



» Suitable for mobile use for incline conveying of small parts. «



The KFG-P 2000 and KFG-P 2000 ECO conveyor systems are based on the mk 2000 profile and their compact conveyor frame design makes them ideal for demanding continuous duty in multi-shift operation. As with all mk belt conveyor systems, the round driving rolls make it easy to adjust the belt. On inclines, the belt is guided by welded-on longitudinal profiles.

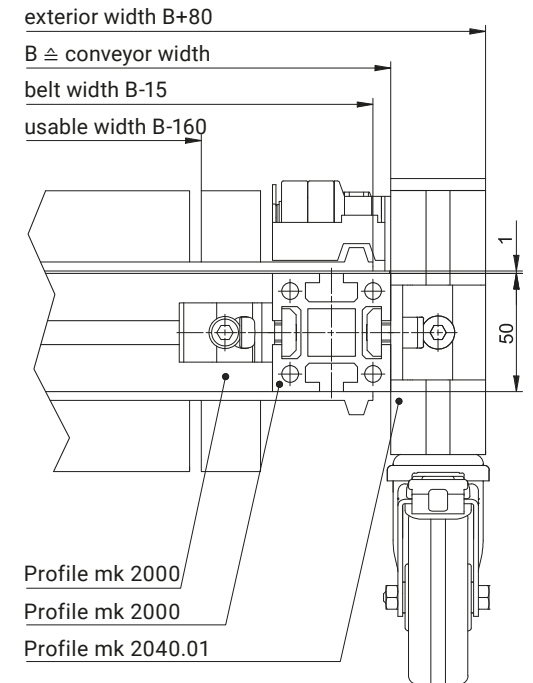
Another quality feature is the stainless steel sheet installed below the belt running surface, which ensures long-term wear resistance. This conveyor system is primarily used to transport small parts (made from plastic, for instance).

The modular design of the conveyor system combined with the general advantages of profile technology make the conveyor well suited for integration into existing systems or for use as a mobile transport unit (e.g. for filling containers).

## Benefits of the KFG-P 2000

- Incline conveying for connecting different heights
- Moving transport unit for mobile use
- Ideal for integration into existing systems
- Compliant with the applicable Machinery Directive and occupational safety regulations – additional protective device guard not required
- Belts can be replaced with little work
- Optional cycling operation and control with a frequency inverter
- Optional motor overload switch

### Cross Section

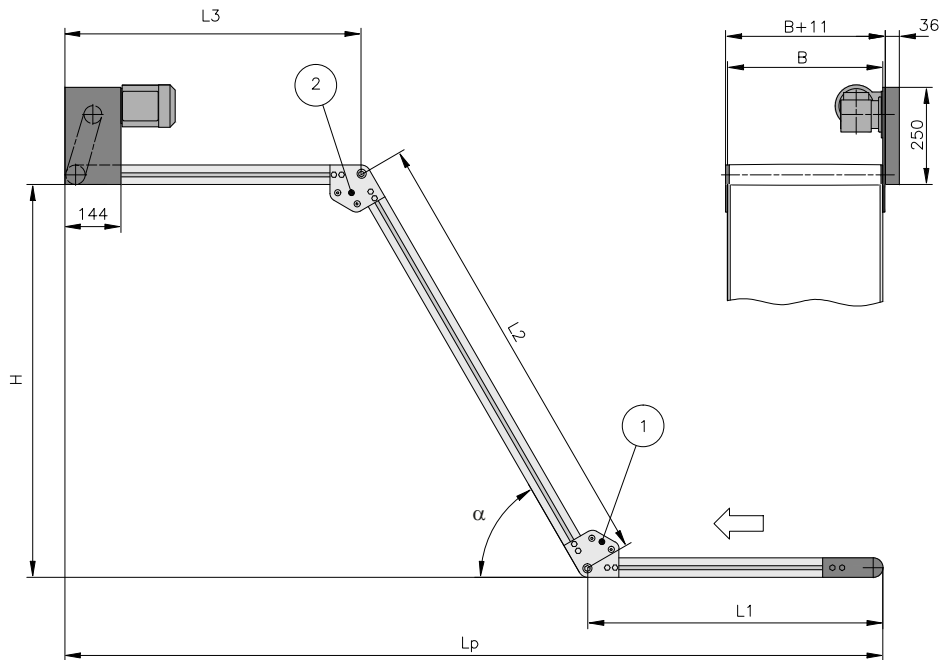




### AC – Standard head drive

B20.00.010

The compact conveyor frame design with the most popular drive options makes it easy to integrate the conveyor into existing systems. The  $\varnothing$  53 mm driving roller ensures excellent transmission of the motor power.



