Chain Conveyor KTF-P 2010

» For transporting heavier loads even in harsh environments. «

A B

part of versamove

The chain conveyor KTF-P 2010 is particularly suitable for transporting pallets or products with a rigid structure (in the Versamove pallet circulation system, for instance). Its large selection of drives makes it extremely flexible, and it is normally used as the basis for constructing transfer lines.

It is available as a single, dual or multiple line system with either a simple roller chain or a duplex roller chain for higher loads and a larger support surface.
The various chains and wear strip guides allow the workpiece to be optimally placed on the conveyor, while their excellent anti-frictional properties make them extremely low maintenance and sturdy.

Longitudinal slots in the mk 2010 profile beam provide flexible options for connecting struts, guides, initiators and components from the mk profile system. Like all chain conveyors, the system can be equipped with an optional tensioning device and continuous lubrication device.

Benefits of the KTF-P 201

- Basis for constructing transfer systems for higher loads
- Ideal as a dual or multiple line system for transporting pallets
- Large selection of drives
- Low-maintenance and sturdy use in cycling operation
- Suitable for dirty and oily environments

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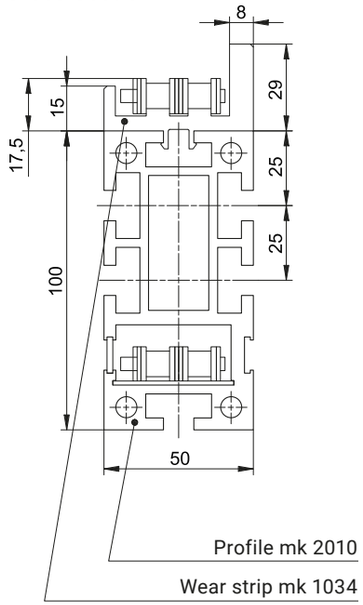
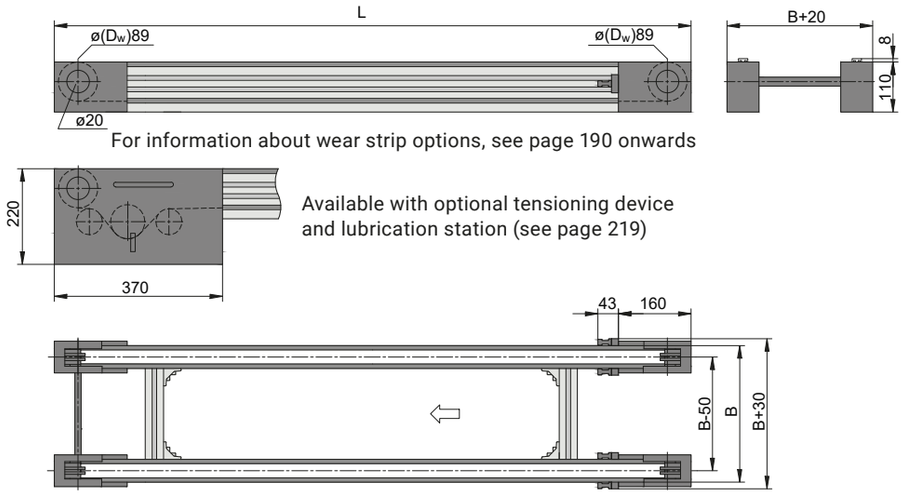
Cross Section



AA – Head drive without motor

B20.10.465

The AA version with no motor is suitable for connection to an existing conveyor with a drive, either in parallel or in series. This allows you to operate multiple conveyors with only one motor. Depending on your requirements, the conveyor is designed either with a hollow shaft or with a connecting shaft with shaft journal. Operation with cleats is not possible with this version.



