



Roller chain 100-1 Heavy series H - ecoplus

Part no.: 81013224

Packaging Unit: 5m

Brand: ecoplus

Model: Heavy series H

ecoplus[®]

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)	44,5
Max. add. length of connecting link b7 max. (mm)	6,1
Total width inner link b2 max. (mm)	29,1
Plate thickness Ti/To (mm)	4,8
Min. tensile strength ISO/DIN FU (kN)	87
Weight per meter (kg)	4,52
Bearing surface f (cm ²)	2,78

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
- Fördertechnik

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<https://www.iwis.com/en-en/products-services/roller-chain-100-1-heavy-series-h-ecoplus~p1010390>

Useful information

CALCULATION PROGRAM

InduKet: the Chain Drive
Calculation Program for
Engineers.

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

CHAIN CALCULATION

The right drive solution for your
challenge.

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