



» For transporting and buffering pallets with high loads. «

The accumulating roller chain conveyor SRF-P 2010 is particularly suitable for transporting pallets (in the Versamove pallet circulation system, for instance). The free-spinning conveyor rollers run smoothly, even during accumulated operation. They also keep back-pressure forces to a minimum. Typical applications include interlinking or buffering between workstations and building complete transfer lines.

The wear and guide strips, made from ultra-high-molecular weight polyethylene, on which the accumulating roller chain runs and is guided, ensure a low friction coefficient and excellent wear characteristics.

Longitudinal slots in the mk 2010 profile beam provide flexible options for connecting struts, guides, sensors 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.

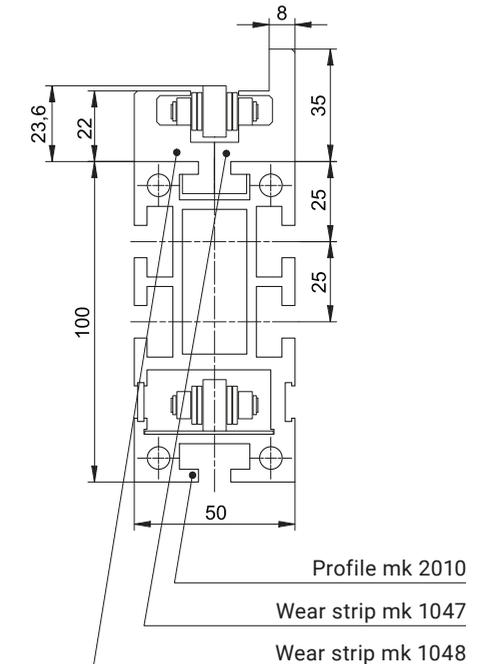


part of **versamove**

Benefits of the SRF-P 2010

- Basis for constructing transfer lines with accumulated operation
- Ideal for low-maintenance and durable use in accumulated and cycling operation
- For interlinking and buffering between workstations and for transporting pallets
- Large selection of drives
- Suitable for dirty and oily environments

Cross Section

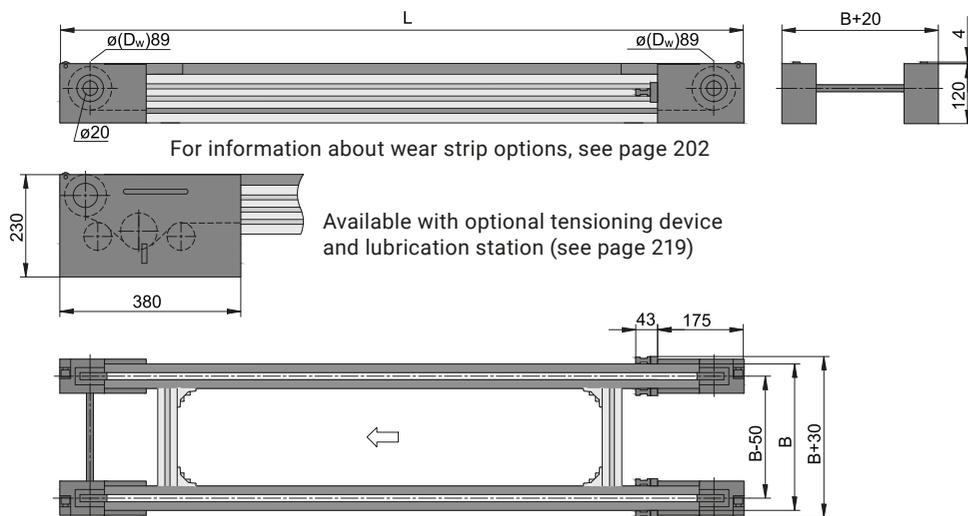




AA – Head drive without motor

B20.10.565

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 ($\varnothing 20$ mm, usable length of 34 mm, includes DIN 6885 key).