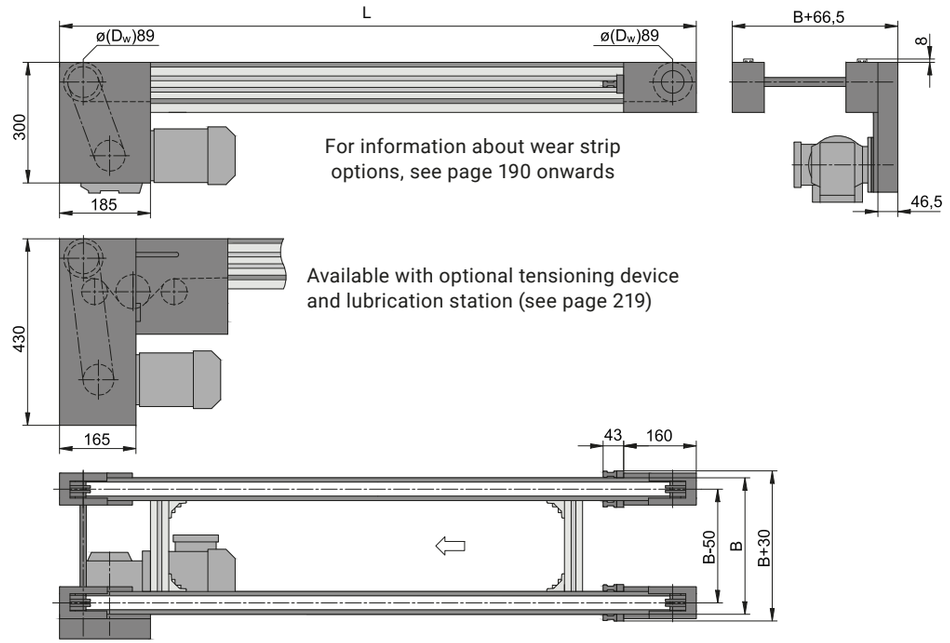
Technical data

Conveyor length L	individual from 500 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

AC – Standard head drive

B20.10.466

The drive chain on indirect drives can be used as a reduction gear. This makes it easy to design the conveyor with the appropriate speed, particularly in the low-speed range. In addition, the drive chain can compensate for alignment errors and assembly tolerances to ensure that both lines run synchronously. Operation with cleats is not possible with this version.



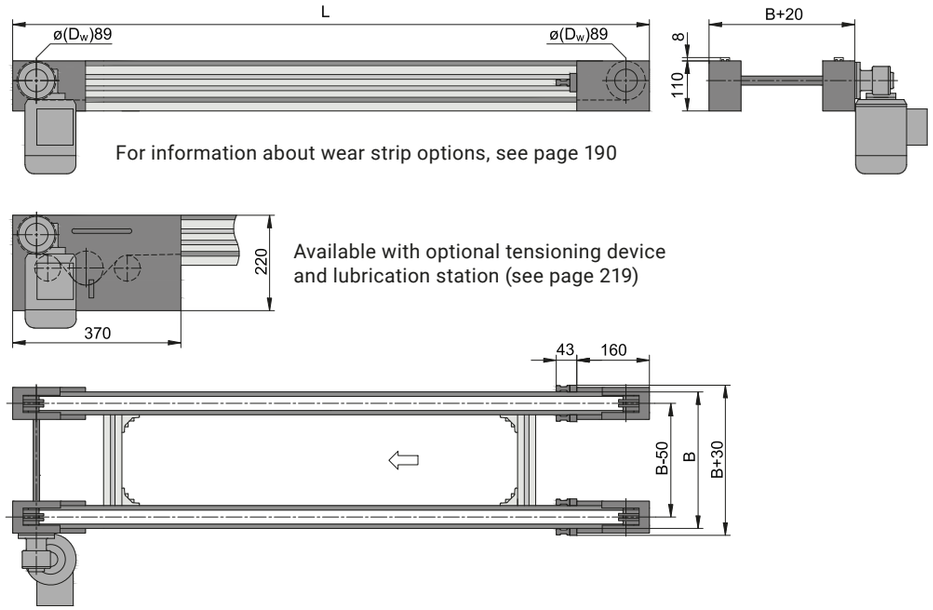
Technical data

Conveyor length L	individual from 500 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive location	discharge end left/right, underneath	
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

AF – Direct head drive

B20.10.467

Since the motor is fitted directly onto the drive shaft, the space requirements and maintenance effort for this drive version are reduced to a minimum. Operation with cleats is not possible with this version.



