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LA LIBERTÉ DE CONCEVOIR

FLAT BELT CONVEYORS

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FRENCH INDUSTRIAL LEADER

elcom has brought innovating solutions to the industry.
Our approach offers a complete freedom of design thanks to a unique range of flat belt conveyors and modular transfer system.

EXCLUSIVE item PARTNER

Our partnership with the German firm **item** since 1986 has opened a large expertise field and a worldwilde recognized network.
elcom's flat belt conveyor design, constructed from item's range of profiles, enables a great modularity.

GEOGRAPHICAL PRESENCE

Europe
France
Benelux
Italy
Germany
Spain

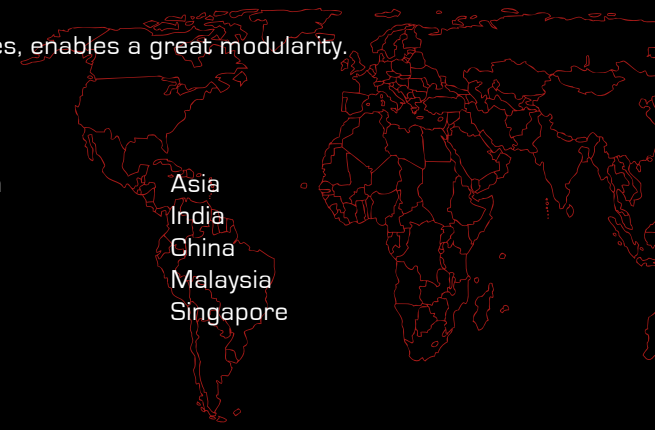
Scandinavia
Denmark
Finland
Norway
Sweden

North America
USA
Canada

South America

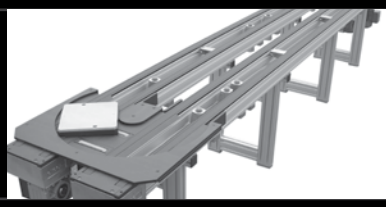
Australia

Asia
India
China
Malaysia
Singapore



COMPLETE RANGE AND NEW PRODUCTS

Our creations result from a wide range of products which is regurlarly enlarged by novelties.
They offer unlimited possibilities in terms of industrial modularity.



SERVICES

- **x** Strong production capacity and very high reactivity
- **x** Important stock, fast delivery
- **x** Preparation for kit delivery
- **x** Assembly of complete sets
- **x** Quotations based on customers' plans and sketches
- **x** Technical advices
- **x** CAD files library
- **x** Fast prototype abilities

All services on our website

www.elcom.fr

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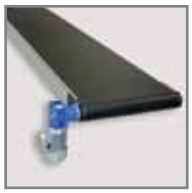
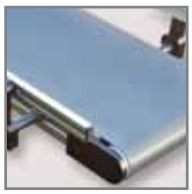
6		**FLAT BELT CONVEYORS 90**	44
7		**ACCESSORIES** Gear motors, belts, extremity Ø 21, plates, lower belt support, lateral guides, fastening plate, conveyor stands	54
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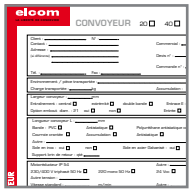
9		**FLAT BELT CONVEYOR DETERMINATION**	64

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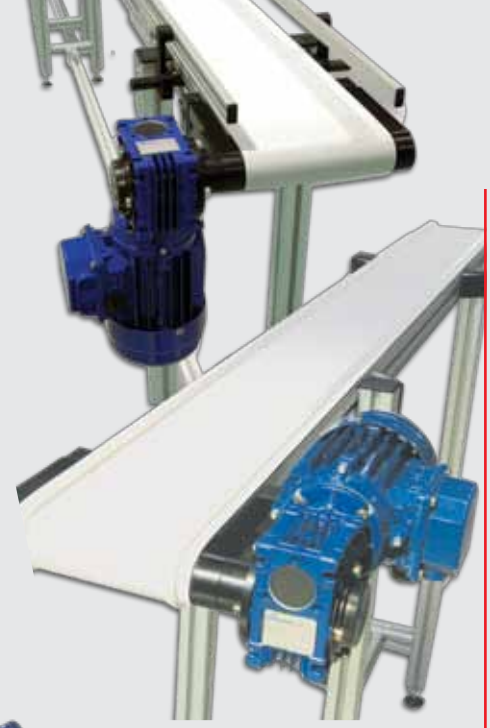


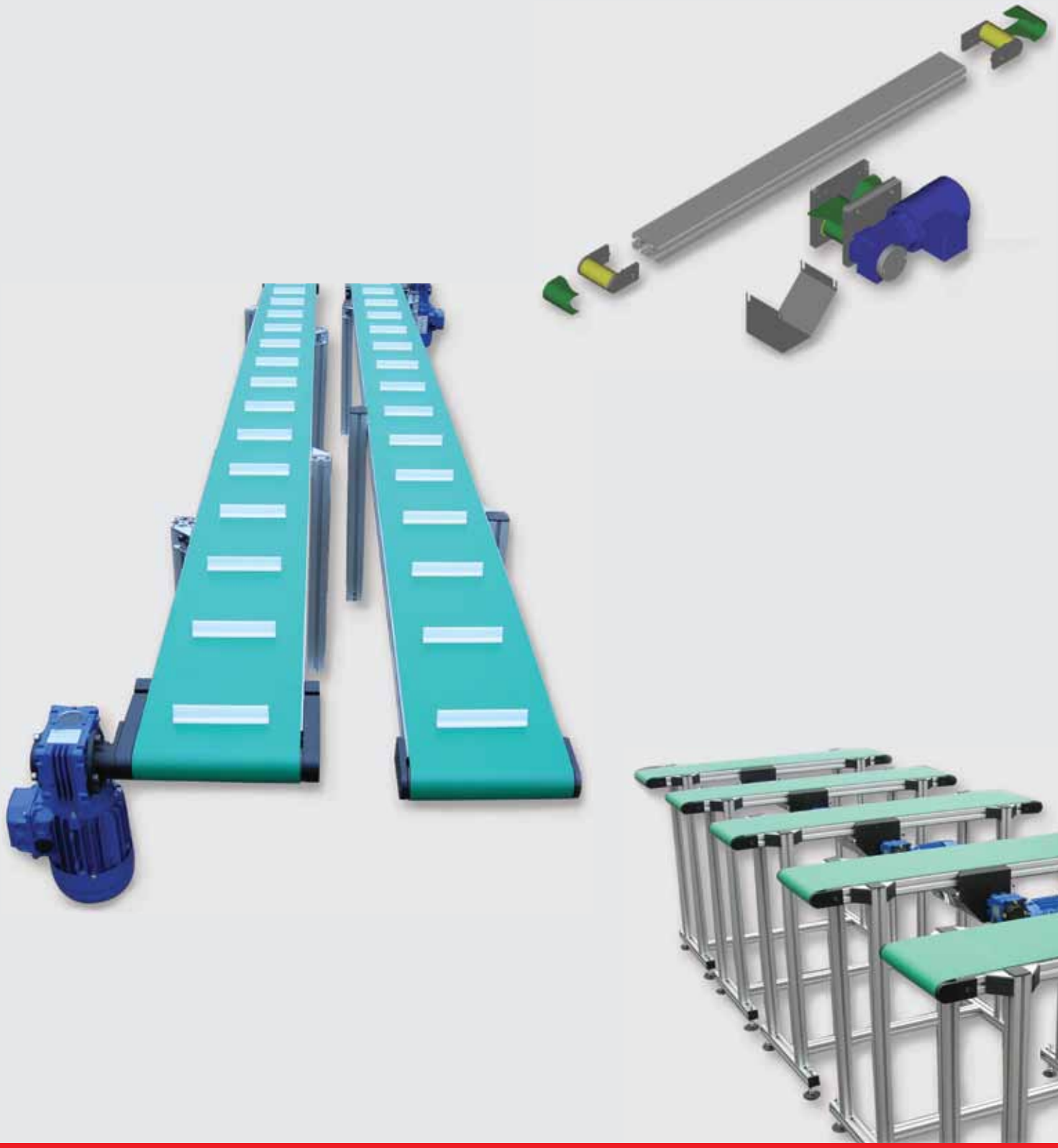
A complete range :

- central drive
- end drive
- below drive
- single belt
- double belt
- flat belt
- timing belt
- cleated belts
- timing belt with support of parts

Width 20 to 1000 mm.

Possible adaptation on request.

elcom's flat belt conveyor design, constructed from item's range of profiles, **enables a great modularity.**



The perfect complementarity between flat belt conveyors, profiles and transfer system will facilitate the realization of your ideas.

elcom it's also :

the range of profiles and accessories **item** ,

transfer with workpiece carriers.

