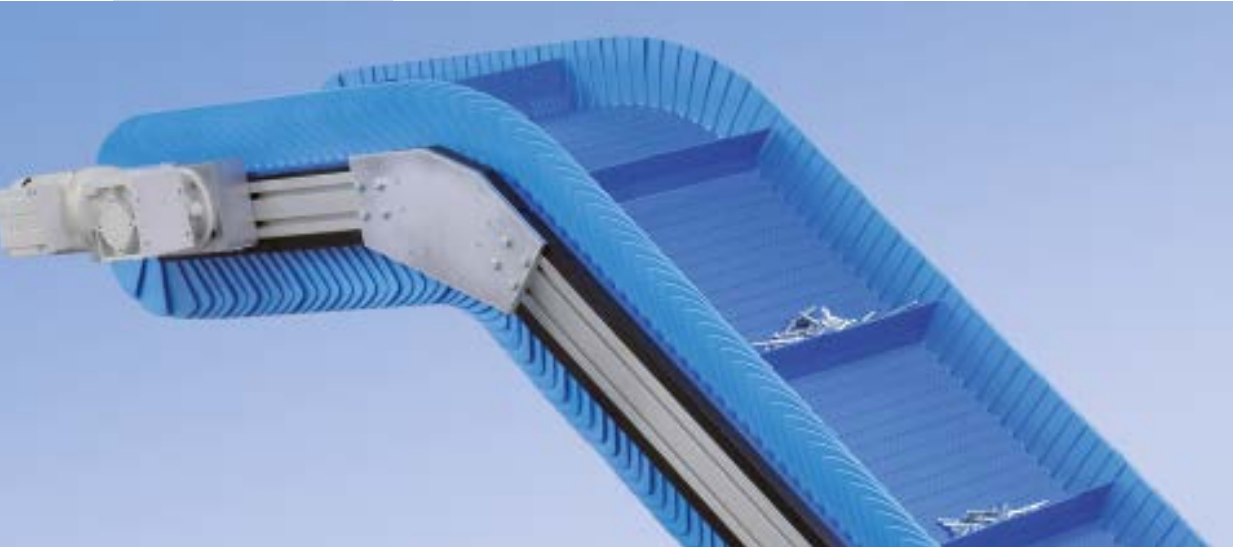
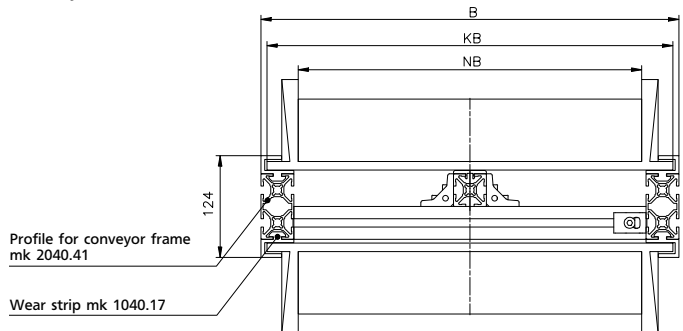
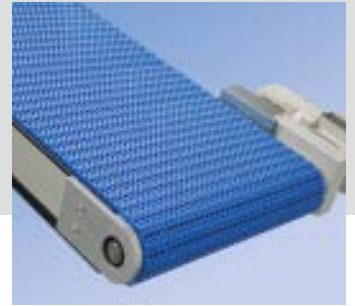


Incline Conveyors Modular Belts KFM-P 2040



Conveyor frame cross-section





The KFM-P 2040 conveyor system with its compact conveyor frame structure, is outstandingly suited for integration in existing machines or as a mobile transport unit, for the filling of containers, for example. The plastic modular belt chain, completely guided in PE 1000 wear strips, is used, for example, for transporting slugs

