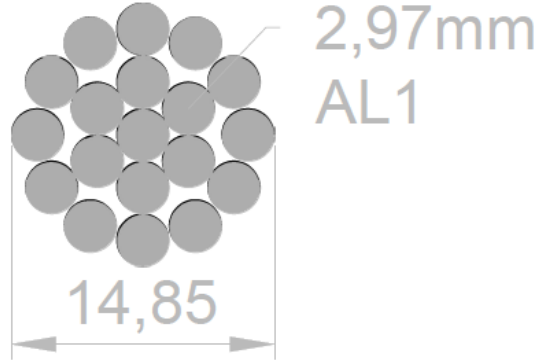


AAC 132 (132-AL1) CONDUCTOR as per EN 50182

 1. Technical Drawing:

 2. Technical Characteristics:

No.	DESCRIPTION	UNIT	Value
1.	Producer		HASÇELİK KABLO SAN. TİC. A.Ş.
2.	Conductor marking -EN 50182		AAC 132 132-AL1
3.	Diameter: - complete conductor	mm	14,85
4.	Cross section: - complete conductor	mm ²	131,6
5.	Number of wires: - AL1 aluminum	pcs.	19
6.	Diameter of wires: - aluminum	pcs.	2,97
7.	Number of wires in layers: - outer layer - inner layer	pcs. pcs.	12 1+6
8.	Aluminum wires technical parameters: - CBL before stranding - CBL after stranding - elongation in % on breaking	N/ mm ² N/ mm ² %	170 161,5 -
11.	Complete conductor Young factor (final)	N/mm ²	57000
12.	Linear expansion factor	(K ⁻¹)x10 ⁻⁶	23,0
13.	Maximum calculated resistance at 20 deg.C (1km)	Ω/km	0,2183
14.	Nominal RTS	kN	22,38
16.	Marginal working temperature: - steady state - short circuit conditions	°C °C	80 200
17.	Conductor weight	kg/km	293,5
18.	Possibility to unwind the conductor under tension		No
19.	Grease producer/type/markings		No Greasing