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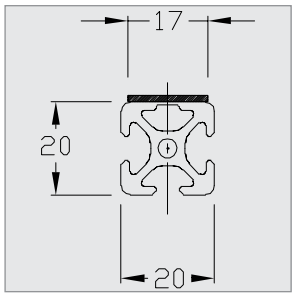
FLAT BELT CONVEYOR 20

Width 20

Central drive



Technical data

Flat belt conveyor for limited space required, built with profile 5 basis 20 mm for very small and light components.

- x Adjustable position of the drive along the profile.
- x Pulleys with ball bearings.
- x Optional stainless steel plate.
- x Easy assembly on profiles line 8.

Dimensions (mm)

- x Width A : 20
- x Length L : 200 to 3 000
- x Length of profile : LP = L - 31
- x Length of belt : Lc = (2xL+163) x 0,992
- x Width of belt : 17

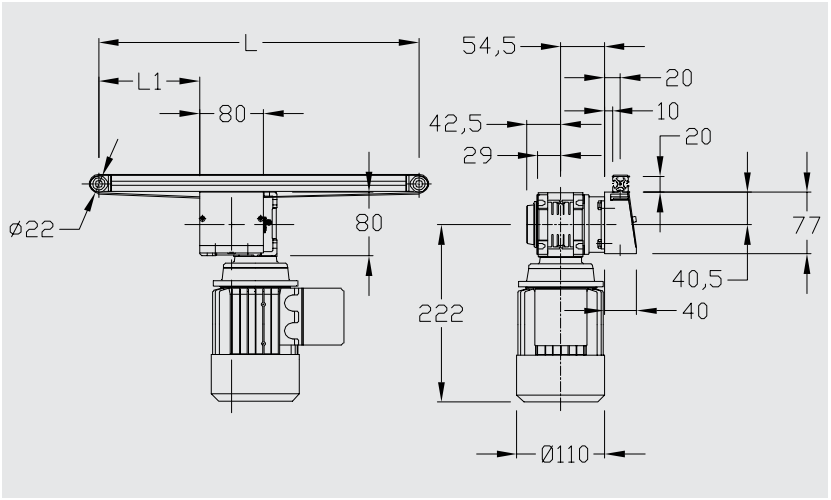
Gear motor

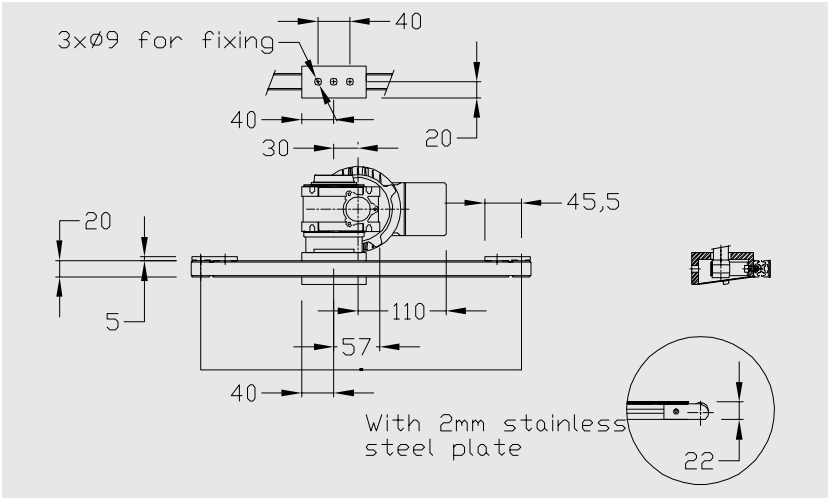
- x 230 single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 1 - 2 - 3 - 6 - 9 - 12 - 19
- x 24 VDC speed (m/min) +/- 10% : 3 - 4 - 8 - 13 - 19

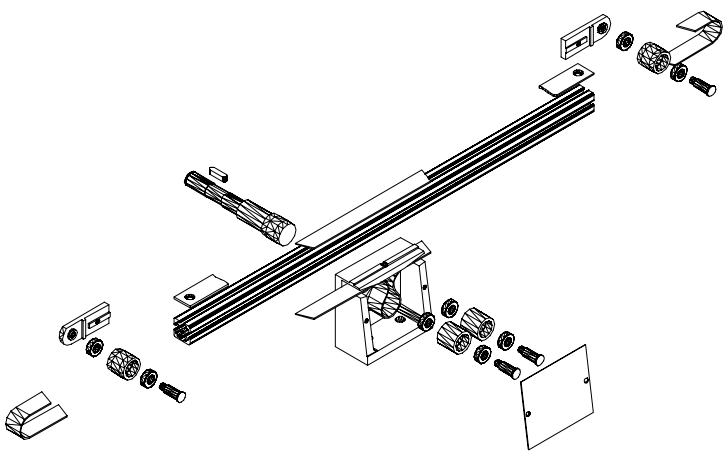
Polyurethane belt, maxi thickness : 1,3 mm

Belt rigidity with tension 1% : 5 N/mm maxi

Data and positions
Motors : see page 56
Belts : see page 57



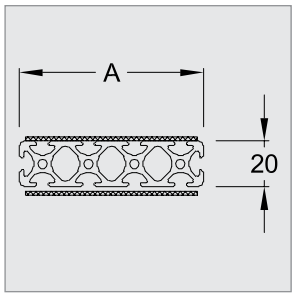




Reference C 020 10 000

Widths 40, 80, 160

Central drive



Technical data

Flat belt conveyor for limited space required, built with profile 5 basis 20 mm for very small and light components.

- x Adjustable position of the drive along the profile.
- x Pulleys with ball bearings.
- x Optional stainless steel plate.

Dimensions (mm)

- x Width A : 40 - 80 - 160
- x Length L : 300 to 3 000
- x Length of profile : LP = L-31
- x Length of belt : Lc = (2xL+285) x 0,995
- x Width of belt : A - 5

Gear motor

- x 230 V single-phase and 220/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12
- x 24 VDC on request

Belts

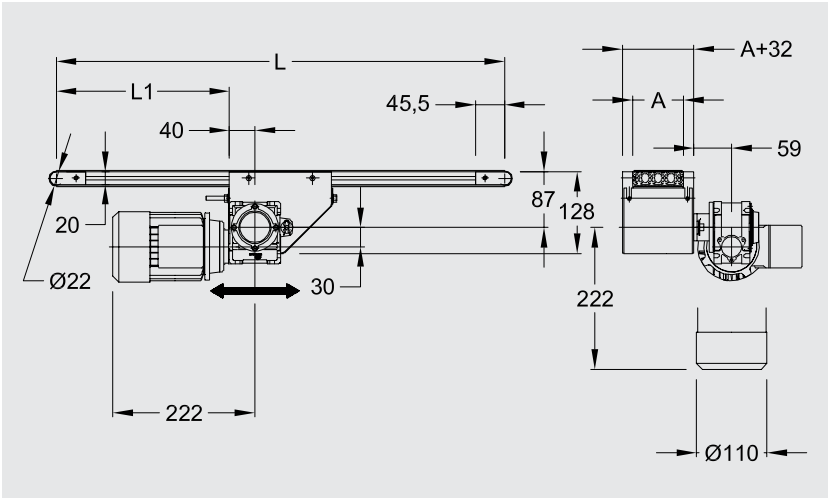
Polyurethane belts, maxi thickness : 1,3 mm

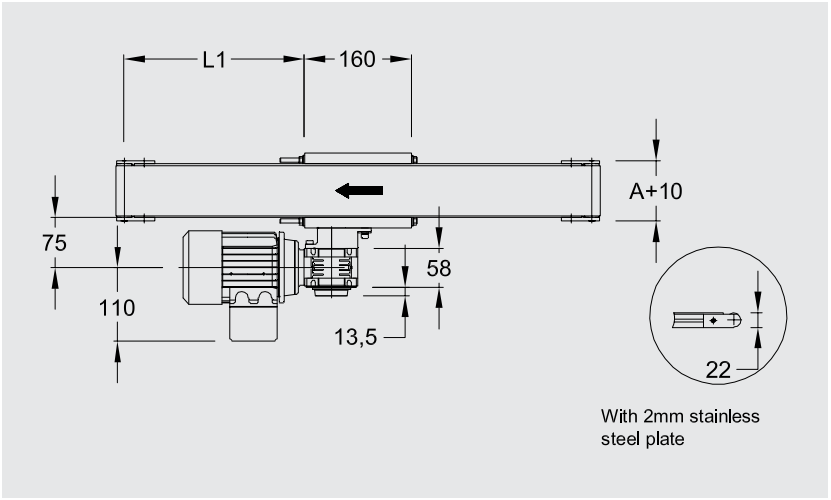
Installation tension : 0,5 % maxi

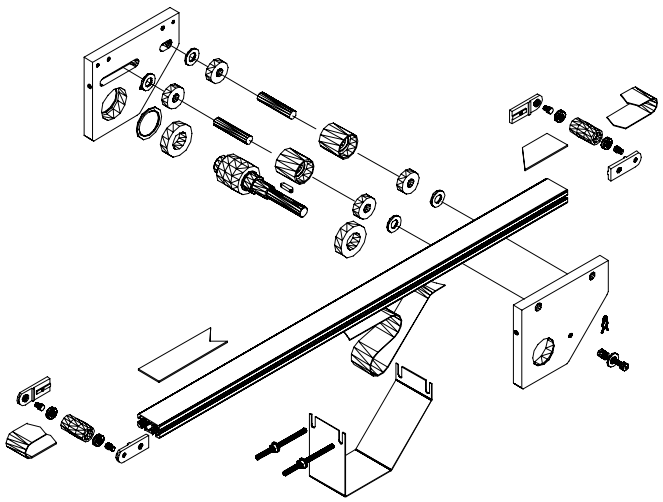
Belt rigidity with tension 1% : 5 N/mm maxi

