



» Straight version for flexible combination with curved and inclined tracks. «

The positive drive mechanism on the conveyor system MBF-P 2040 with modular belt allows it to convey high loads even with narrower conveyor widths. The belt guide ensures that there is no lateral movement. It also allows conveyed products to be moved diagonally.

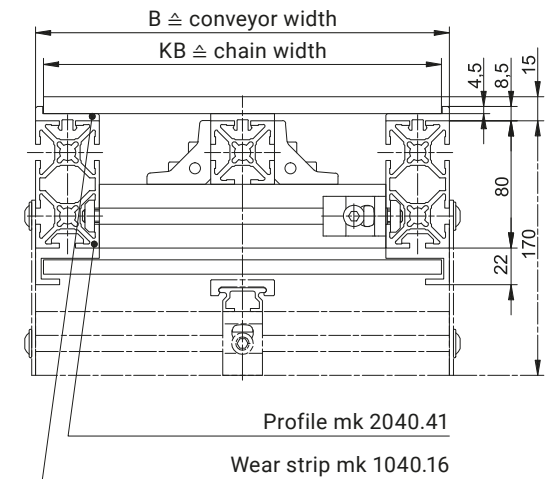
The material of the modular belt offers a high level of wear-resistance and abrasion resistance. The conveyor system offers various chain materials to make it suitable for food, suitable for high temperatures or resistant to chemicals. Accessories such as side plates and transverse cleat profiles are also included in the product range.

Maintenance work such as tensioning the belt or replacing individual elements can be carried out quickly and easily.

## Benefits of the MBF-P 2040

- High load capacities available
- Positive drive mechanism eliminates slippage and makes it suitable for wet applications
- Stable chain travel regardless of the length/width ratio
- Maximum usable width with low total width
- Lateral movement of conveyed products
- Belt is guided to eliminate lateral deviation
- Chain material is highly resistant to wear and abrasion, making it suitable for high temperatures, contact with chemicals or food, etc.

### Cross Section\*



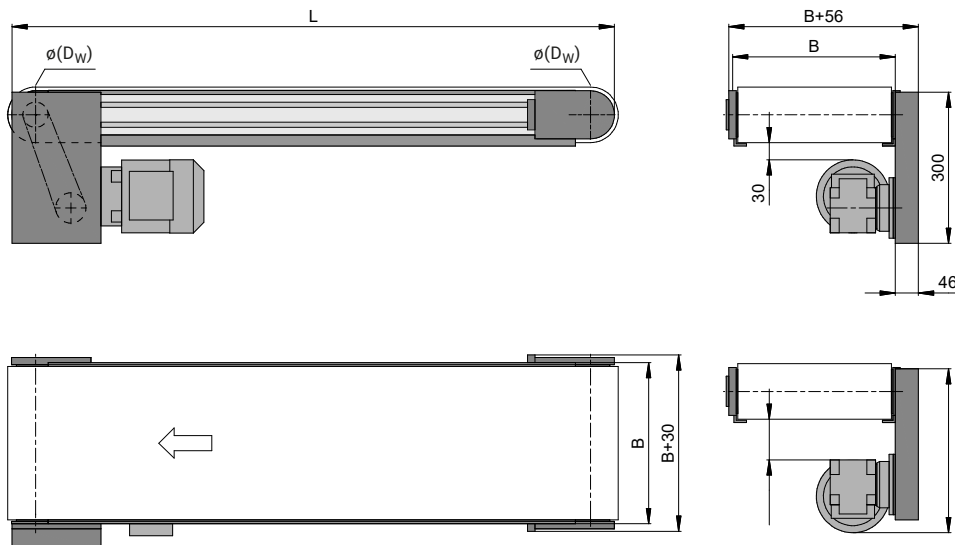
\*Diagram includes a modular belt support in the lower run (dashed line). Only necessary with  $B > 700$  mm.



AC – Standard head drive

B20.40.806

The compact conveyor frame design makes it easier to integrate the conveyor into existing systems. The sprocket wheel with the positive-locked connection to the modular belt ensures excellent transmission of the motor power. At lengths of up to three metres, the chain does not sag but the belt still runs quietly. With lengths of around three metres or more, there is chain sagging on the drive end, which is enclosed by a protective box. This results in an additional obstructing edge.