Technical data

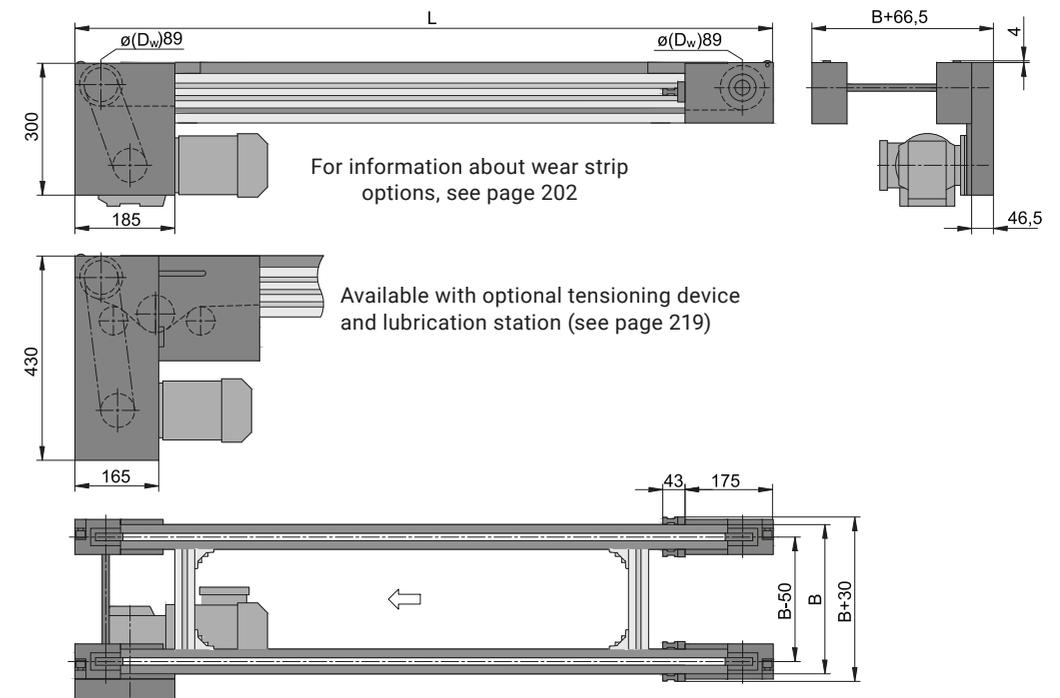
Conveyor length L	individual from 730 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" accumulating roller chain with plastic or steel rollers	p. 217
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg (750 kg without accumulated operation)	higher on request
Standard distributed load	up to 100 kg/m (in series) up to 150 kg/m (offset)	



AC – Standard head drive

B20.10.566

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.



Technical data

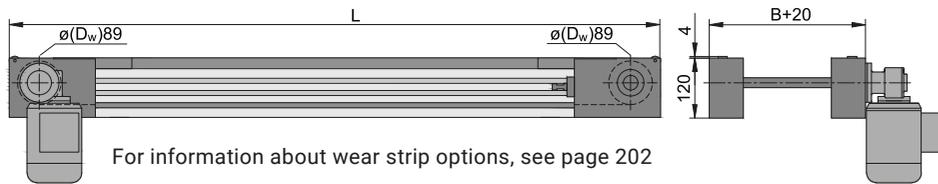
Conveyor length L	individual from 730 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" accumulating roller chain with plastic or steel rollers	p. 217
Drive location	discharge end left/right, underneath	
Drive and speed	up to 30 m/min	p. 12
Stand and side rail		from p. 286
Standard total load	up to 500 kg (750 kg without accumulated operation)	higher on request
Standard distributed load	up to 100 kg/m (in series) up to 150 kg/m (offset)	



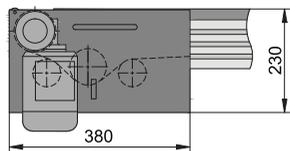
AF – Direct head drive

B20.10.567

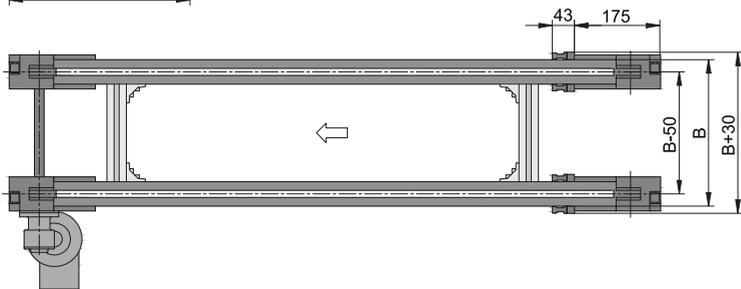
Since the motor is fitted directly onto the drive shaft, the space requirements and maintenance effort for this drive version are reduced to a minimum.