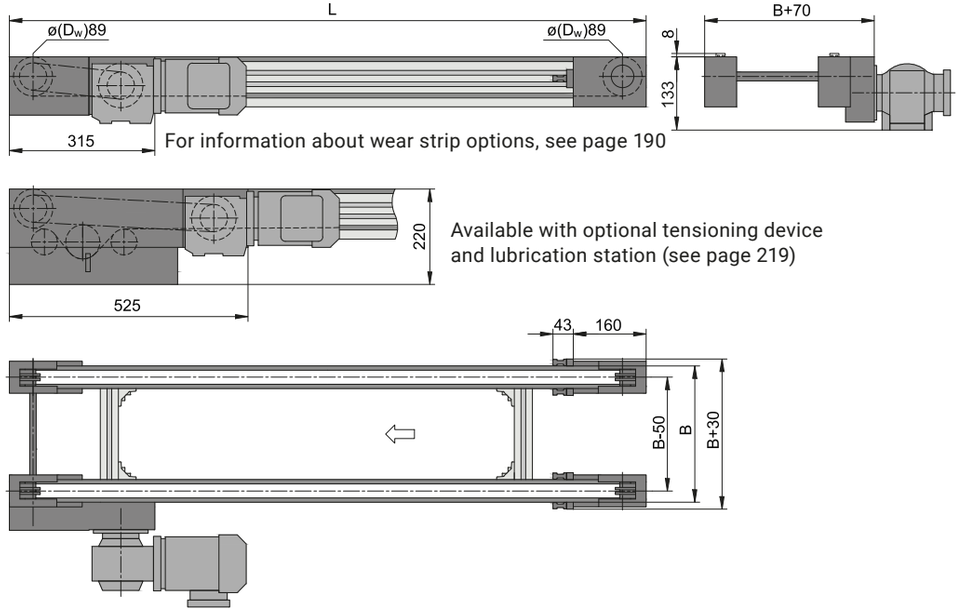
Technical data

Conveyor length L	individual from 500 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive location	discharge end left/right, underneath	
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

AS – Head drive, laterally on the outside, compact

B20.10.468

The drive positioned laterally on the outside allows the total height of the conveyor to be restricted to a minimum. Operation with cleats is not possible with this version.



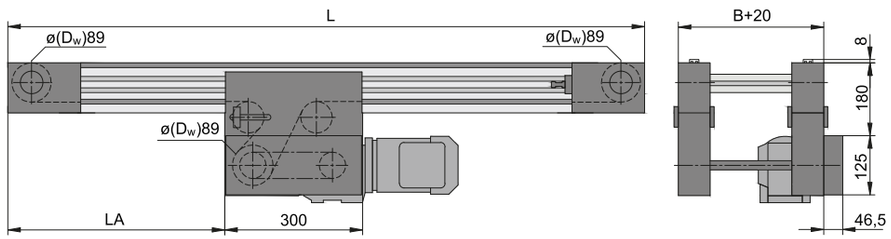
Technical data

Conveyor length L	individual from 700 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive location	discharge end left/right	
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

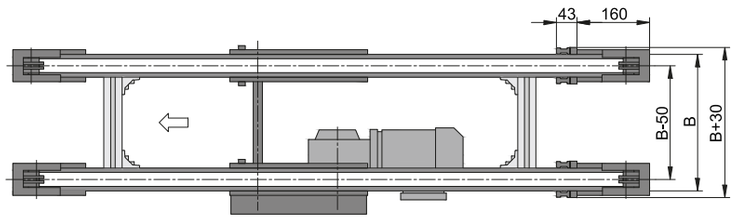
BC – Lower run drive, standard

B20.10.471

The compact conveyor frame design and the ability to freely select the drive position over the entire length of the conveyor make it easier to integrate the conveyor into existing systems. The drive sprocket wheel ensures excellent transmission of the motor power. Operation with cleats is not possible with this version.



