CU 500 mm² DIN 48201

Guaranteed technical characteristics for Seil DIN 48201 - 500 - E-Cu

	Description	Unit	Seil DIN 48201 - 500 - E-Cu
1	*Producer*		
2	*Manufactured according to:*		**DIN 48201/1**
3	*Diameter of conductor*	mm	**29,1**
4	*Cross Section of conductor*	mm^2	**499,83**
5	*Number of wires*	qty	**61**
6	*Nominal wire diameter*	mm	**3,23**
7	*Number of wire in layers :*	qty	**1+6+12+18+24**
8	*Properties of wires :*		
	- tensile strength, minimum before stranding	N/mm^2	**422**
	- tensile strength, minimum after stranding	N/mm^2	**392**
	- resistivity, maximum at 20°C max.	$\Omega mm^2/m$	**17,86**
9	*Equivalent elastic modulus (final) of the complete cable*	kN/mm^2	**100**
10	*Equivalent coefficient of thermal linear expansion of the complete cable*	$1°C \times 10^{-6}$	**17,0**
11	*Calculated Resistance at 20 °C, maximum*	Ω/km	**0,0365**
12	*Calculated Breaking Load, min*	KN	**200,38**
13	*Weight of the conductor*	kg	**4547,0**

S. Tygesen Energi A/s

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Strandvangen 33 · 5300 Kerteminde · +45 65 32 43 80 · www.tygesen-energi.dk