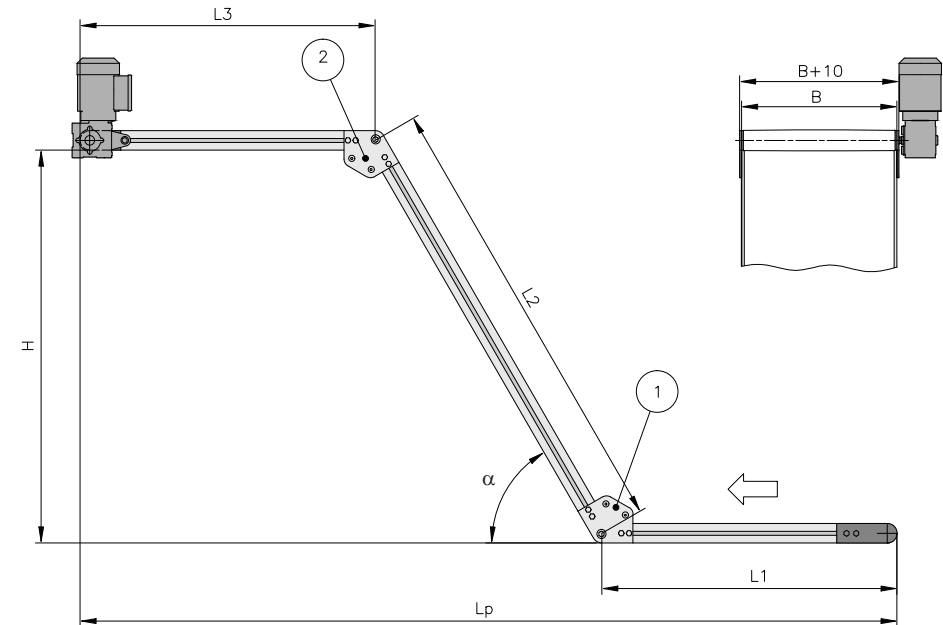
#### Technical data

<b>Conveyor length L (L1+L2+L3)</b>	variable up to approx. 4000 mm L1/L3 min. = 400, L2 min. = 600	
<b>Conveyor width B</b>	300 to 700 mm (in 100 mm increments)	others on request
<b>Drive location</b>	discharge end left/right, underneath/above	
<b>Drive and speed</b>	up to 15 m/min	others on request
<b>Stand and side rail</b>		from p. 82
<b>Standard total load</b>	up to 40 kg	higher on request
<b>Standard distributed load</b>	up to 25 kg/m, 5 kg/compartment	others on request
<b>Belt incline <math>\alpha</math></b>	30, 45 and 60°	others on request
<b>Conveyed product</b>	height up to 55 mm, length up to 300 mm	others on request
<b>Belt</b>	GU-V0106-028DG up to 500 mm conveyor width, GU-U0310-029DG from 500 mm conveyor width	from p. 98

### AF – Direct head drive

B20.00.010

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.