Data and positions

Motors : see page 56
Belts : see page 57







References C 020 20 000
C 020 30 000
C 020 50 000

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FLAT BELT CONVEYOR 40

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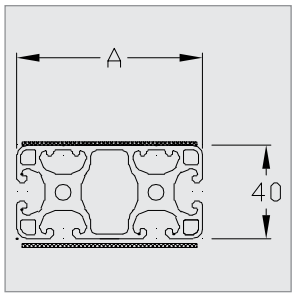
Central drive

Flat belt



Technical data

Comptact conveyor on profiles 8 basis 40 mm, for all kinds of components.

- x Adjustable position of the drive along the profile.
- x Steel pulleys with ball bearings.
- x Stainless steel plate from 200 to 400 mm, otherwise on option.

Dimensions (mm)

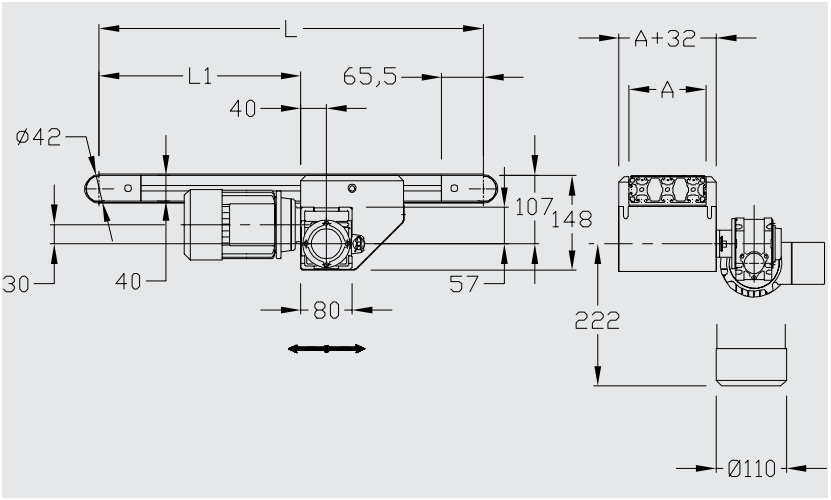
- x Width A : 40 - 80 - 120 - 160 - 200 - 250 - 300 - 400
- x Length L : 400 to 6 000
- x Length of profile : LP = L-50
- x Length of belt : Lc = (2xL+375) x 0,992
- x Width of belt : A - 5

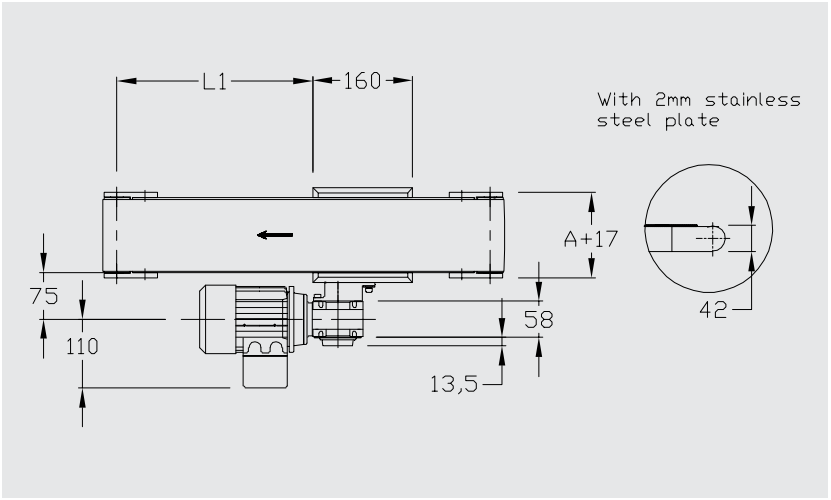
Gear motor

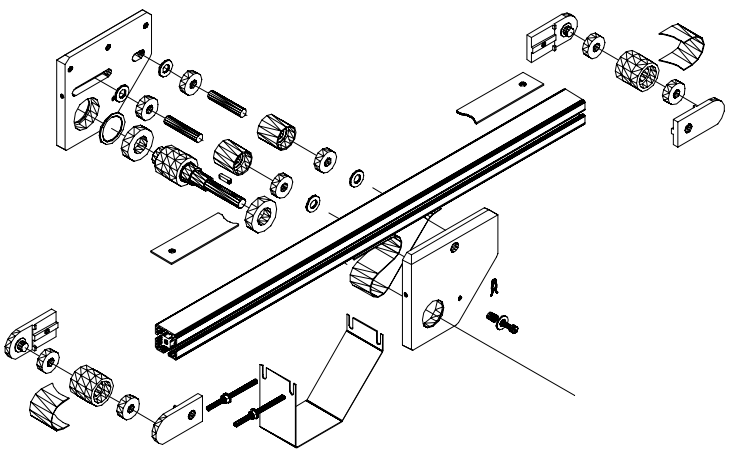
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

Recommended installation tension :
0,5 % maxi

Data and positions
Motors : see page 56
Belts : see page 57



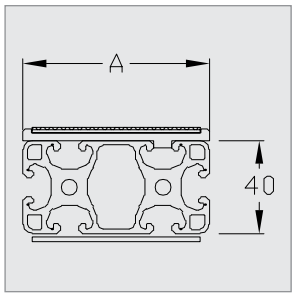




Reference C 040 10 000
eg. width A = 120
thus ref = C 120 10 000

Central drive

Timing belt



Technical data

Compact conveyor on profiles 8 basis 40 mm, for all kinds of components.
Positive driving belt for heavy loads.

- x Adjustable position of the drive along the profile.
- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.

Dimensions (mm)

- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-51
- x Length of belt : Lc = (2xL+368) x 0,999
- x Width of belt : 32 and 72 mm

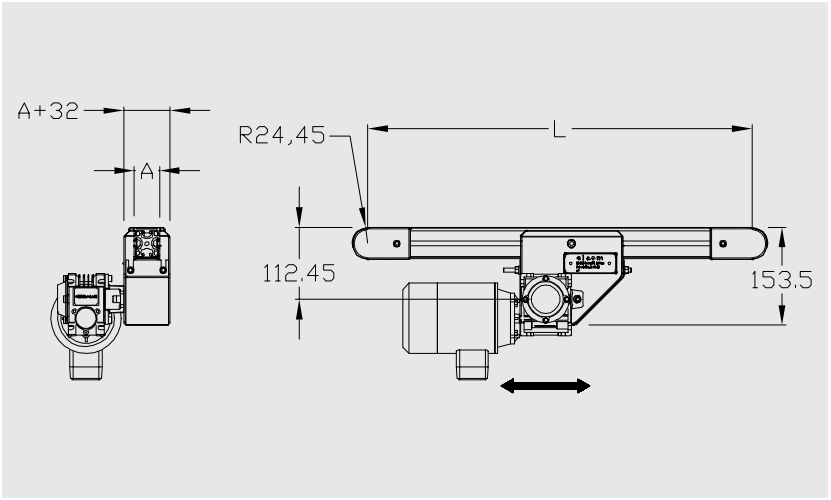
Gear motor

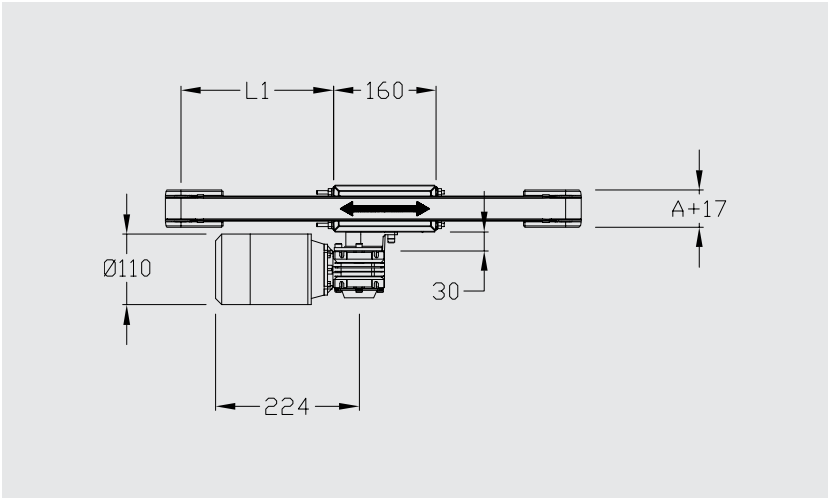
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

