Product data

iwis
wir bewegen die welt

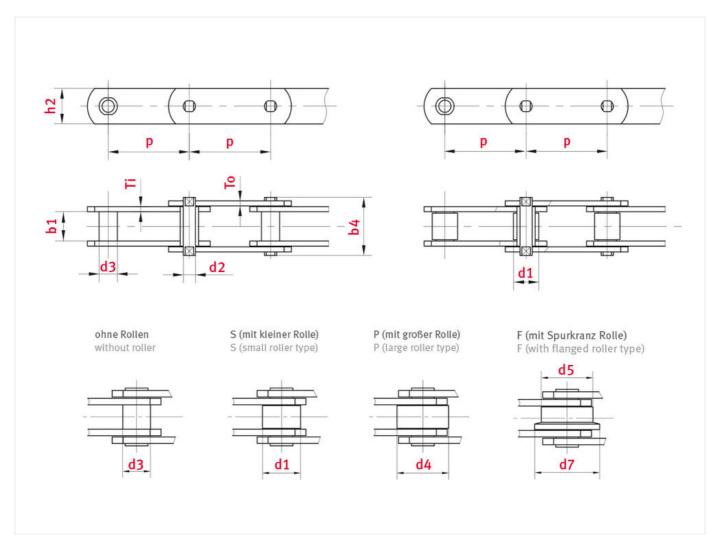# Conveyor chain FV140 Bush conveyor chain FV series - ELITE

Part no.: l7a7a9e1273ba
Brand: ELITE
Model: Bush conveyor chain FV series

ELITE®

ohne Rollen
without roller

S (mit kleiner Rolle)
S (small roller type)

P (mit großer Rolle)
P (large roller type)

F (mit Spurkranz Rolle)
F (with flanged roller type)

Technical data

ROLLER CHAIN	FV140
Pitch p (mm)	200
Width between inner plates b1 min. (mm)	35
Roller diameter d1 max. (mm)	36

Pin diameter d2 max. (mm)	18
Bush diameter d3 max. (mm)	26
Pin length b4 max. (mm)	71.5
Roller diameter large roller d4 max. (mm)	60
Flanged roller diameter d7 (mm)	95
Plate thickness Ti/To (mm)	6
Height inner plate h2 max. (mm) (JWIS: g)	45
Min. tensile strength ISO/DIN FU (kN)	140
Bearing surface f (cm²)	8.6

Product Information

In the context of the ELITE conveyor chain range, iwis supplies a wide variety of chains according to standards DIN 8165 and DIN 8167, as well as models manufactured according to British Standard with dimensions in inches, and highly diverse special versions. Bush conveyor chains are often used for conveying tasks involving long transport distances at relatively low speeds.

ELITE highlights

- Pins usually made of heat-treated alloy steel, induction-hardened or tempered
- Bushes made from seamless precision steel tube, case-hardened
- Link plates made of high-strength tempered steel
- Rollers (where present) made of case-hardened steel, case-hardened

Applications

- Wood processing industry
- Steelmaking industry
- Automotive industry
- Bulk goods transport
- Environmental technology, Recycling

□

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https://www.iwis.com/en-en/products-services/conveyor-chain-fv140-bush-conveyor-chain-fv-series-elite~p4294

Useful information

CALCULATION PROGRAM

InduKet: the Chain Drive Calculation Program for Engineers.

iwis.com/chaincalc

CHAIN CALCULATION

The right drive solution for your challenge.

chaindrive@iwis.com

SERVICES

ChainFinder, CAD data, iwis Chain Handbook and more.

iwis.com/services