For information about wear strip options, see page 202



Available with optional tensioning device and lubrication station (see page 219)



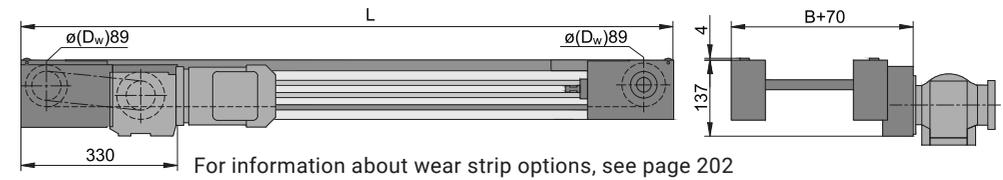
Technical data

Conveyor length L	individual from 730 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" accumulating roller chain with plastic or steel rollers	p. 217
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 (750 kg without accumulated operation)	higher on request
Standard distributed load	up to 100 kg/m (in series) up to 150 kg/m (offset)	

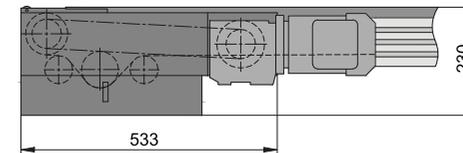
AS – Head drive, laterally on the outside, compact

B20.10.568

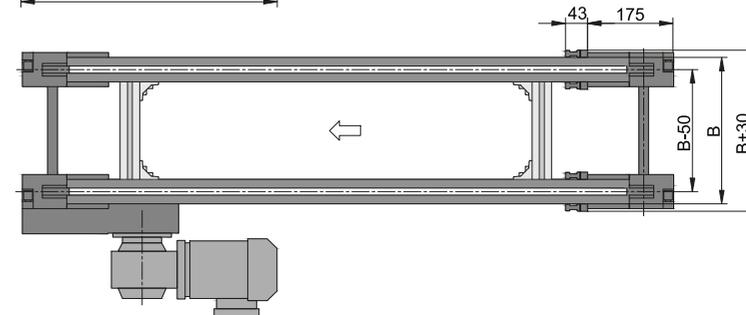
The drive positioned laterally on the outside allows the total height of the conveyor to be restricted to a minimum.



For information about wear strip options, see page 202



Available with optional tensioning device and lubrication station (see page 219)



Technical data

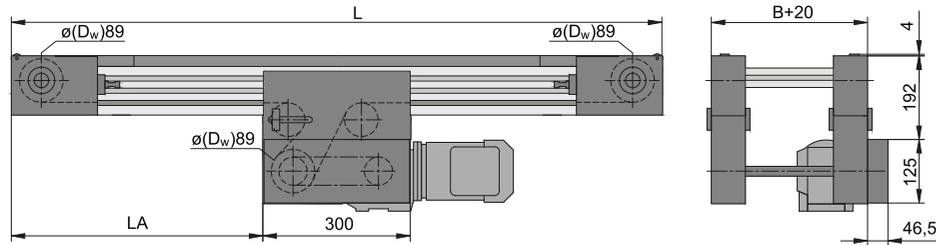
Conveyor length L	individual from 730 to 10000 mm	
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Stand and side rail		from p. 286
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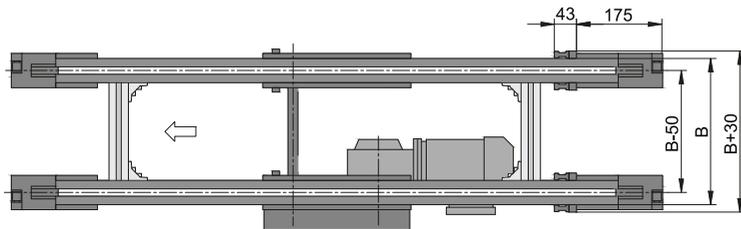
BC – Lower run drive, standard

B20.10.571

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.