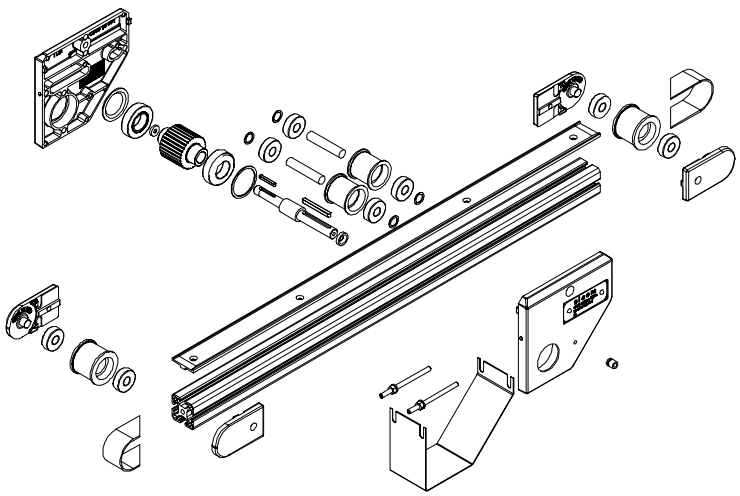
Installation tension : 0,1 %

Data and positions

Motors : see page 56
Belts : see page 57



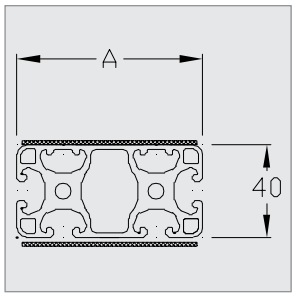




References C 040 11 000
C 080 11 000

End drive

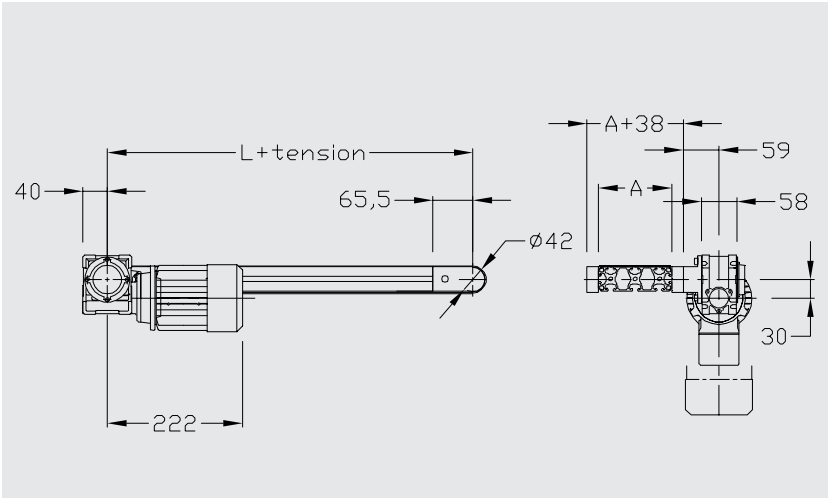
Flat belt



Technical data

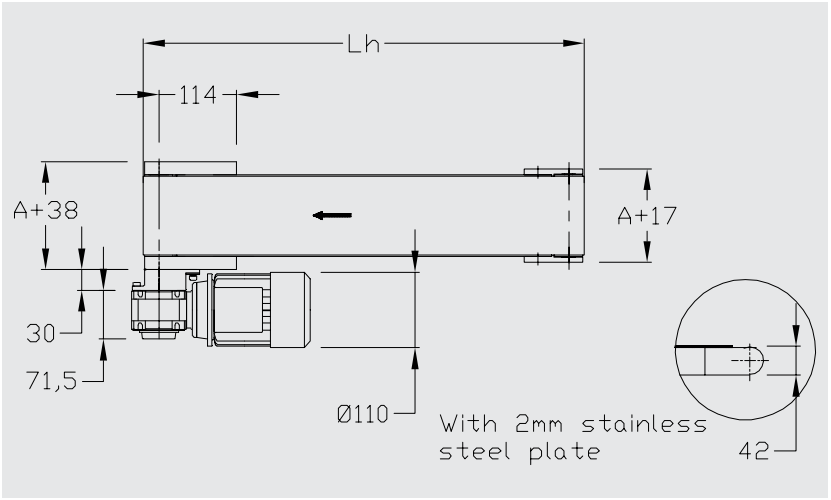
Compact conveyor on profiles 8 basis 40 mm, for all kinds of components. Particularly well adapted to the use of cleated belts.

- x Drive on extremity drive pulley.
- x Steel pulleys with ball bearings.
- x Stainless steel plate from 200 to 400, otherwise on option.



Dimensions (mm)

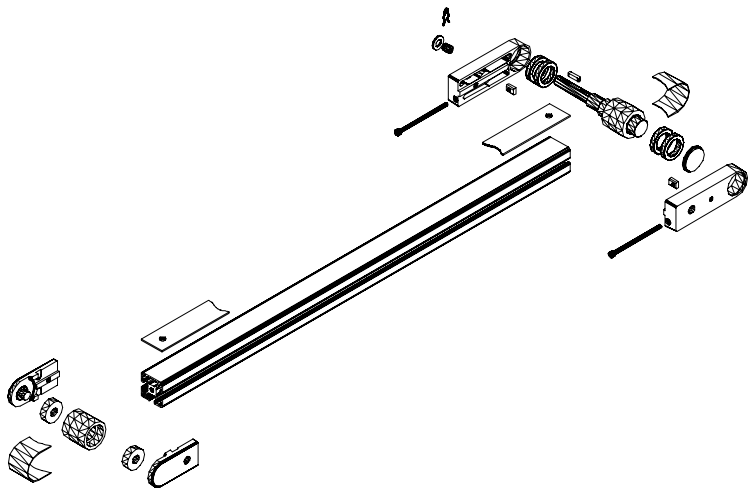
- x Width A : 40 - 80 - 120 - 160 - 200 - 250 - 300 - 400
- x Length L : 400 to 6 000
- x Length of profile : LP = L-52,5
- x Length of belt : Lc = (2xL) + 132
- x Width of belt : A-5
- x Overall length : Lh = L + 42 + 2 x thickness of belt + tension



Gear motor

- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

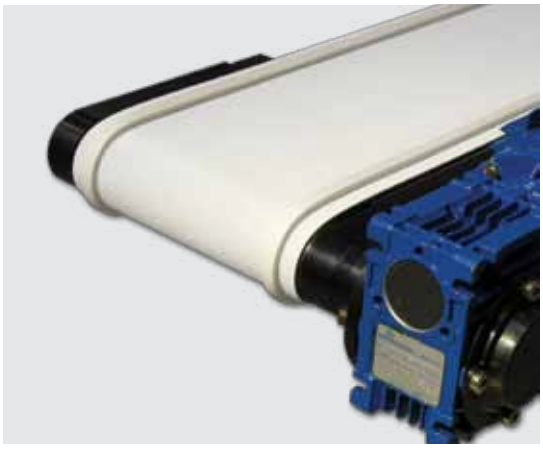
Installation tension : 0,5 % maxi



Data and positions

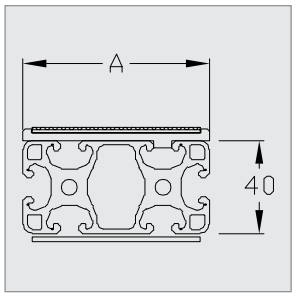
Motors : see page 56
Belts : see page 57

Reference C 040 50 000
eg. width A = 120
thus ref = C 120 50 000



End drive

Timing belt



Technical data

Compact conveyor on profiles 8 basis 40 mm, for all kinds of components.
Positive driving belt for heavy loads.

- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.