#### Technical data

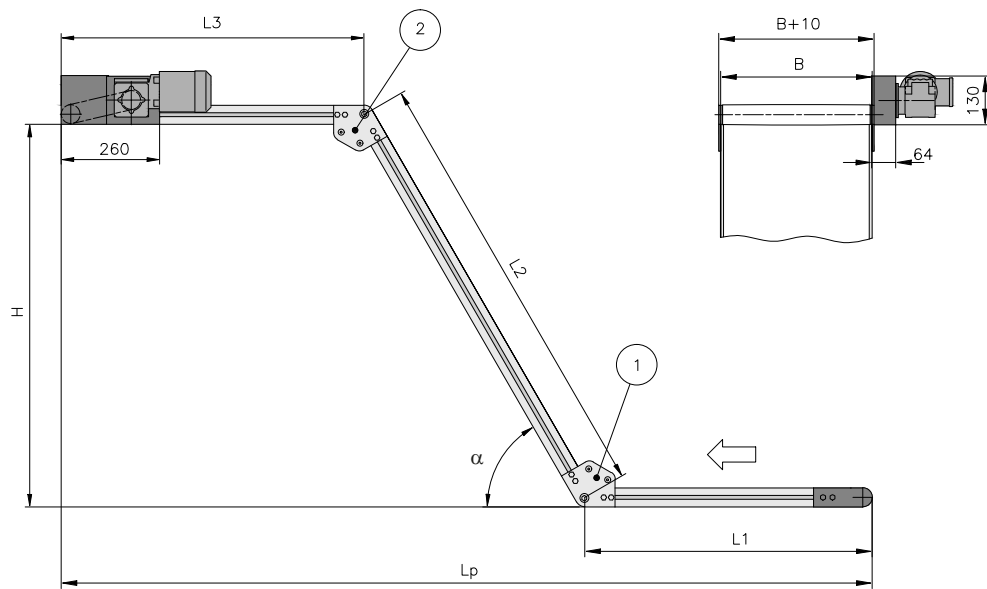
<b>Conveyor length L (L1+L2+L3)</b>	variable up to approx. 4000 mm L1/L3 min. = 400, L2 min. = 600	
<b>Conveyor width B</b>	300 to 700 mm (in 100 mm increments)	others on request
<b>Drive location</b>	discharge end left/right	
<b>Drive and speed</b>	2.8, 5.5, 11.2, 15.2 m/min	others on request
<b>Stand and side rail</b>		from p. 82
<b>Standard total load</b>	up to 40 kg	higher on request
<b>Standard distributed load</b>	up to 25 kg/m, 5 kg/compartment	others on request
<b>Belt incline <math>\alpha</math></b>	30, 45 and 60°	others on request
<b>Conveyed product</b>	height up to 55 mm, length up to 300 mm	others on request
<b>Belt</b>	GU-V0106-028DG up to 500 mm conveyor width, GU-U0310-029DG from 500 mm conveyor width	from p. 98



AS – Head drive, laterally on the outside, compact

B20.00.010

The drive located laterally on the outside allows the total height of the conveyor to be restricted to a minimum. The compact conveyor frame design makes it easy to integrate the conveyor into existing systems. The  $\varnothing 53$  mm driving roller ensures excellent transmission of the motor power.



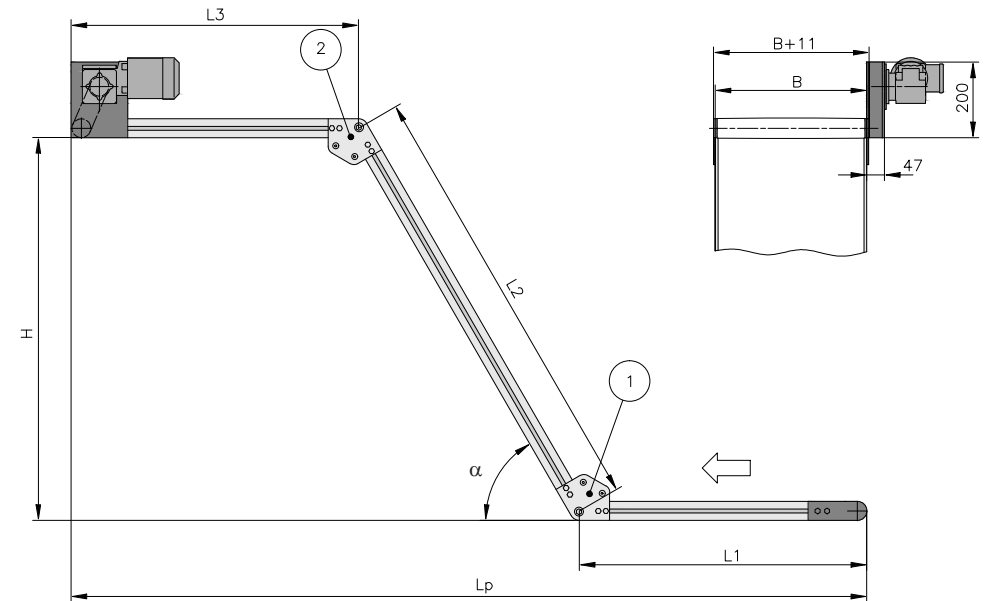
Technical data

<b>Conveyor length L (L1+L2+L3)</b>	variable up to approx. 4000 mm L1/L3 min. = 400, L2 min. = 600	
<b>Conveyor width B</b>	300 to 700 mm (in 100 mm increments)	others on request
<b>Drive location</b>	discharge end left/right	
<b>Drive and speed</b>	up to 15 m/min	others on request
<b>Stand and side rail</b>		from p. 82
<b>Standard total load</b>	up to 40 kg	higher on request
<b>Standard distributed load</b>	up to 25 kg/m, 5 kg/compartment	others on request
<b>Belt incline <math>\alpha</math></b>	30, 45 and 60°	others on request
<b>Conveyed product</b>	height up to 55 mm, length up to 300 mm	others on request
<b>Belt</b>	GU-V0106-028DG up to 500 mm conveyor width, GU-U0310-029DG from 500 mm conveyor width	from p. 98