For information about wear strip options, see page 202



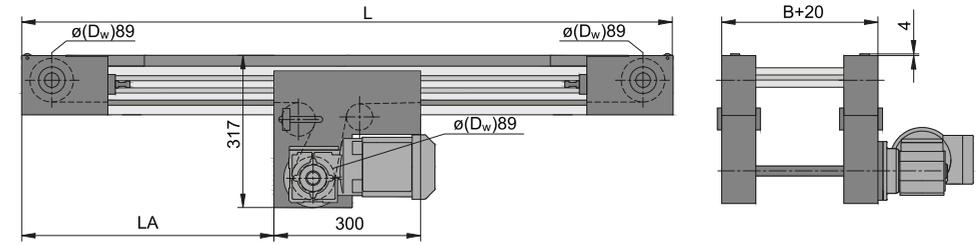
Technical data

Conveyor length L	individual from 730 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" accumulating roller chain with plastic or steel rollers	p. 217
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 (750 kg without accumulated operation)	higher on request
Standard distributed load	up to 100 kg/m (in series) up to 150 kg/m (offset)	

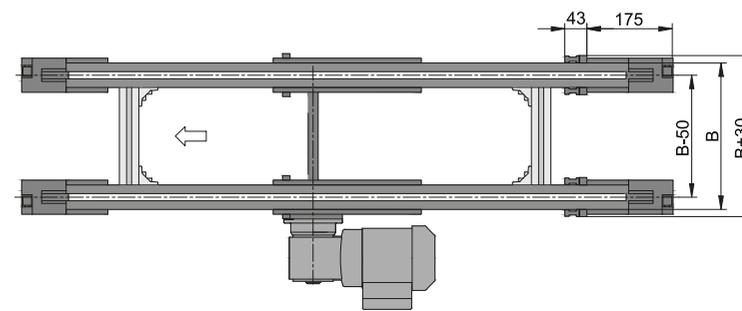
BF – Lower run drive, direct

B20.10.572

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 202

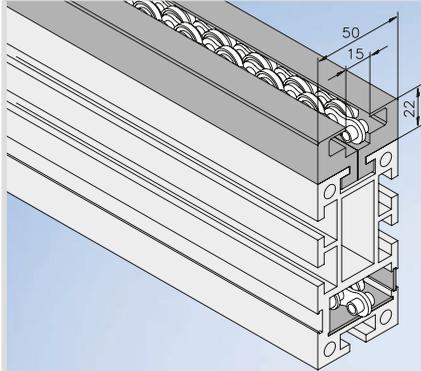


Technical data

Conveyor length L	individual from 730 to 10000 mm	
Conveyor width B	200 to 2000 mm	
Chains	1/2" accumulating roller chain with plastic or steel rollers	p. 217
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 (750 kg without accumulated operation)	higher on request
Standard distributed load	up to 100 kg/m (in series) up to 150 kg/m (offset)	

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

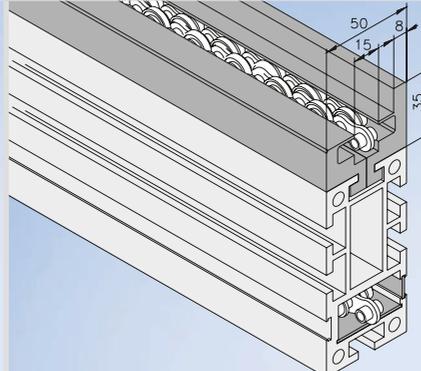


Top wear strip mk 1048
22.48.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

Option B



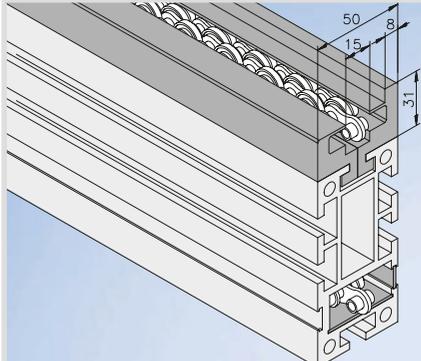
Top right wear strip mk 1047
22.47.2000

Top left wear strip mk 1048
22.48.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12