Dimensions (mm)

- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-68,5
- x Length of belt : Lc = (2xL+152) x 0,999
- x Width of belt : 32 and 72 mm

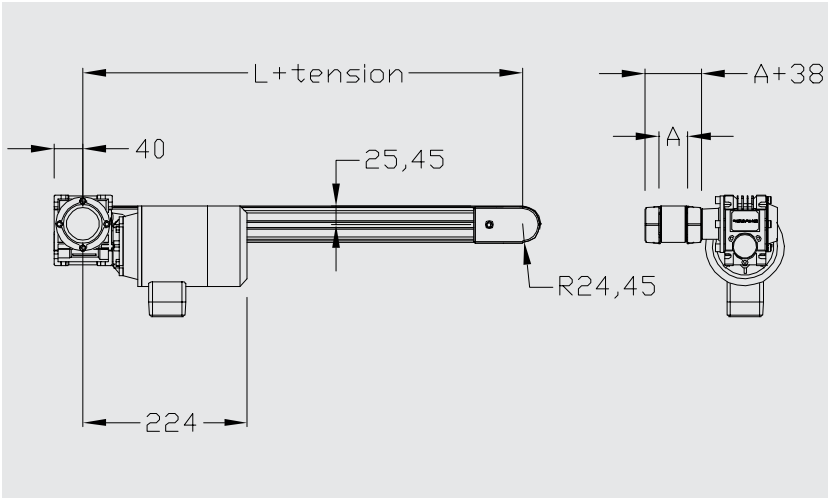
Gear motor

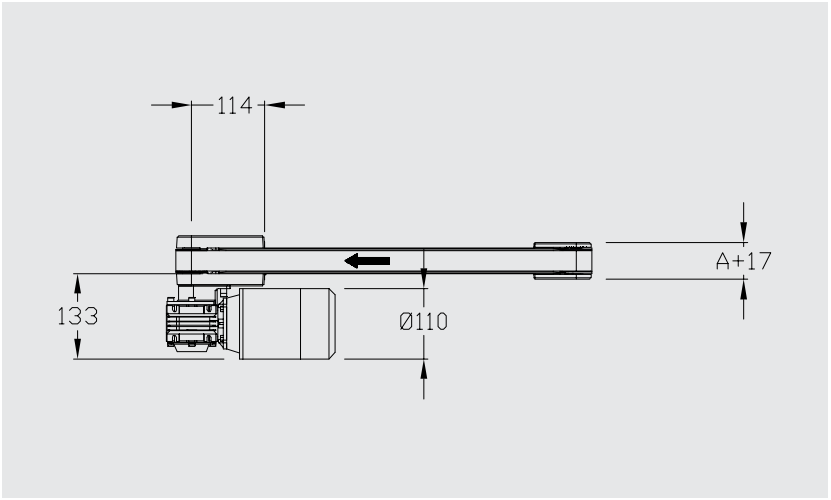
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

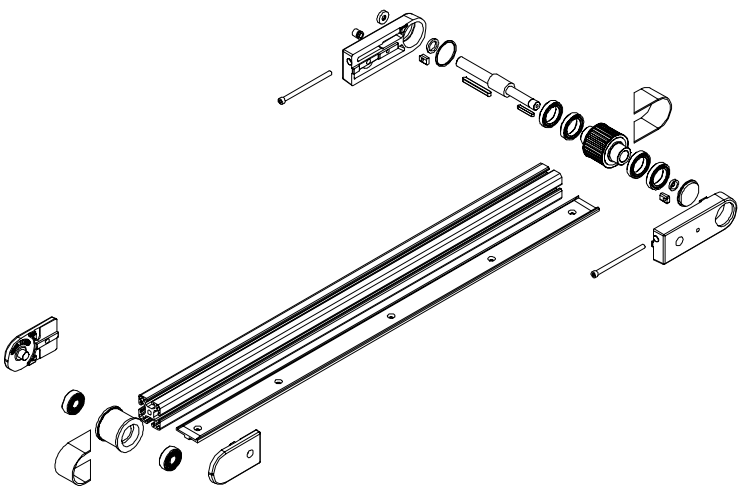
Installation tension : 0,1 %

Data and positions

Motors : see page 56
Belts : see page 57





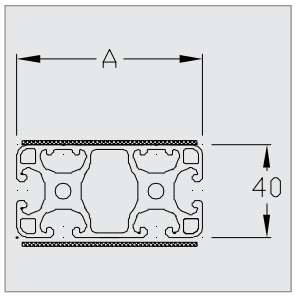


Reference C 040 51 000
eg. width A = 80
thus ref = C 080 51 000

End drive

Motor below

Flat belt



Technical data

Compact conveyor on profiles 8 basis 40 mm, for all kinds of components. Positioned below, the motor facilitates the integration.

- x Drive of the extremity pulley with timing belt 5 mm step width 32mm.
- x Steel pulleys with ball bearings.
- x Stainless steel plate from 200 to 400, otherwise on option.

Dimensions (mm)

- x Width A : 40 - 80 - 120 - 160 - 200 - 250 - 300 - 400
- x Length L : 400 to 6 000
- x Length of profile : LP = L-52,5
- x Length of belt : Lc = (2xL) + 132
- x Width of belt : A-5
- x Overall length : Lh = L + 42 x 2 thickness of belt + tension

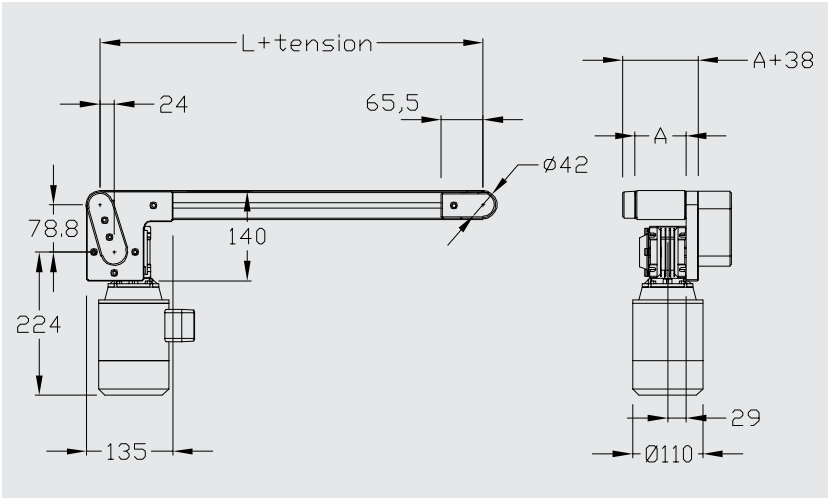
Gear motor

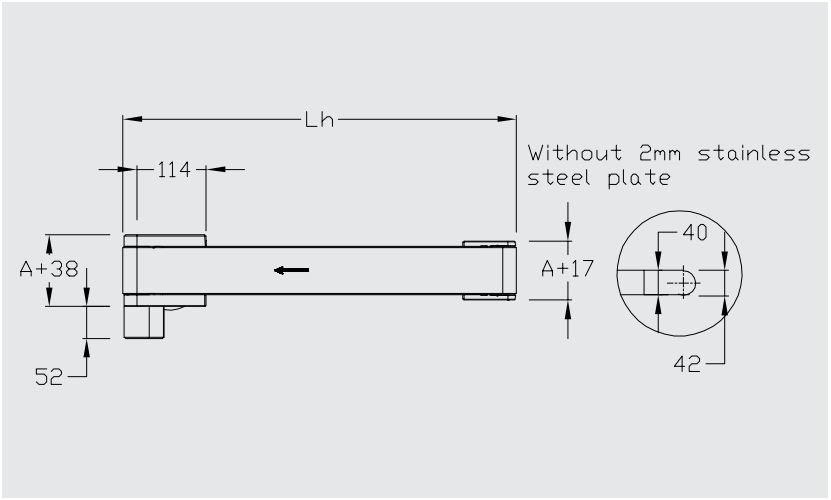
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