AU – Head drive, laterally on the outside

B20.00.010

The advantage of the drive version AU is that the motor is fitted on the outside of the conveyor belt. The compact conveyor frame design makes it easy to integrate the conveyor into existing systems. The  $\varnothing 53$  mm driving roller ensures excellent transmission of the motor power.



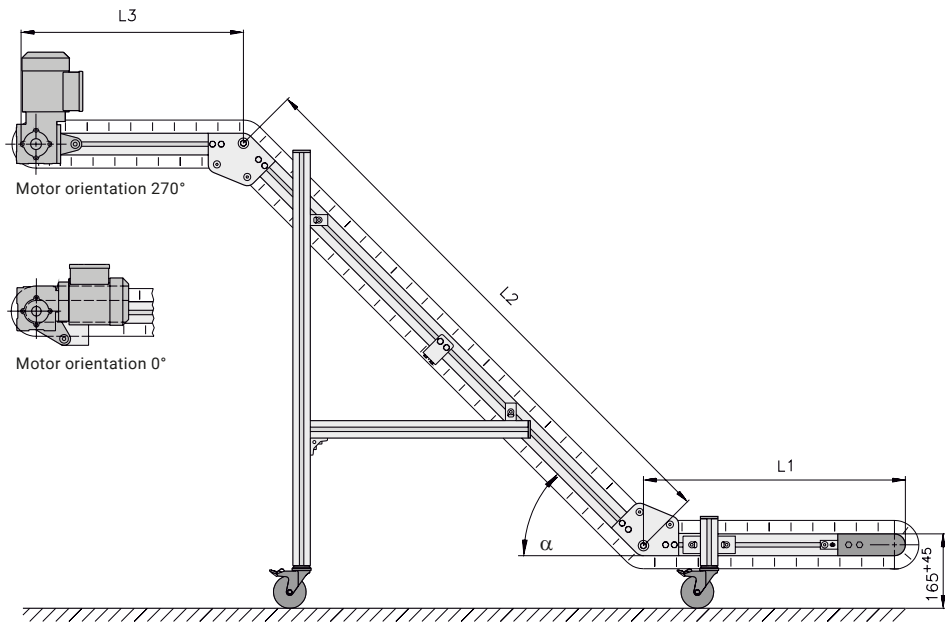
Technical data

<b>Conveyor length L (L1+L2+L3)</b>	variable up to approx. 4000 mm L1/L3 min. = 400, L2 min. = 600	
<b>Conveyor width B</b>	300 to 700 mm (in 100 mm increments)	others on request
<b>Drive location</b>	discharge end left/right, underneath/above	
<b>Drive and speed</b>	up to 15 m/min	others on request
<b>Stand and side rail</b>		from p. 82
<b>Standard total load</b>	up to 40 kg	higher on request
<b>Standard distributed load</b>	up to 25 kg/m, 5 kg/compartment	others on request
<b>Belt incline <math>\alpha</math></b>	30, 45 and 60°	others on request
<b>Conveyed product</b>	height up to 55 mm, length up to 300 mm	others on request
<b>Belt</b>	GU-V0106-028DG up to 500 mm conveyor width, GU-U0310-029DG from 500 mm conveyor width	from p. 98

Version ECO

B20.00.015

ECO stands for economy: which means high quality materials and meeting customer requirements at an attractive price. The limited number of options ensures fast delivery and high availability. With the optimal ratio of effective width to total width, the conveyor is ideal for integration in existing systems. Its mobility means it can be used as a versatile transport unit for filling containers or pallet cages.