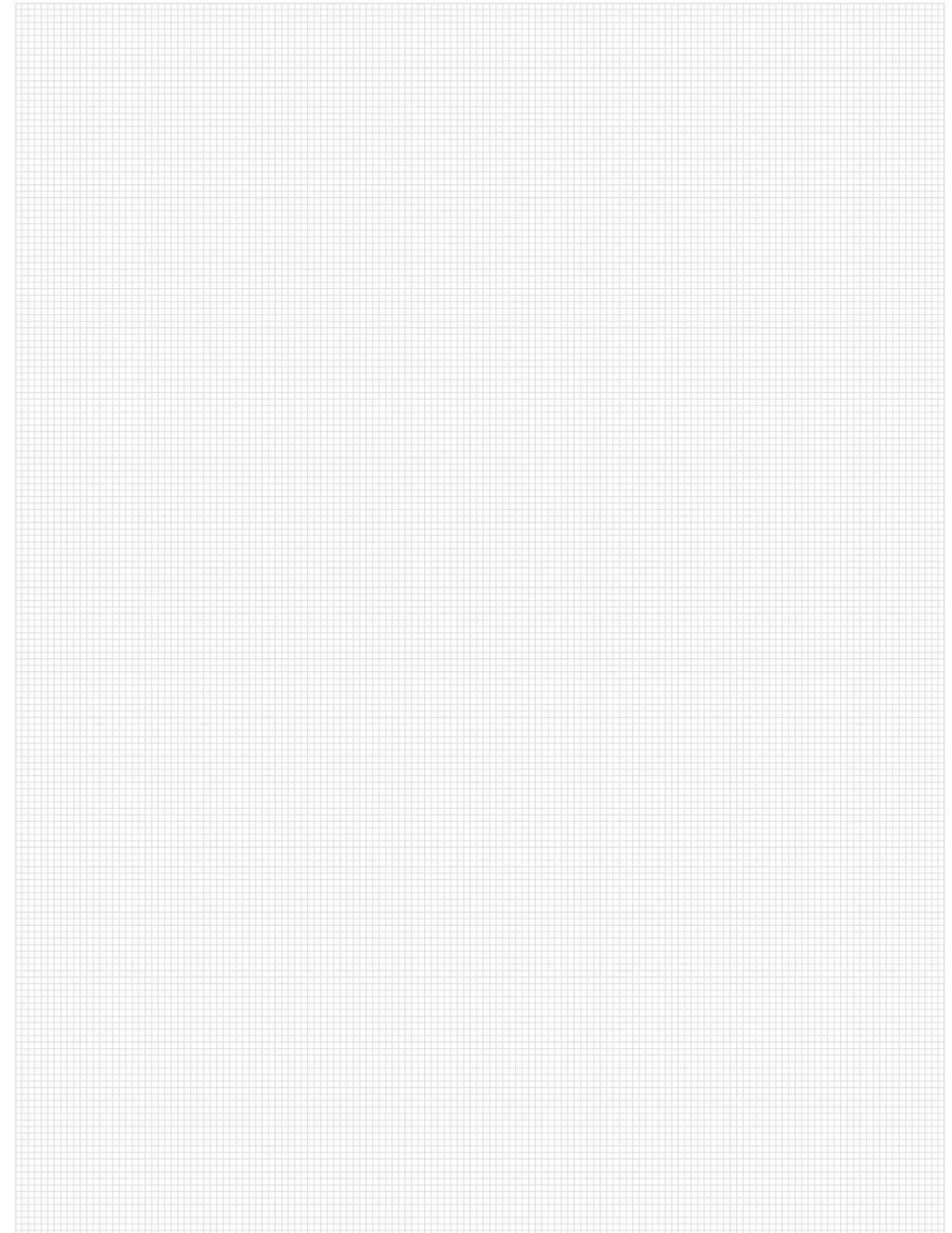
Option C



Top wear strip mk 1112
23.12.2000

Bottom wear strip mk 2010
21.14.0001

Closure strip
K10230/12





Accumulating roller chain conveyor SRF-P 2010 as pallet circulation system with lift-and-transfer conveyor



Accumulating roller chain conveyor SRF-P 2010 with lift-and-rotate station



Accumulating roller chain conveyor SRF-P 2010 with electro-pneumatic positioning



Accumulating roller chain conveyor SRF-P 2010 with automatic tensioning and lubrication station



Accumulating roller chain conveyor SRF-P 2010 with stopper



Accumulating roller chain conveyor SRF-P 2010 with drip pan



Accumulating roller chain conveyor SRF-P 2010 with lower run drive BF



Accumulating roller chain conveyor SRF-P 2010 as pallet circulation system with lift-and-transfer conveyor

Custom applications from page 404