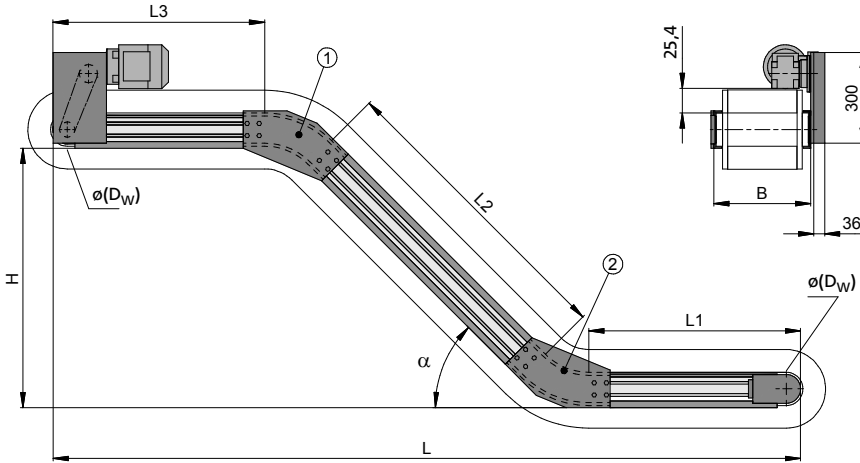
or molded plastic parts, light punched parts or food products. The material of the modular belt chains offers a high level of wear-resistance and abrasion resistance. Due to different chain materials the conveyor system is suitable for food products, high temperatures, and it is chemically resistant. Accessories, such as

side plates and lateral cleat profiles are also included in the product range. Accessories, such as hoppers and discharge chutes are easy to attach on the T-slots of the profile. Depending on the goods to be conveyed, please see our other incline conveyors with belt or flat top chain.

KFM-P 2040 AC

Incline conveyor modular belt with head drive standard

Type S: B20.40.810, type K: B20.40.811, type L: B20.40.812



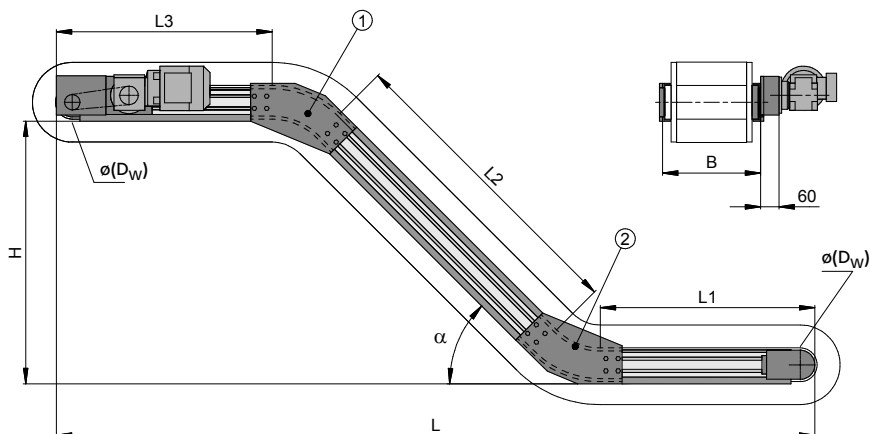
mk offers a variety of motor options for drive version AC which are sized and selected for each application's specific speed and load requirements. The molded drive sprockets conform to the underside of the belt and ensure proper grip and tracking.

	Dimensions – technical information	Notes
Conveyor length L (L1+L2+L3)	depending on conveyor design and load to 4000 mm	any increment possible
Conveyor width B	depend. on chain type from app. 200-1000 mm	see page 126
Drive location	discharge side left/right below/above	
Drive and speed	to 30 m/min (100 ft/min)	see chart on page 12
Stands		see page 124
Load capacity	total load to 100 kg (220 lbs) section load to 50 kg/m, 15 kg/field	see chart on page 114
Bends α 1 and 2	30, 45 and 60°	other on request
Effective diameter (D_w)	chain S8=99,7 mm; chain S10=98 mm	

KFM-P 2040 AS

Incline conveyor modular belt with outside head drive

Type S: B20.40.813, type K: B20.40.814, type L: B20.40.815



The overall height of the conveyor is held to an absolute minimum. The molded drive sprockets positively engage with the underside of the belt and ensure proper grip and tracking.

