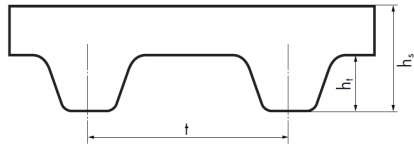


Profile H		
t [mm]	h _s [mm]	h _t [mm]
12.70	4.00 ±0.25	2.29

Principle sketch



Construction

- Fabric on teeth: Polyamide
- Elastomer: CR compound
- Tension cord: Glass cord
- Hardness: 72 ±5 Shore A

Characteristics

- Antistatic to ISO 9563: no
- Pulley profile: to ISO 5296
- Temperature resistance: -30° C to +100° C
- Weight per meter: 0.041 kg/m for 10mm width

Belt width [mm]	Standard belt width [mm]	Permissible tolerance of belt width [mm] ISO 13050		
		Pitch length up to 838.2 mm	Pitch length 838.3 mm -1676.4 mm	Pitch length over 1676.4 mm
3.0 – 11.0		+0.5 / -0.8	+0.5 / -0.8	-
11.1 – 38.1	19.1 25.4 38.1	+0.8 / -0.8	+0.8 / -1.3	+0.8 / -1.3
38.2 – 50.8	50.8	+0.8 / -1.3	+1.3 / -1.3	+1.3 / -1.5
50.9 – 63.5		+1.3 / -1.3	+1.3 / -1.5	+1.5 / -1.5
63.6 – 76.2	76.2	+1.3 / -1.5	+1.5 / -1.5	+1.5 / -2.0
76.3 – 101.6		+1.5 / -1.5	+1.5 / -2.0	+2.0 / -2.0
101.7 – 177.8		+1.5 / -2.0	+1.5 / -2.0	+2.0 / -2.0
177.9 – 469.9		-	-	+4.8 / -4.8
Sleeve widths		470 mm ±20 mm; 500 mm ±10 mm		

Pitch length [mm]	Length tolerance [mm] ISO 5296									
	≤ 250	> 250 ≤ 500	> 500 ≤ 750	> 750 ≤ 1000	> 1000 ≤ 1250	> 1250 ≤ 1500	> 1500 ≤ 1750	> 1750 ≤ 2000	> 2000 ≤ 2250	> 2250
Length tolerance on centre distance	±0.20	±0.23	±0.27	±0.30	±0.33	±0.36	±0.39	±0.42	±0.45	±0.49 ±0.03*

Length measurement according to ISO 5296

* For longer lengths an additional 0.03 mm should be added for every 250 mm increase

Marking example, except trade items



Plant code

Length code, profile, optional width code

Date code

Minimum no. of teeth pulley:

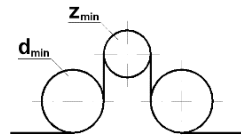
$z_{min} = 10$

Pitch diameter:

$d_w = 30.32 \text{ mm}$

Minimum diameter of backside idler:

$d_{min} = 30.00 \text{ mm}$



Wir beraten Sie gerne über die Produkteigenschaften und -anpassungen bei besonderen Anforderungen. Bitte beachten Sie auch die Hinweise in den Optibelt Dokumentationen. Irrtümer und technische Änderungen vorbehalten. www.optibelt.com, © Arntz Optibelt Gruppe

We would be pleased to offer advice about technical characteristics and drive design as well as special requirements. Further information can be found in Optibelt documentation. Subject to technical modification and change, errors and omissions excepted. www.optibelt.com, © Arntz Optibelt Group



Techn. datasheet
optibelt ZR Code 77ZA
According to ISO 5296

4			
3			
2			
1			
0	Erstellt	18.10.2018	FBe
Zust.	Änderungen	Datum	Name

Profile H