\* when using transverse cleats

Technical data

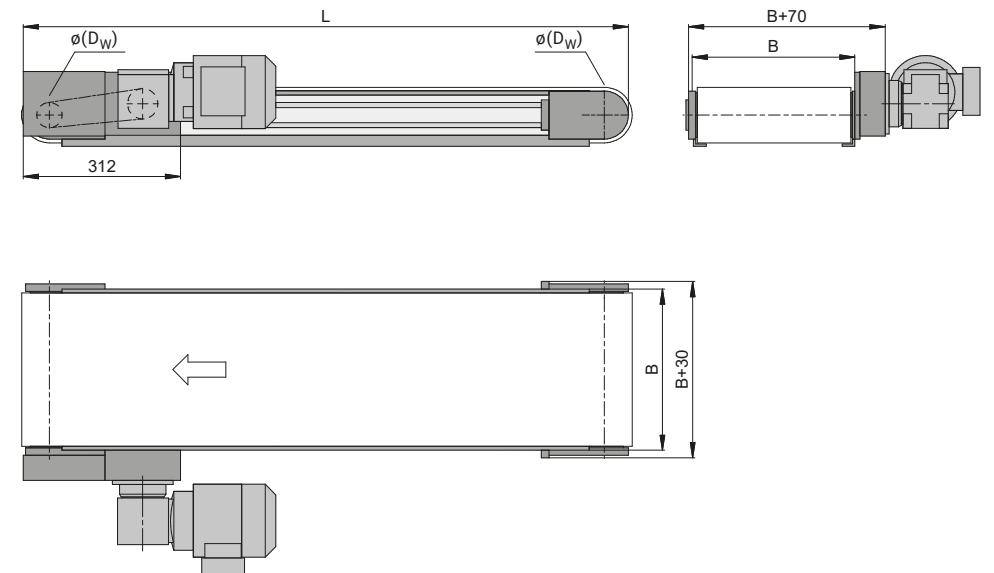
Conveyor length L	individual from 475 to 10000 mm	
Conveyor width B	approx. 200–1000 mm depending on the chain type	p. 146
Drive location	left/right underneath	
Drive and speed	up to 30 m/min, higher on request	p. 12
Stands		from p. 286
Standard total load	up to 250 kg, higher on request	p. 108
Standard distributed load	up to 75 kg/m, higher on request	p. 108
Pitch diameter (Dp)	chain S8=99.7 mm; chain S10=98 mm	



AS – Head drive, laterally on the outside, compact

B20.40.807

The drive located laterally on the outside allows the total height of the conveyor to be restricted to a minimum. The sprocket wheel with the positive-locked connection to the modular belt ensures excellent transmission of the motor power. With lengths of up to three metres, the chain does not sag but the belt still runs quietly. With lengths of around three metres or more, there is chain sagging on the drive end, which is enclosed by a protective box. This results in an additional obstructing edge.

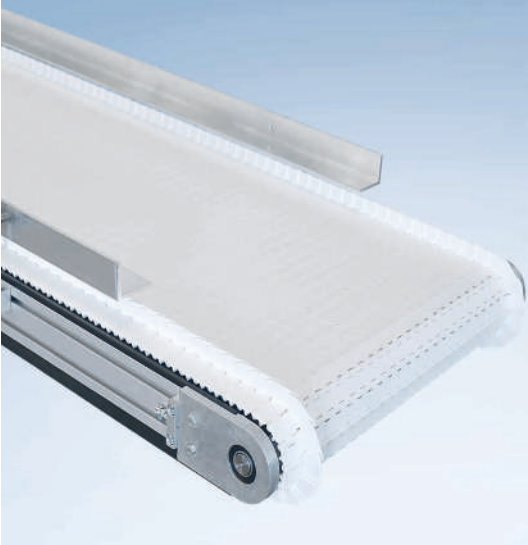


Technical data

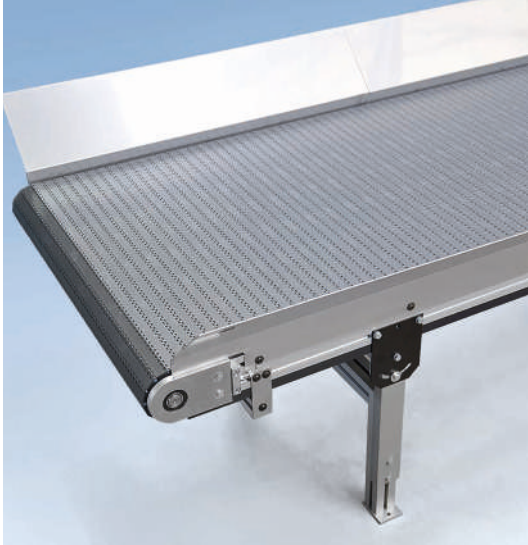
Conveyor length L	individual from 610 to 10000 mm	
Conveyor width B	approx. 200–1000 mm depending on the chain type	p. 146
Drive location	left/right underneath	
Drive and speed	up to 30 m/min, higher on request	p. 12
Stands		from p. 286
Standard total load	up to 250 kg, higher on request	p. 108
Standard distributed load	up to 75 kg/m, higher on request	p. 108
Pitch diameter (Dp)	chain S8=99.7 mm; chain S10=98 mm	

