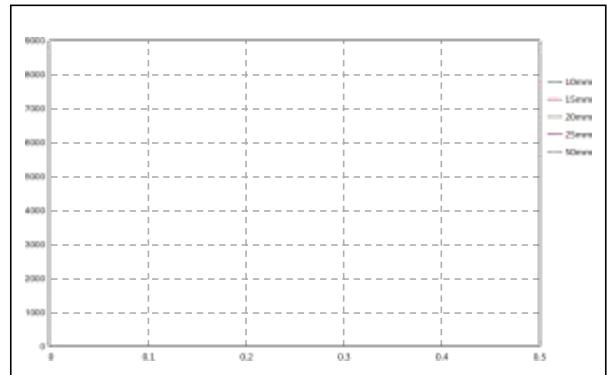


Model: STD 3M

Break tension / Break elongation

Synchronous belt features

- Half circular arc tooth with high torque performance
- Metric pitch: 3mm
- The tooth shape conforms to the GB / T 24619 standard
- Reduce the noise in high-speed transmission
- Excellent working reliability in linear positioning and light load power transmission applications
- The special tooth shape can achieve smooth operation effect

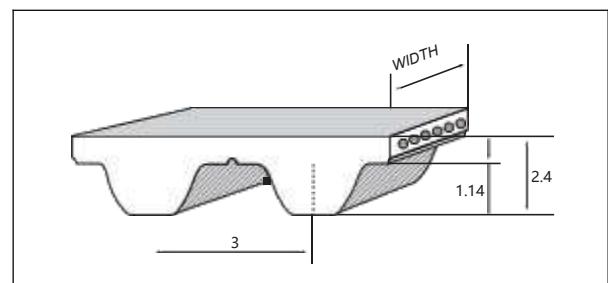


technical parameter

width	rated load	maximum load	Broken pull force	weight
Open belt	Connecting belt	Open belt		
m m	N	N	N	kg /m
10	375	185	1500	0.02
15	575	285	2300	0.03
20	775	385	3100	0.04
25	1000	500	4000	0.06
50	2050	1025	8200	0.12

Tolerance range

Width tolerance: $\pm 0.5\text{mm}$
Length tolerance: $\pm 0.5\text{mm/m}$
Thickness tolerance: $\pm 0.2\text{mm}$



flexibility

Minimum number of belt

STD3M	Core type		
	standard	Kevlar	stainless steel
Undirectional bending transmission	locking-in range on synchronization Zmin	20	
	The minimum diameter of the idler gear running on toothed surfaces	30mm	
Transmission with reverse bending	locking-in range on synchronization Zmin	24	
	The minimum diameter of the idler gear running on the back of the drive belt	30mm	

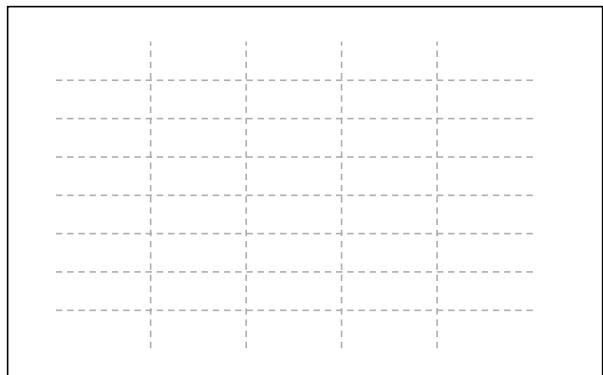
Polyurethane-synchronous band Kortibelt

Model:STD5M

Synchronous belt features

- Half circular arc tooth with high torque performance
- Metric pitch: 5mm
- The tooth shape conforms to the GB / T 24619 standard
- Reduce the noise in high-speed transmission
- Excellent operational reliability in linear positioning and light load power transmission applications
- The special tooth shape can achieve smooth operation effect

Break tension / Break elongation



technical parameter

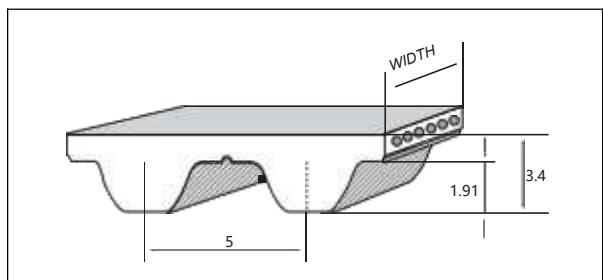
width m m	rated load N	maximum load N	Broken pull force N	weight kg /m
	Open belt	Connecting belt	Open belt	
10	625	310	2500	0.035
15	950	475	3800	0.05
25	1770	885	6800	0.08
50	3550	1775	14200	0.16

Tolerance range

Width tolerance: $\pm 0.5\text{mm}$

Length tolerance: $\pm 0.8\text{mm/m}$

Thickness tolerance: $\pm 0.25\text{mm}$



flexibility

Minimum number of belt

5M	Core type		
	standard	Kevlar	stainless steel
Undirectional bending transmission	locking-in range on synchronization Zmin	16	
	The minimum diameter of the idler gear running on toothed surfaces	30mm	
Transmission with reverse bending	locking-in range on synchronization Zmin	25	
	The minimum diameter of the idler gear running on the back of the drive belt	60mm	

