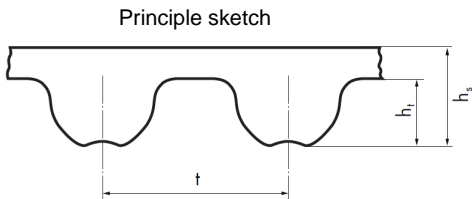


Profile 14M		
t [mm]	h <sub>s</sub> [mm]	h <sub>t</sub> [mm]
14.00	9.50 ±0.25	5.60



**Construction**

- Fabric on teeth: Polyamide reinforced
- Elastomer: CR compound with aramid fibers
- Tension cord: Glass cord reinforced
- Hardness: 89 ±5 Shore A

**Characteristics**

- Antistatic to ISO 9563: yes
- Pulley profile: HTD and RPP to ISO 13050
- Temperature resistance: -30°C to +100°C
- Weight per meter: 0.100 kg/m for 10 mm 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		+0.4 / -0.8	+0.4 / -0.8	-
11.1 – 38.1		+0.8 / -0.8	+0.8 / -1.2	+0.8 / -1.2
38.2 – 50.8	40	+0.8 / -1.2	+1.2 / -1.2	+1.2 / -1.6
50.9 – 63.5	55	+1.2 / -1.2	+1.2 / -1.6	+1.6 / -1.6
63.6 – 76.2		+1.2 / -1.6	+1.6 / -1.6	+1.6 / -2.0
76.3 – 101.6	85	+1.6 / -1.6	+1.6 / -2.0	+2.0 / -2.0
101.7 – 177.8	115, 170	+2.4 / -2.4	+2.4 / -2.8	+2.4 / -3.2
177.9 – 469.9		-	-	+4.8 / -6.4
Sleeve widths		470 mm ±20 mm; 500 mm ±10 mm		

Pitch length [mm]	Length tolerance [mm] ISO 13050									
	≤ 250	> 250 ≤ 500	> 500 ≤ 750	> 750 ≤ 1000	> 1000 ≤ 1250	> 1250 ≤ 1500	> 1500 ≤ 1750	> 1750 ≤ 2000	> 2000 ≤ 2250	> 2250
Length tolerance on center 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 13050

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

**Marking example**



Plant code

Length, profile, optional width

Date code

Minimum no. of teeth pulley:

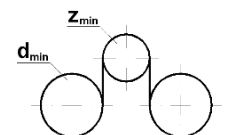
$z_{min} = 28$

Pitch diameter:

$d_w = 124.78 \text{ mm}$

Minimum diameter of backside idler:

$d_{min} = 130.00 \text{ mm}$



Techn. datasheet  
**optibelt OMEGA HL** Code 77ZA  
According to ISO13050

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](http://www.optibelt.com), © Arntz Optibelt Gruppe  
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4			
3			
2			
1			
0	Erstellt	18.10.2018	FBe
Zust.	Änderungen	Datum	Name

**Profile 14M**