# Application Examples MBF-P 2040

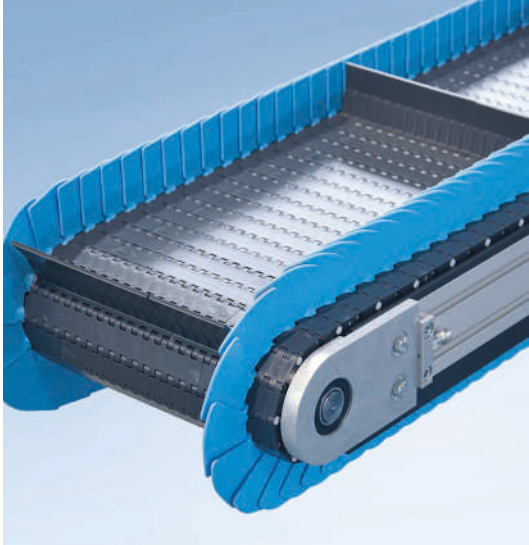
3



Modular belt conveyor MBF-P 2040 with side wall and additional side rail



Modular belt conveyor MBF-P 2040 with funnel-shaped side rail



Modular belt conveyor MBF-P 2040 with moving side wall

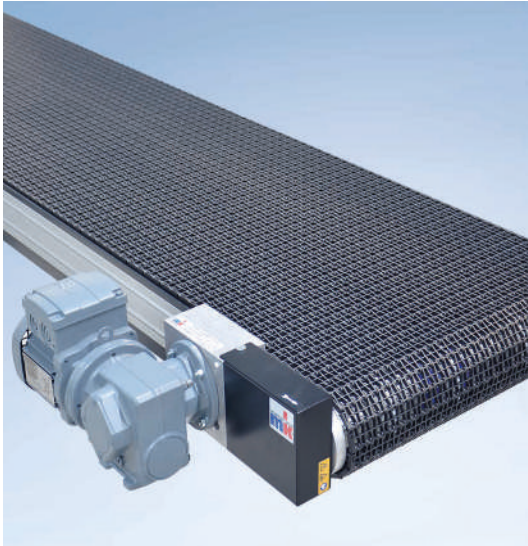


Modular belt conveyor MBF-P 2040 with rubber-top modular belt (one-sided)

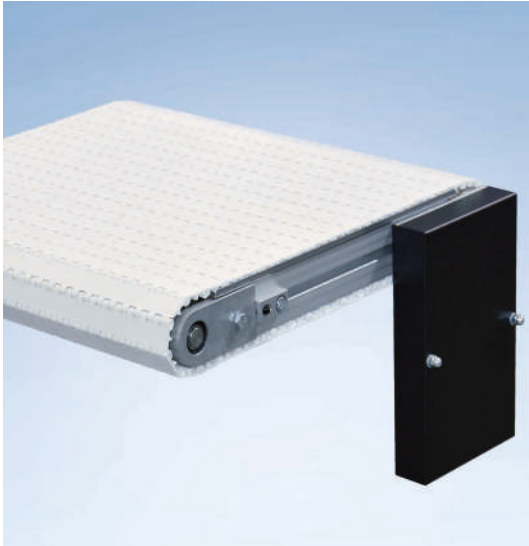
3



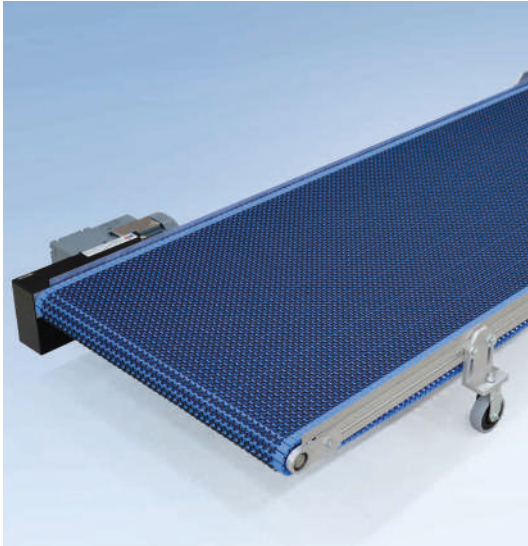
Modular belt conveyor MBF-P 2040 with end stop



Modular belt conveyor MBF-P 2040 with head drive AS and modular belt with grid structure for outstanding air circulation



Modular belt conveyor MBF-P 2040 with a particularly short design



Modular belt conveyor MBF-P 2040 with a special chain with friction lining

Custom applications from page 404