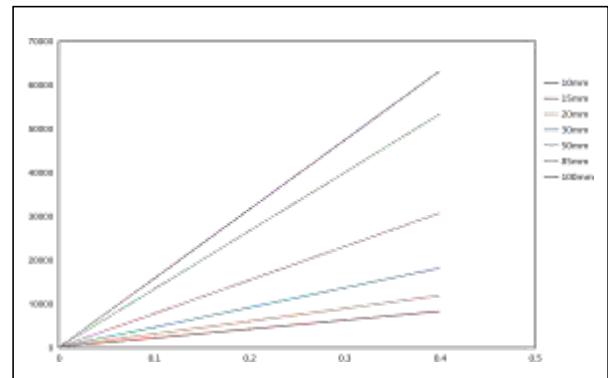
Polyurethane-synchronous band Kortibelt

Model:STD8M

Synchronous belt features

- Half circular arc tooth with high torque performance
- Metric pitch: 8mm
- The tooth shape conforms to the GB / T 24619 standard
- Reduce the noise in high-speed transmission
- Excellent working reliability in linear positioning and light load power transmission applications
- The special tooth shape can achieve smooth operation effect

Break tension / Break elongation



technical parameter

width	rated load	maximum load	Broken pull force	weight
	Open belt	Connecting belt	Open belt	
m m	N	N	N	kg /m
10	1350	675	5400	0.07
15	2025	1010	8100	0.09
20	2925	1460	11700	0.13
30	4500	2250	18000	0.18
50	7650	3825	30600	0.33
85	13300	6650	53200	0.56
100	15775	7885	63100	0.66

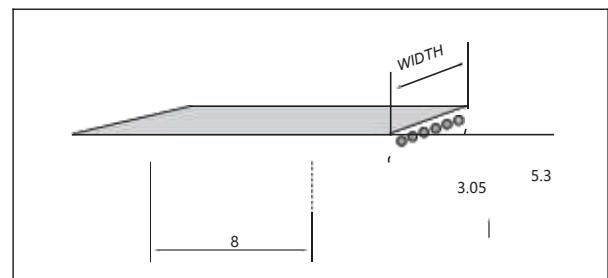
flexibility

Tolerance range

Width tolerance: $\pm 0.5\text{mm}$

Length tolerance: $\pm 0.8\text{mm/m}$

Thickness tolerance: $\pm 0.3\text{mm}$



Minimum number of belt

STD8M	Core type		
	standard	Kevlar	stainless steel
Undirectional bending transmission	locking-in range on synchronization Zmin	20	
	The minimum diameter of the idler gear running on toothed surfaces	50mm	
Transmission with reverse bending	locking-in range on synchronization Zmin	24	
	The minimum diameter of the idler gear running on the back of the drive belt	100mm	

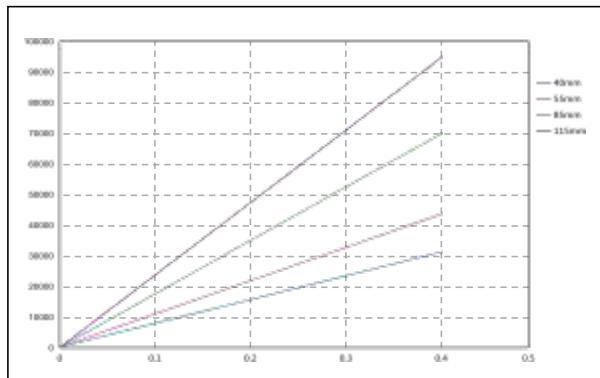
Polyurethane-synchronous band Kortibelt

Model: STD 14M

Synchronous belt features

- Half circular arc tooth with high torque performance
- Metric pitch: 14mm
- The tooth shape conforms to the GB / T 24619 standard
- Reduce the noise in high-speed transmission
- Excellent working reliability in linear positioning and light load power transmission applications
- The special tooth shape can achieve smooth operation effect

Break tension / Break elongation



technical parameter

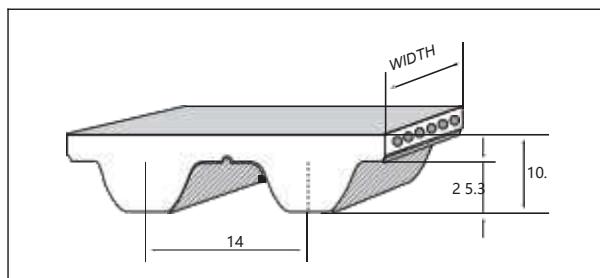
width	rated load	maximum load	Broken pull force	weight
	Open belt	Connecting belt	Open belt	
m m	N	N	N	kg /m
40	7800	3900	31200	0.50
55	10925	5460	43700	0.70
85	17550	8775	70200	1.08
115	23800	11900	95200	1.48

Tolerance range

Width tolerance: $\pm 1.0\text{mm}$

Length tolerance: $\pm 0.8\text{mm/m}$

Thickness tolerance: $\pm 0.45\text{mm}$



flexibility

Minimum number of belt

STD14M	Core type		
	standard	Kevlar	stainless steel
Undirectional bending transmission	locking-in range on synchronization Zmin	26	
	The minimum diameter of the idler gear running on toothed surfaces	120mm	
Transmission with reverse bending	locking-in range on synchronization Zmin	28	
	The minimum diameter of the idler gear running on the back of the drive belt	180mm	