



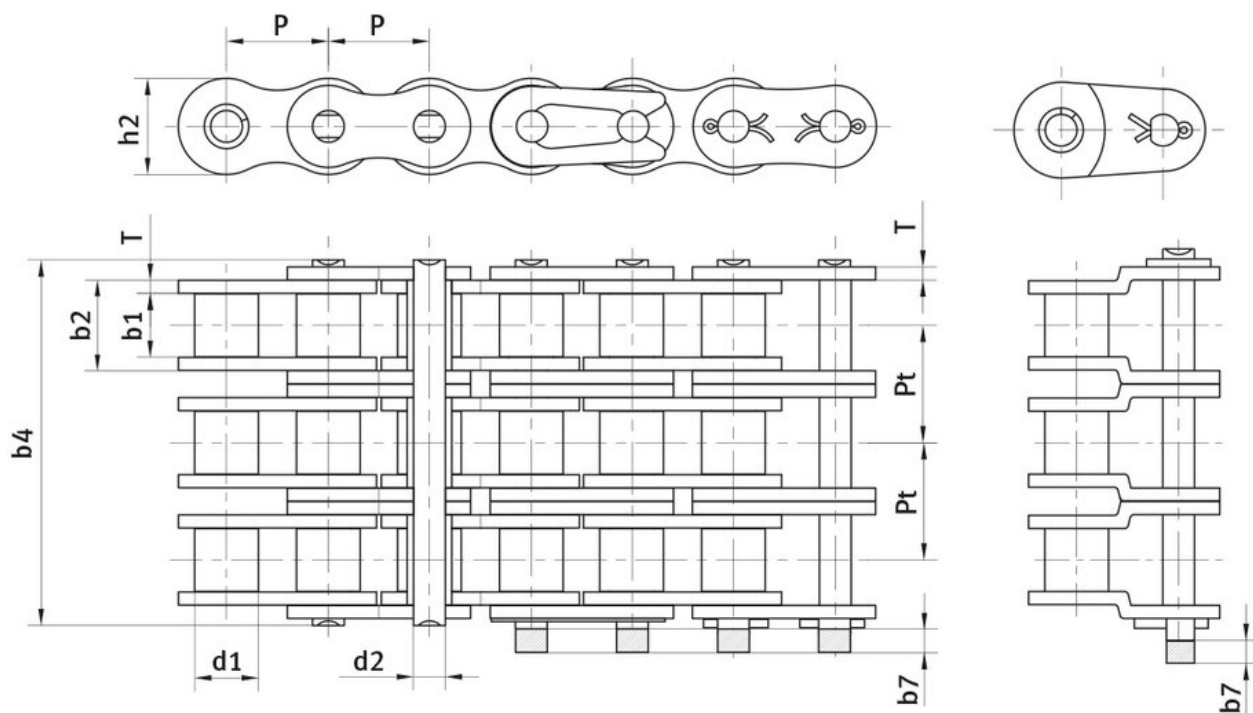
## Roller chain 100-3 - ecoplus

Part no.: 81013228

Packaging Unit: 5m

Brand: ecoplus

**ecoplus**<sup>®</sup>



## Technical data

ROLLER CHAIN	100
Pitch p (mm)	31,75
Width between inner plates b1 min. (mm)	18,9
Roller diameter d1 max. (mm)	19,05

Pin diameter d2 max. (mm)	9,54
Pin length b4 max. (mm)	113
Max. add. length of connecting link b7 max. (mm)	6,1
Total width inner link b2 max. (mm)	27,45
Plate thickness Ti/To (mm)	4,00/4,00
Height inner plate h2 max. (mm) (JWIS: g)	30,17
Min. tensile strength ISO/DIN FU (kN)	261
Weight per meter (kg)	11,77
Bearing surface f (cm²)	7,73
Traverse pitch pt (mm) (JWIS: e)	35,76

## Product Information

ecoplus is the iwis economy brand for light-duty applications with low performance requirements. All ecoplus roller chains are intended for universal use and are therefore lubricated with only one light corrosion protection oil.

### Ecoplus Highlights

- All ecoplus chains are pre-stretched with >30% breaking force following assembly.
- ecoplus standard chains possess especially high breaking strength thanks to special ecoplus pins with high core hardness.
- Case hardened bushes and rollers
- Links plates are heat-treated and black oxidised
- The initial lubrication ECO-1 is an anti-corrosion mineral oil-based lubricant

## Applications

- Mechanical engineering and systems construction
- Conveyor technology



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<https://www.iwis.com/en-en/products-services/roller-chain-100-3-ecoplus~p1010360>

## Useful information



### **CALCULATION PROGRAM**

InduKet: the Chain Drive  
Calculation Program for  
Engineers.

[\*\*iwis.com/chaincalc\*\*](https://www.iwis.com/chaincalc)



### **CHAIN CALCULATION**

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### **SERVICES**

ChainFinder, CAD data, iwis  
Chain Handbook and more.

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