



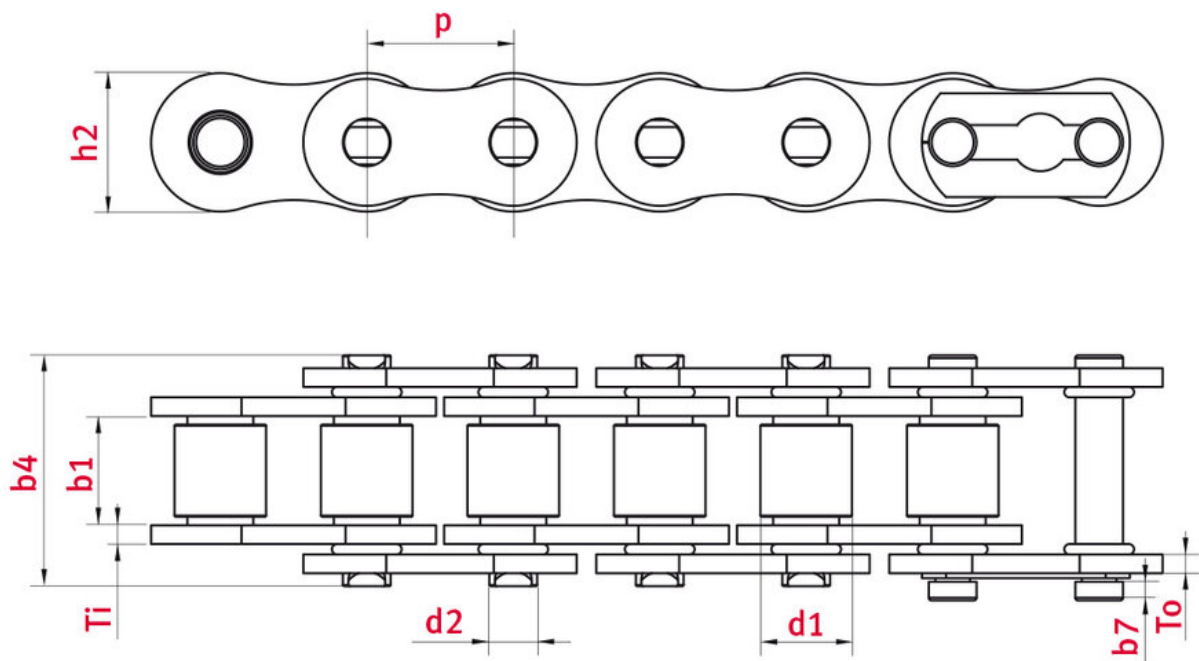
Roller chain 12B-1 O-ring - ELITE

Part no.: I896fe814e601

Packaging Unit: 5m

Brand: ELITE

Model: O-ring



Technical data

ROLLER CHAIN	12B
Pitch p (mm)	19,05
Width between inner plates b1 min. (mm)	11,68
Roller diameter d1 max. (mm)	12,07

Pin diameter d2 max. (mm)	5,08
Pin length b4 max. (mm)	23,9
Max. add. length of connecting link b7 max. (mm)	4,6
Plate thickness Ti/To (mm)	1,9
Height inner plate h2 max. (mm) (JWIS: g)	16
Min. tensile strength ISO/DIN FU (kN)	28,9
Weight per meter (kg)	1,22
Bearing surface f (cm²)	0,93

Product Information

O-ring chains were originally developed as drive chains for motorcycles, but the technology is also used in standard industrial chains. A vacuum process is used to apply initial lubricant to the chain bearings, which are then sealed with an O-ring. This type of lubrication in combination with a seal means that these chains require no further lubrication throughout their entire service life, so they can be categorised as “low-maintenance”.

ELITE roller chains have a high wear resistance and significantly higher fatigue strength than the standard requires. The right choice for industrial applications: robust and reliable. All ELITE transmission roller chains are highly pre-tensioned and treated with our special additive chain oil eliDUR+, a high-tech initial lubricant. Non-drip eliDUR+ offers not only the added advantage of improved running characteristics, but also provides better corrosion protection.

Highlights

- Standard sprockets can be used
- Extremely shock-resistant version
- Life-long lubrication
- Also available with attachments on request

Applications

- Packaging industry
- Buildings technology
- Mechanical engineering and systems construction
- Glass, ceramic and building material industry



REQUEST DIRECTLY ONLINE NOW

<https://www.iwis.com/en-en/products-services/roller-chain-12b-1-o-ring-elite~p3893>

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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SERVICES

ChainFinder, CAD data, iwis
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[iwis.com/services](https://www.iwis.com/services)