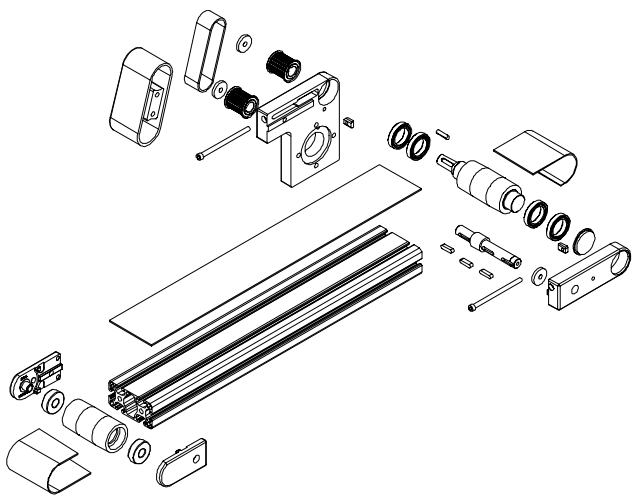
Installation tension : 0,5 % maxi

Data and positions

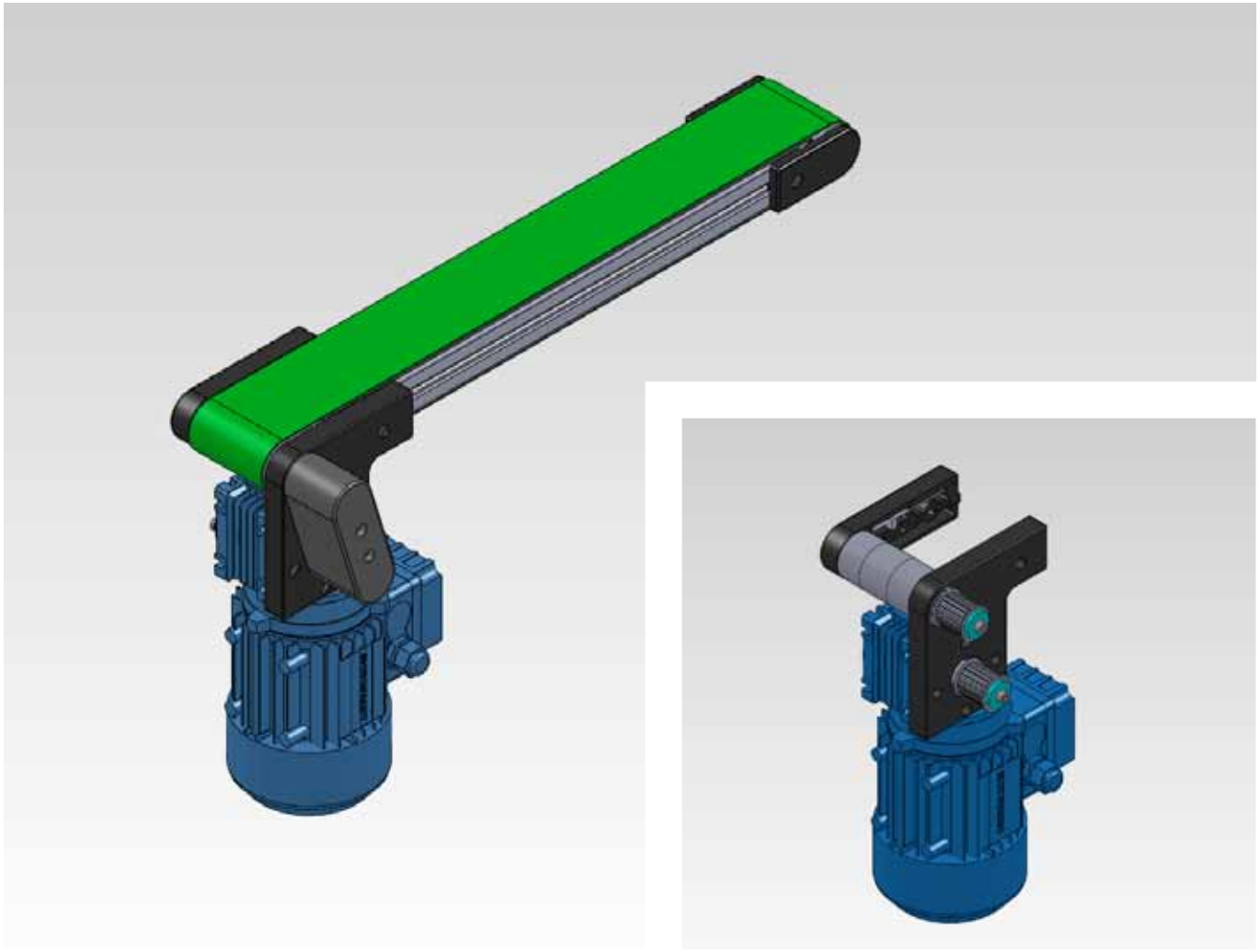
Motors : see page 56
Belts : see page 57







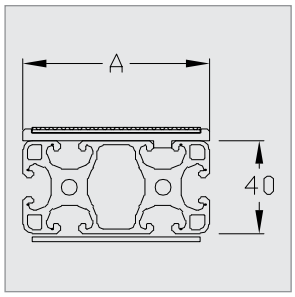
Reference : C040 53 00
eg. width A = 120
thus ref = C 120 53 000



End drive

Motor below

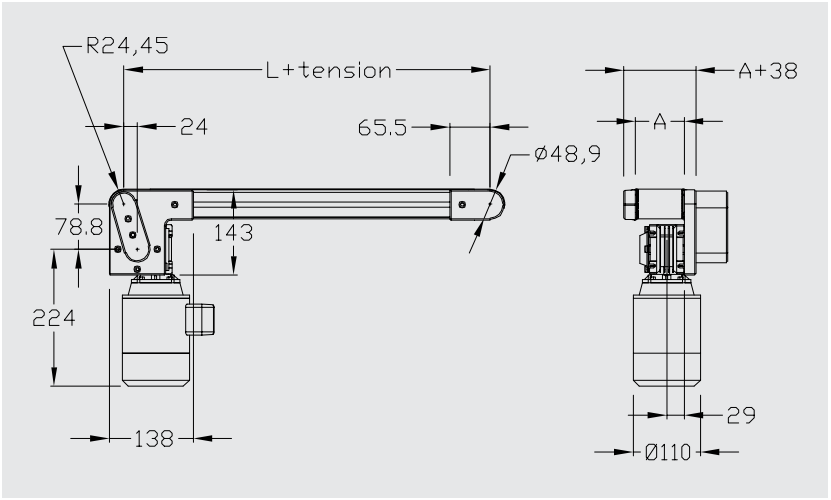
Timing belt



Technical data

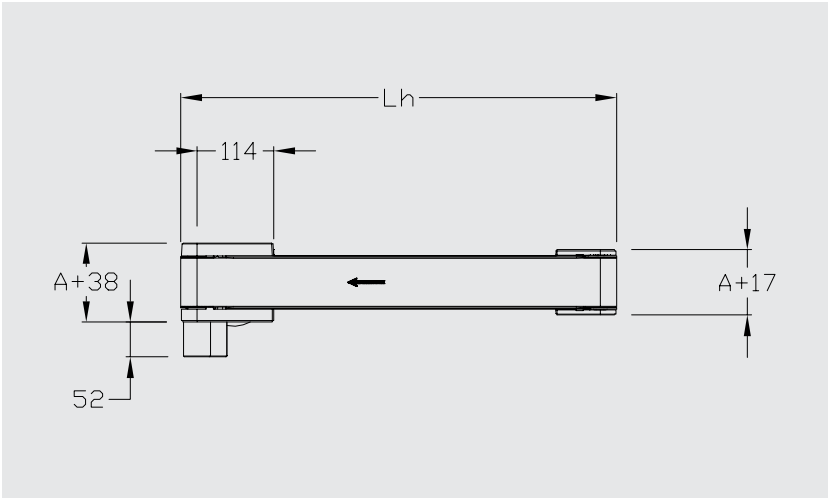
Compact conveyor on profiles 8 basis 40 mm, for all kinds of components. Positive driving belt for heavy loads. Positioned below, the motor facilitates the integration.

- x Drive of the extremity pulley with timing belt 5 mm step width 32mm.
- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.



Dimensions (mm)

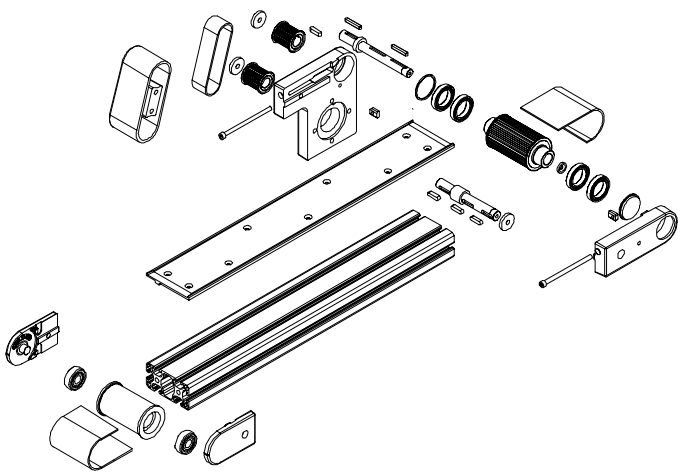
- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-68,5
- x Length of belt : Lc = (2xL+152) x 0,999
- x Width of belt : 32 and 72 mm



