

NO.TEETH	Di mm/inch	Do mm/inch	A mm/inch	B mm/inch	Square Bore (Q)		Round Bore (R)		PRODUCT CODE	
					mm	inch	mm	inch	Square Type (Q)	Round Type (R)
Z10	166,61 / 6.56	203,87 / 8.03	35,0 / 1.38	16,0 / 0.63	40 to 90	1.5 to 3.0	30 to 60	1 to 2.5	HD635SQZ10*POM	HD635SRZ10*POM
Z13	227,11 / 8.94	263,76 / 10.38	35,0 / 1.38	16,0 / 0.63	40 to 90	1.5 to 3.0	30 to 60	1 to 2.5	HD635SQZ13*POM	HD635SRZ13*POM
Z15	268,84 / 10.58	305,24 / 12.02	35,0 / 1.38	16,0 / 0.63	40 to 120	1.5 to 3.0	30 to 90	1 to 2.5	HD635SQZ15*POM	HD635SRZ15*POM
Z20	370,07 / 14.57	406,14 / 15.99	35,0 / 1.38	16,0 / 0.63	40 to 120	1.5 to 3.0	30 to 90	1 to 2.5	HD635SQZ20*POM	HD635SRZ20*POM

*All required sprockets machined by CNC.

*Machined Split Sprockets are available.

*Other raw materials are available upon request.

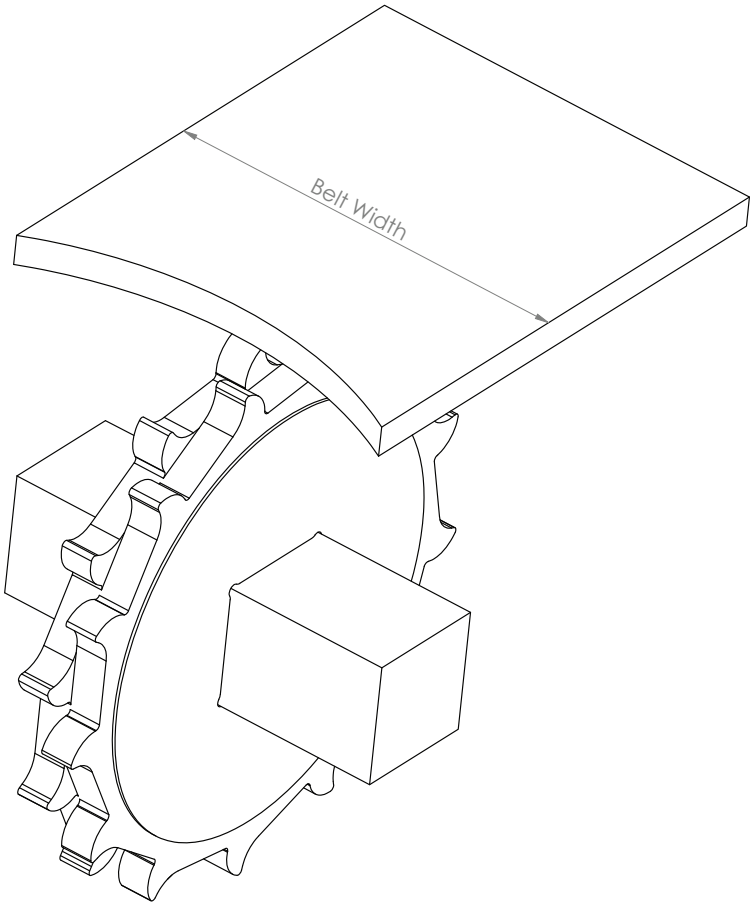


A : $\pm 0,031''$ (1mm)
B : $\pm 0,125''$ (1mm)

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

HD635 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								
HD635												
8.09	205,5	10	3.24	82,2	3.76	95,61	7.7	195,0	5.99	152,19	1.18	30,0
10.45	265,4	13	4.46	113,3	4.35	110,4	10.1	255,4	7.18	182,44	1.18	30,0
12.02	305,4	15	5.26	134,0	4.74	120,3	11.6	295,4	8.00	203,30	1.18	30,0
15.98	406,0	20	7.26	184,5	5.54	140,6	15.6	396,0	10.00	253,92	1.18	30,0



HD635 Series / Sprocket & Wearstrip Arrangements

Standard Belt Width		Number of sprockets per shaft	Number of wearstrips		A (mm/inch)	
mm	inch	Minimum	Carryway	Returnway	Min.	Max.
100	4	1	2	2	/	/