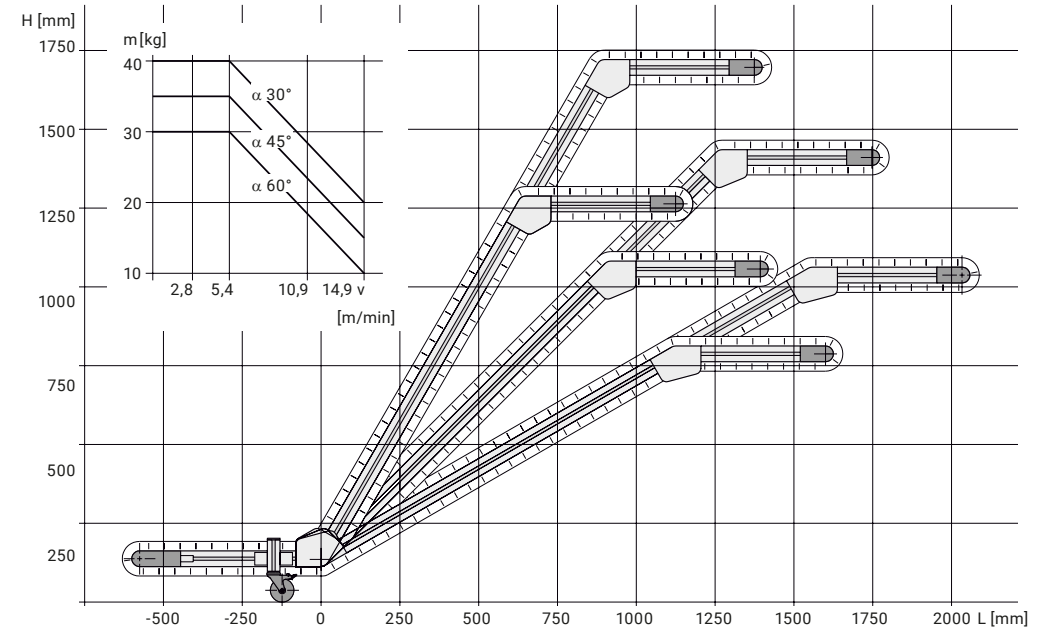


Technical data

<b>Conveyor length L (L1+L2+L3)</b>	2400/2900 mm (L1 = 600 mm, L2 = 1300/1800 mm, L3 = 500 mm)
<b>Conveyor width B</b>	400, 500, 600 mm (usable width: B-160 mm)
<b>Drive location</b>	discharge end left/right, above, 270° motor orientation, 0° for surcharge
<b>Drive and speed</b>	2.8; 5.5; 11.2; 15,2 m/min, others on request or with frequency inverter
<b>Load capacity</b>	depending on conveying angle and speed, up to 40 kg
<b>Belt incline <math>\alpha</math></b>	30, 45 and 60°
<b>Conveyed product</b>	height up to 55 mm, length up to 300 mm, weight up to 5 kg/compartment
<b>Belt</b>	GU-V0106-028DG
<b>Cleats and side walls</b>	high transverse cleats MT30 and 30 mm side wall, polyurethane, green with L2=1300, 16 transverse cleats with 303 mm between cleats with L2=1800, 19 transverse cleats with 308 mm between cleats

Options ECO

B20.00.015



See the table for the optimal option for your application. Without additional specifications, the conveyor is designed with a top, front left, 270° drive location and speed of 5.4 m/min.

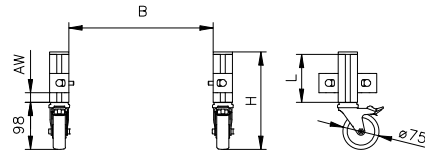
<b>Option (L2 1300 mm)</b>	A1	A2	A3	A4	A5	A6	A7	A8	A9
<b>Conveyor width B [mm]</b>	400	400	400	500	500	500	600	600	600
<b>Belt incline <math>\alpha</math></b>	30°	45°	60°	30°	45°	60°	30°	45°	60°
<b>Option (L2 1800 mm)</b>	B1	B2	B3	B4	B5	B6	B7	B8	B9
<b>Conveyor width B [mm]</b>	400	400	400	500	500	500	600	600	600
<b>Belt incline <math>\alpha</math></b>	30°	45°	60°	30°	45°	60°	30°	45°	60°

## KFG-P 2000

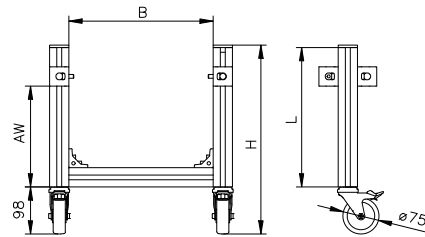
### Stand Type ECO

The stand was developed specially for the incline conveyor belt and incline conveyor modular belt and is characterised by its simplicity and light-weight design with the mk 2040.40 profile.