Gear motor

- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

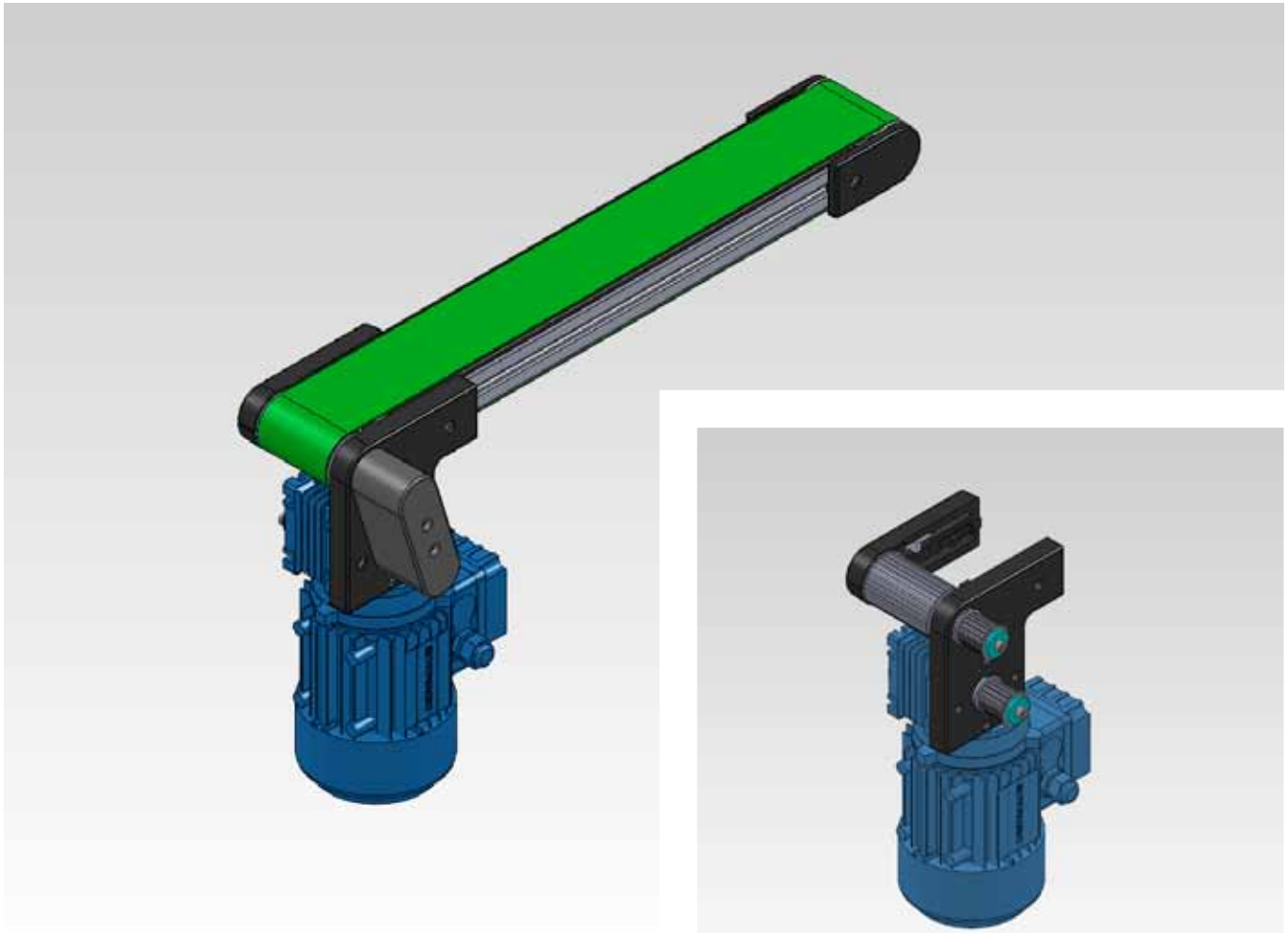
Installation tension : 0,1 %



Data and positions

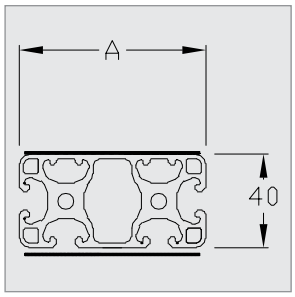
Motors : see page 56
Belts : see page 57

Reference C 040 54 000
eg. width A = 80
thus ref = C 080 54 000



Central drive

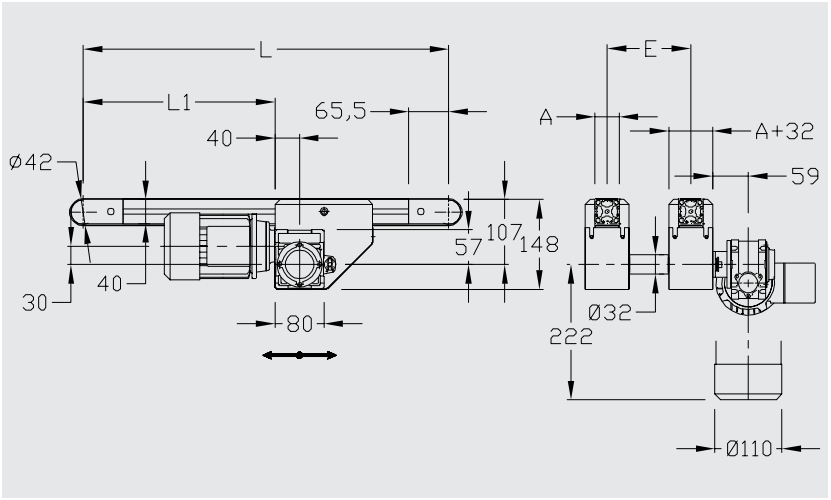
Flat belt



Technical data

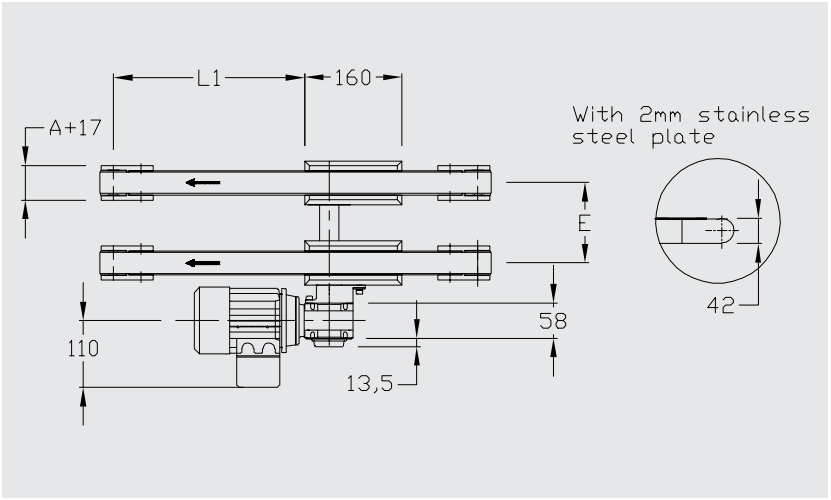
Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space.

- x Adjustable position of the drive along the profile.
- x Distance between the 2 conveyors adaptable on request.
- x Stainless steel plate on option.



Dimensions (mm)

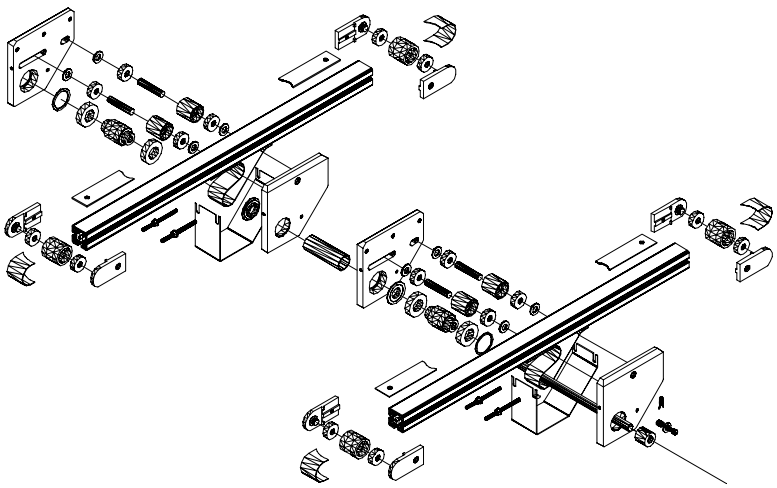
- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-50
- x Length of belt : Lc = (2xL+375) x 0,992
- x Width of belt : A-5



Gear motor

- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

Installation tension : 0,5 % maxi



Data and positions

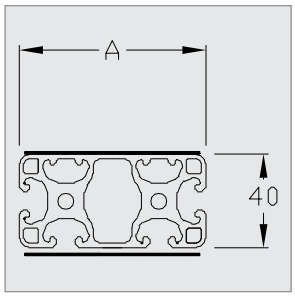
Motors : see page 56
Belts : see page 57

References C 040 20 000
C 080 20 000

Central drive

Internal motor

Flat belt



Technical data

Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space.
The internal mounting of the motor facilitates the integration.

- x Adjustable position of the drive along the profile.
- x Distance between the 2 conveyors adaptable on request.
- x Stainless steel plate on option.

