



## Roller chain 200-3 - JWIS

Part no.: I80bfd980d3eb

Brand: JWIS



### Technical data

|   |       |
|---|-------|
| ROLLER CHAIN                            | 200   |
| Pitch p (mm)                            | 63,5  |
| Width between inner plates b1 min. (mm) | 38,1  |
| Roller diameter d1 max. (mm)            | 39,68 |

|   |          |
|---|----------|
| Pin diameter d2 max. (mm)                 | 19,85    |
| Total width inner link b2 max. (mm)       | 54,88    |
| Outer link pin rivet a1 max. (mm)         | 223,8    |
| Outer link key groove a max. (mm)         | 229,8    |
| Height inner plate h2 max. (mm) (JWIS: g) | 60,32    |
| Min. tensile strength ISO/DIN FU (kN)     | 1041     |
| Avg. tensile strength FB (kN)             | 1456,288 |
| Weight per meter (kg)                     | 47,30    |
| Bearing surface f (cm <sup>2</sup> )      | 32,67    |
| Traverse pitch pt (mm) (JWIS: e)          | 71,55    |

## Product Information

JWIS Roller chains are characterised by an above-average service life due to excellent wear resistance, high consistency, matchless precision and a considerably higher breaking strength and fatigue strength than required by ISO standard. All iwis chains are pre-stretched and are provided with a highly efficient initial lubrication.

### Highlights:

- Only high-quality heat-treated and case-hardened steel is used with stringent specifications for materials analysis, tolerances and surface quality
- Each chain part is manufactured a million times daily to the same precision and is monitored using SPC (statistical process control)
- All chain parts are heat-treated, in some cases using special processes to optimize quality characteristics
- Modern production technologies ensure consistent geometry and superior surface quality
- Chains are checked for dimensional accuracy, length tolerance and flexibility, plus for the press fit joins on pins, outer plates and bush, and inner plate
- Our high quality assurance standards comply with the requirements of ISO 9001:2006
- For special applications: surface coatings, special lubricants, special materials (e.g. corrosion-resistant)

## Applications

- Warehouse technology, materials-handling industry
- Conveyor technology
- Assembly and industrial handling systems
- Wood processing industry
- Mechanical engineering and systems construction
- Glass, ceramic and building material industry
- Environmental technology, Recycling

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<https://www.iwis.com/en-en/products-services/roller-chain-200-3-jwis~p4804>

## 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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