For information about wear strip options, see page 190 onwards



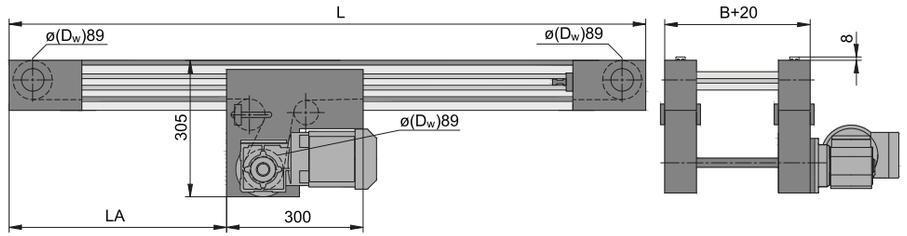
Technical data

Conveyor length L	individual from 700 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive location	left/right underneath	
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

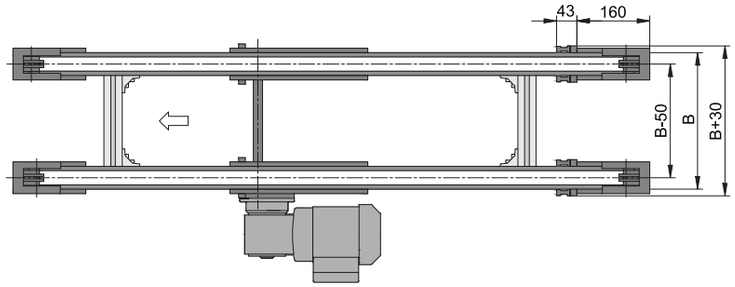
BF – Lower run drive, direct

B20.10.472

Since the motor is fitted directly onto the drive shaft, the space requirements and maintenance effort for this drive version are reduced to a minimum. The compact conveyor frame design and the ability to freely select the drive position anywhere along the entire length of the conveyor make it easier to integrate the conveyor into existing systems. The conveying direction is reversible. Operation with cleats is not possible with this version.



For information about wear strip options, see page 190 onwards



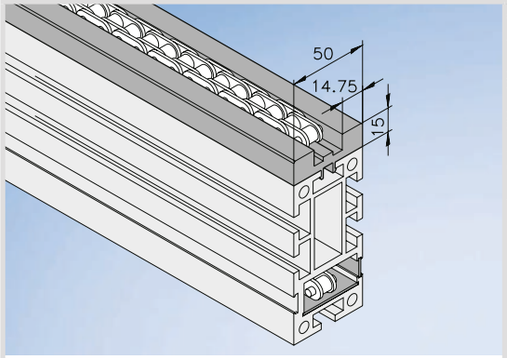
Technical data

Conveyor length L	individual from 700 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" single or duplex	p. 216
Drive location	left/right underneath	
Drive and speed	5; 6.3; 8; 9.5; 11.5; 13.5; 15.2; 19.3; 23; 26; 36.6; 45.7 and 57 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg	up to 1000 kg on request
Standard distributed load	up to 150 kg/m (with duplex chain)	

KTF-P 2010 Wear Strips

Wear and guide strips from mk ensure low friction.
The wear strips are made from PE-UHMW (PE-1000). Max. temperature of 65° C.

Option A

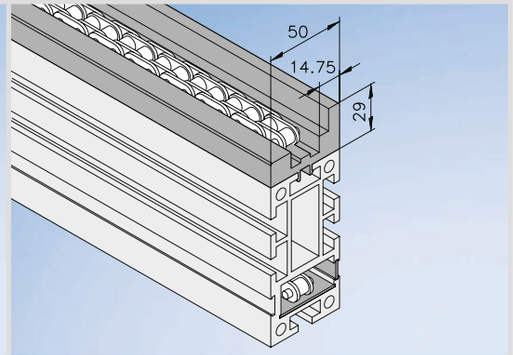


Top wear strip mk 1037
22.37.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Option B

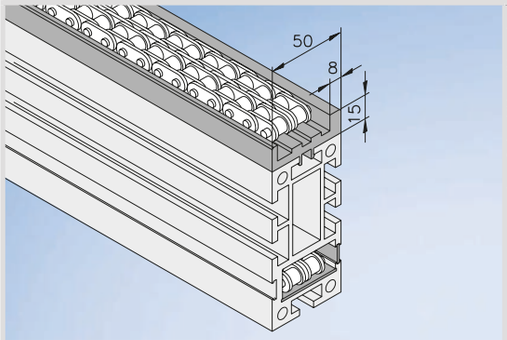


Top wear strip mk 1038
22.38.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Option C