	Dimensions – technical information	Notes
Conveyor length L (L1+L2+L3)	depending on conveyor design and load to 10000 mm	any increment possible
Conveyor width B	depend. on chain type from app. 200-1000 mm	see page 126
Drive location	discharge side left/right	
Drive and speed	to 30 m/min (100 ft/min)	see chart on page 12
Stands		see page 124
Load capacity	total load to 100 kg (220 lbs) section load to 50 kg/m, 15 kg/field	see chart on page 114
Bends α 1 and 2	30, 45 and 60°	other on request
Effective diameter (D _w)	chain S8=99,7 mm; chain S10=98 mm	

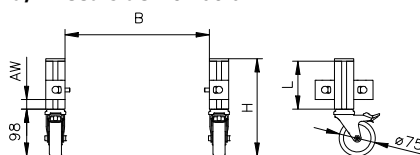
KFM-P 2040

Stands

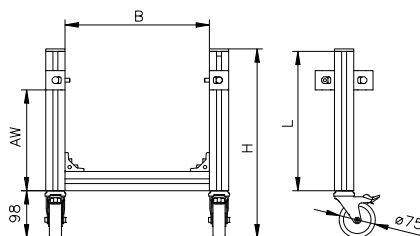
Stand, incline conveyor, type ECO

The stand, developed especially for the incline conveyor and incline conveyor modular belt, is characterized by its simplicity and light structure with the mk profile 2040.40.

Stand, infeed side B67.06.014

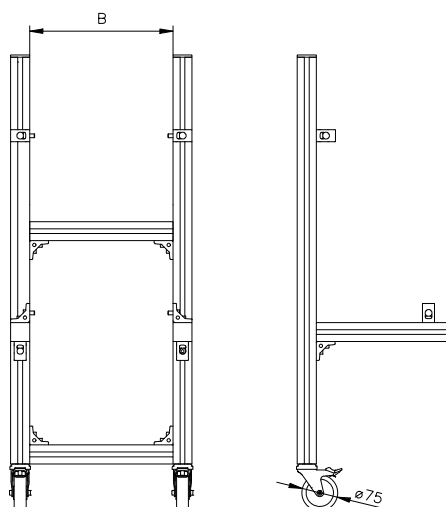


Feed height (ELH) = 166-349 mm

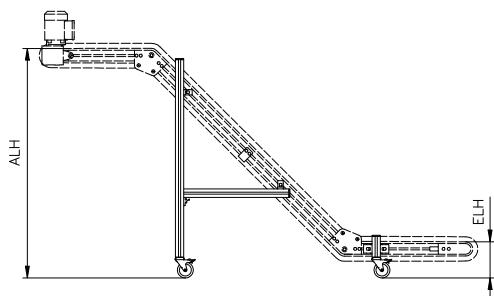


Feed height (ELH) = 350-500 mm

Stand, discharge side B67.06.015

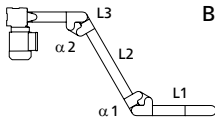
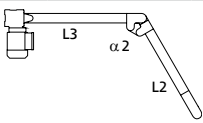
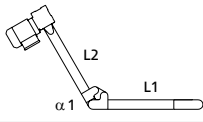


The swivel casters used can be completely arrested in place and thus guarantee safe stance, even at high transport speeds. Depending on the configuration, the stand is adapted in height and width, see the ordering example on the right.