#### Infeed End Stand B67.06.014

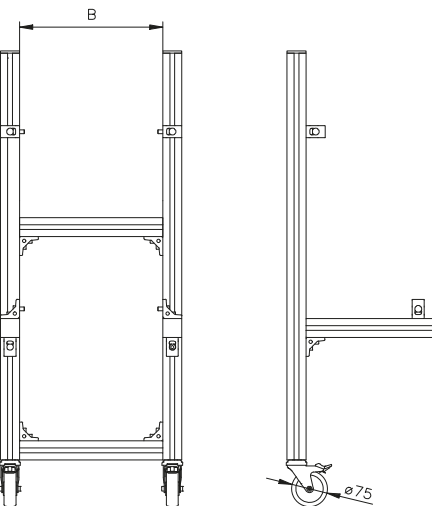


Infeed height (ELH) = 166–349 mm

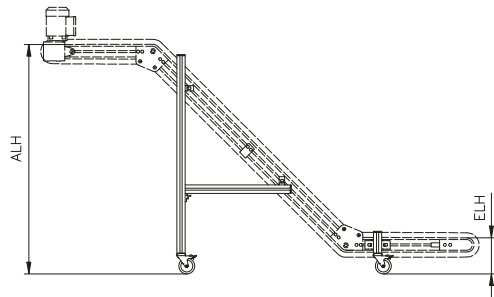


Infeed height (ELH) = 350–500 mm

#### Discharge End Stand B67.06.015

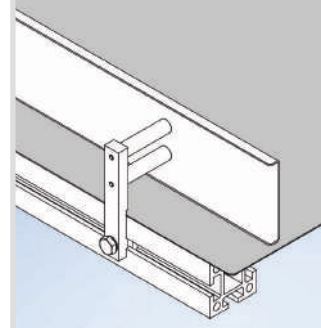


The swivel casters used have a total locking device, which guarantees a secure footing even at high transport speeds. The height and width of the stand is adapted based on the configuration; see the order example on the right.



ELH = infeed height  
ALH = discharge height  
B = conveyor width  
H = stand height  
L = length of the vertical profile  
AW = distance from the angle to the profile edge

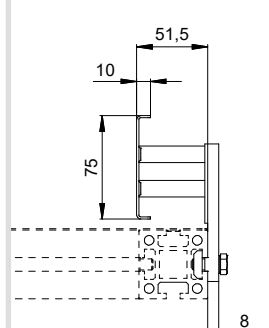
### Side Rail KFG-P 2000 ECO



The side rails are attached to the side of the conveyor frame profile and are used to position, restrict and keep the conveyed good in place during the conveying process. Side walls ensure the optimum seal to the belt. See page 105.

Height 75 mm,  
others on request

### B17.00.035



### Sample order

KFG-P 2000 type S (B20.00.010)

Drive AF, 90° motor orientation (as displayed)

Speed of 15 m/min

Conveyor width B = 500 mm

Conveyor length L1 = 500 mm;  
L2 = 1000 mm; L3 = 600 mm

Belt incline  $\alpha 1 = 60^\circ$ ; belt incline  $\alpha 2 = 60^\circ$

Cleat type T20 with side rail B17.00.035

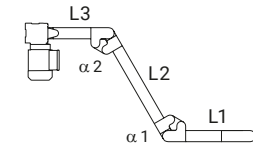
Stand, incline conveyor, type ECO

Infeed height ELH = 200 mm

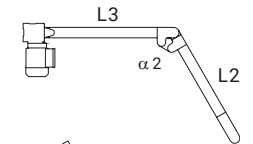
Discharge height ALH = 1200 mm

### Type designation

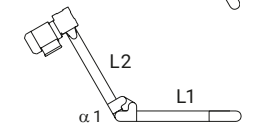
Type S



Type K



Type L







Incline conveyor belt KFG-P 2000 ECO with 60° incline, option B3 (B20.00.015-B3)



Incline conveyor belt KFG-P 2000 ECO with 45° incline, option B2 (B20.00.015-B2)



Incline conveyor belt KFG-P 2000 with side wall as a lateral boundary and transverse cleats



Incline conveyor belt KFG-P 2000 ECO with customer-specific dimensions



Incline conveyor belt KFG-P 2000 with head drive AS and side rail (B17.00.035)



Incline conveyor belt KFG-P 2000 with head drive AU and 45° incline



Incline conveyor belt KFG-P 2000 with head drive AC and side rail, belt guide via longitudinal cleats K10



Incline conveyor belt KFG-P 2000 with head drive AC and 30° incline

➔ Custom applications from page 404