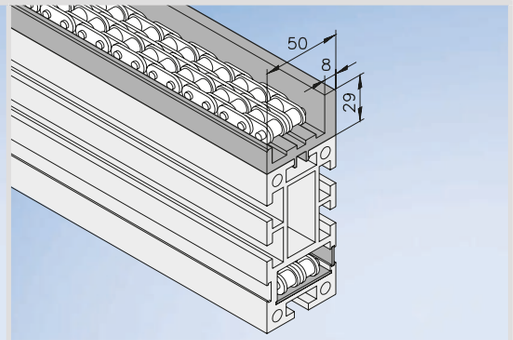


Top wear strip mk 1033
22.33.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Option D

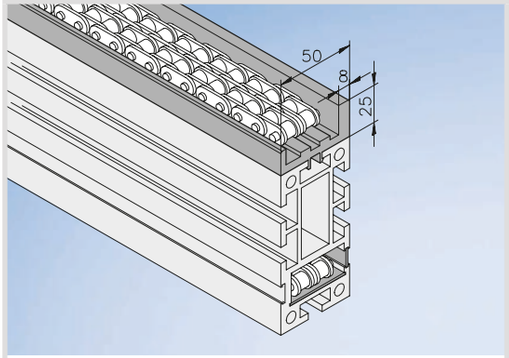


Top wear strip mk 1034
22.34.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Option E



Top wear strip mk 1111
23.11.2000

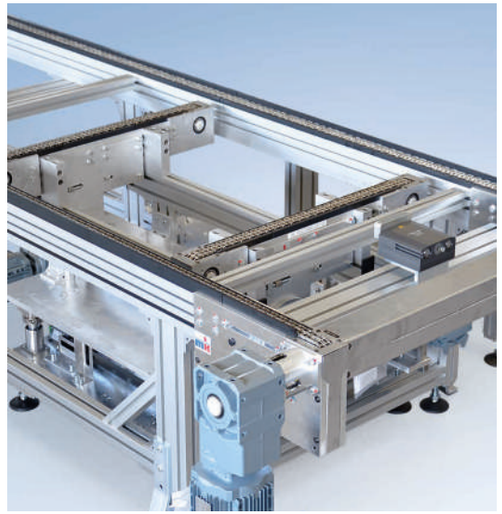
Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Application Examples KTF-P 2010

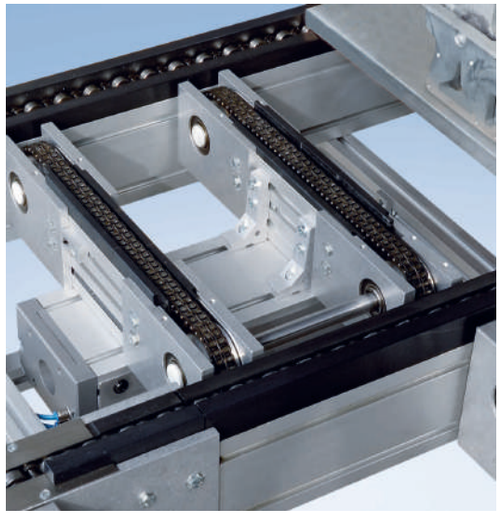
Chain conveyor KTF-P 2010 with lower run drive BF and side rail SF2.1

Chain Conveyor KTF-P 2010



Chain conveyor KTF-P 2010 with lift-and-transfer conveyor and head drive AF with automatic clamping and lubrication station

Chain conveyor KTF-P 2010 with head drive AC



Chain KTF-P 2010 as lift-and-transfer unit for accumulating roller chain conveyor SRF-P 2010

Three-line chain conveyor KTF-P 2010

Chain Conveyor KTF-P 2010

Chain conveyor KTF-P 2010 with head drive AC, with drip pan and movable support frame

Custom applications
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