- ELH = Feed height
- ALH = Discharge height
- B = Conveyor frame width
- H = Height of the stand
- L = Length of the standard profile
- AW = Distance of the angle bracket to the profile edge

Order example

KFM-P 2040 type S (B20.40.810) Drive version AC, motor orientation 0° as shown Speed 15 m/min Width B = 460 mm Length L1 = 500 mm; L2 = 1000 mm; L3 = 600 mm Bend $\alpha_1 = 60^\circ$; bend $\alpha_2 = 60^\circ$ Cleat height H1/S8 = 25,4 mm (see p. 127) Stand, incline conveyor, type ECO Feed height ELH = 200 mm Discharge height ALH = 1200 mm	<i>Type configuration</i>			
		Drive	AC	AS
	Type S 	B20.40. ...	810	813
	Type K 	B20.40. ...	811	814
Type L 	B20.40. ...	812	815	

Modular belt chains

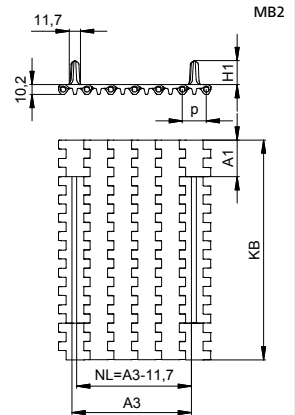
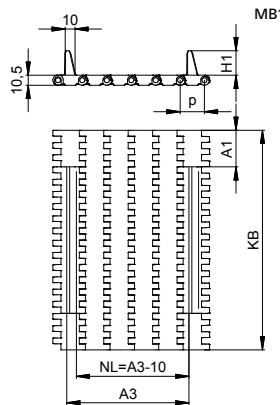
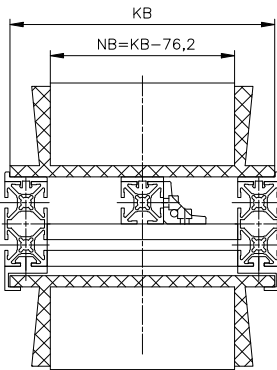
Depending on the customer requirement, mk offers two modular belt chains series for the modular conveyor system. Series 8 modular belt chains are suitable for transport of medium-heavy to heavy goods, such as containers, bottles, boxes, etc. in industrial applications. Series 10 is suitable for transport of light to medium-heavy goods in hygiene-sensitive areas.

The side plates are available in heights of 25, 50, 75, and 100 mm and in the colors, light blue and white.

Series 8 (S8) K11455		Series 10 (S10) K11455	
Belt width [mm]	Chain width [mm]	Belt width [mm]	Chain width [mm]
218.00	203.20	206.00	190.50
269.00	254.00	263.00	247.65
320.00*	304.80*	320.00*	304.80*
371.00	355.60	358.00	342.90
409.00	393.70	416.00	400.50
460.00	444.50	472.00	457.20
510.00*	495.30*	510.00*	495.30*
561.00	546.10	568.00	552.45
612.00	596.90	606.00	590.55
663.00*	647.70*	663.00*	647.70*
714.00	698.50	720.00	704.85
764.00	749.30	758.00	742.95
815.00*	800.10*	815.00*	800.10*
866.00	850.90	872.00	857.25
917.00	901.70	910.00	895.35
968.00*	952.50*	968.00*	952.50*
1018.00	1003.30	1006.00	990.60

*Belt width/chain width is identical for series 8 and 10.

Here it is possible to interchange, chains without changes on the conveyor frame.



Modular belt type	Series 8 (S8)	Series 10 (S10)
Cleat height H1	25,4 mm and 76,2 mm others on request	25 mm and 100 mm others on request
Cleat spacing A3	25,4 mm increments	25,4 mm increments
Pitch p	25,4 mm	25,4 mm
Belt thickness	10,5 mm	10,2 mm
Min. cleat edge clearance A1	for KFM 38,1 mm	for KFM 38,1 mm
FDA/USDA suitability	partial	FDA approval
Material	<p>PP: + 5 - + 100°C color: white, light gray</p> <p>POM: - 45 - + 90°C color: blue</p> <p>POM CR: - 45 - + 90°C color: anthracite</p> <ul style="list-style-type: none"> ■ particularly impact resistant and cut resistant ■ good cleaning ■ minimized scoring ■ minimal danger of material separation 	<p>PE: - 70 - + 65°C color: white, light blue</p> <p>PP: + 5 - + 100°C color: white, light blue</p> <p>POM: - 45 - + 90°C color: white, light blue</p>