Dimensions (mm)

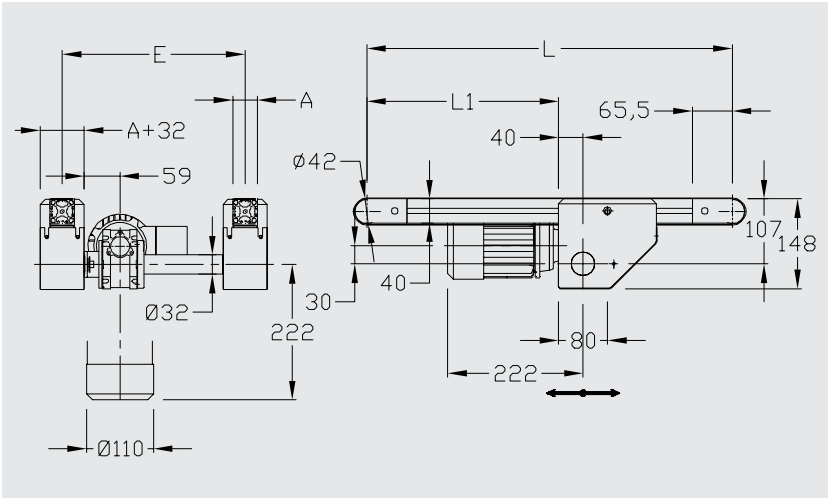
- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-50
- x Length of belt : Lc = (2xL+375) x 0,992
- x Width of belt : A-5

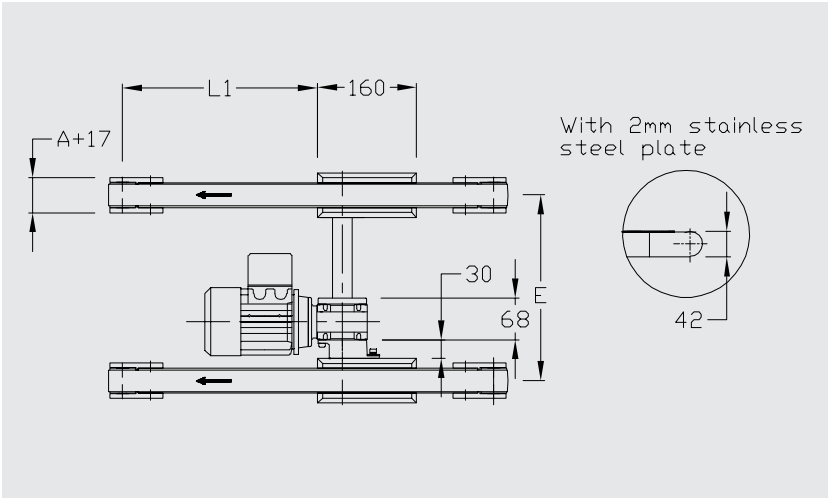
Gear motor

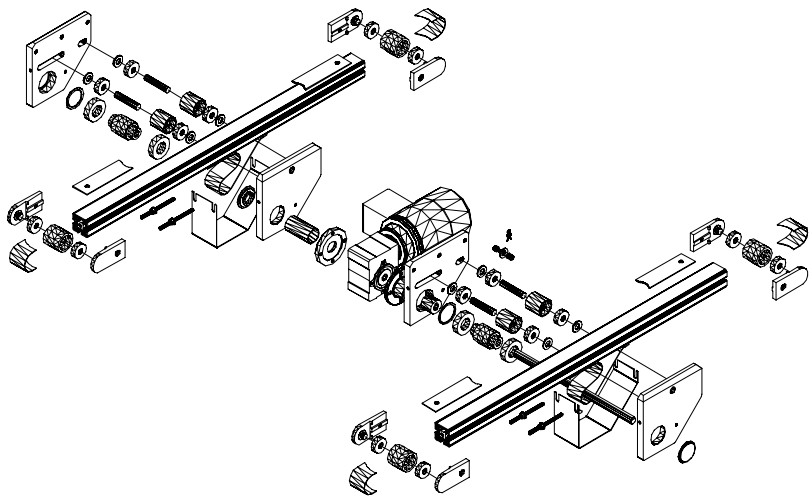
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

Data and positions

Motors : see page 56
Belts : see page 57







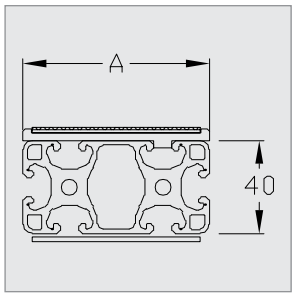
References C 040 23 000
C 080 23 000

FLAT BELT CONVEYOR 40 DOUBLE BELT

elcom

Central drive

Timing belt

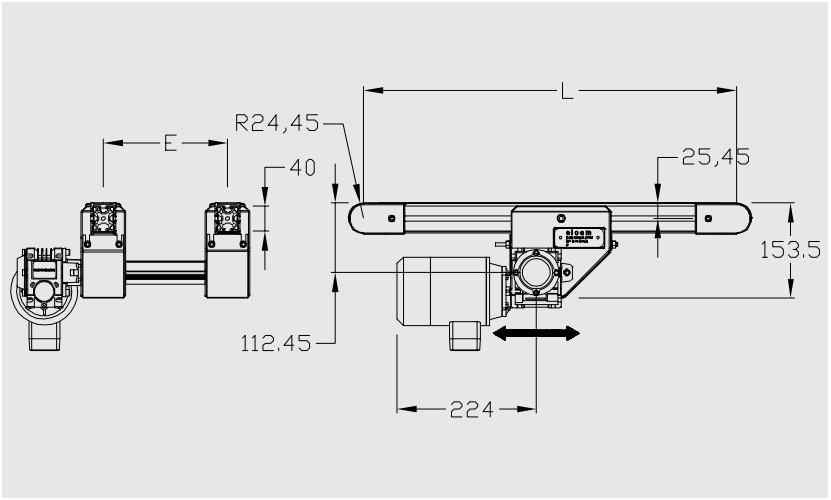


Technical data

Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space. Positive driving belt for heavy loads.

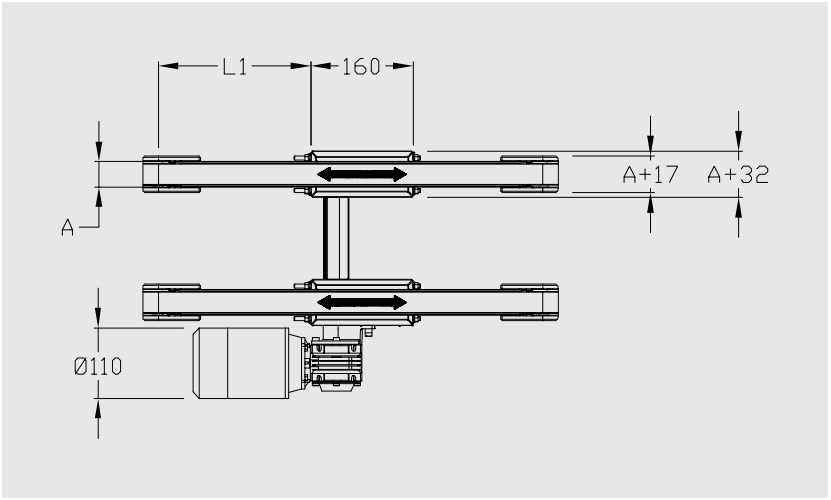
Synchronization of the 2 belts.

- x Adjustable position of the drive along the profile.
- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.



Dimensions (mm)

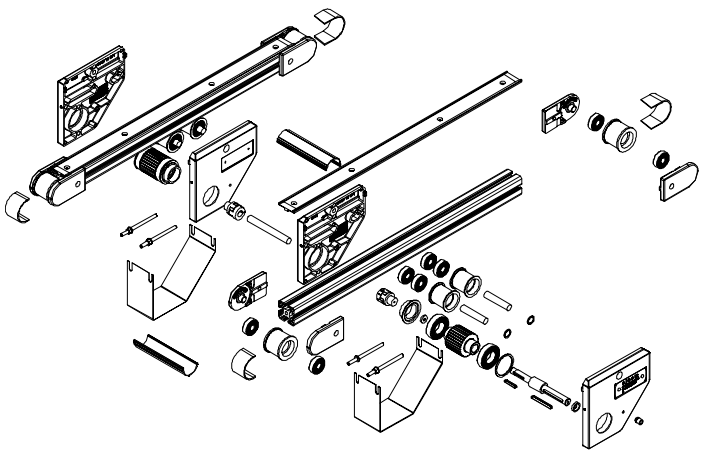
- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-51
- x Length of belt : Lc = (2xL+368) x 0,999
- x Width of belt : 32 and 72 mm



Gear motor

- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

Installation tension : 0,1 %



Data and positions

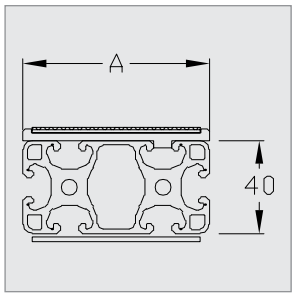
Motors : see page 56
Belts : see page 57

References C 040 21 000
C 080 21 000

Central drive

Internal motor

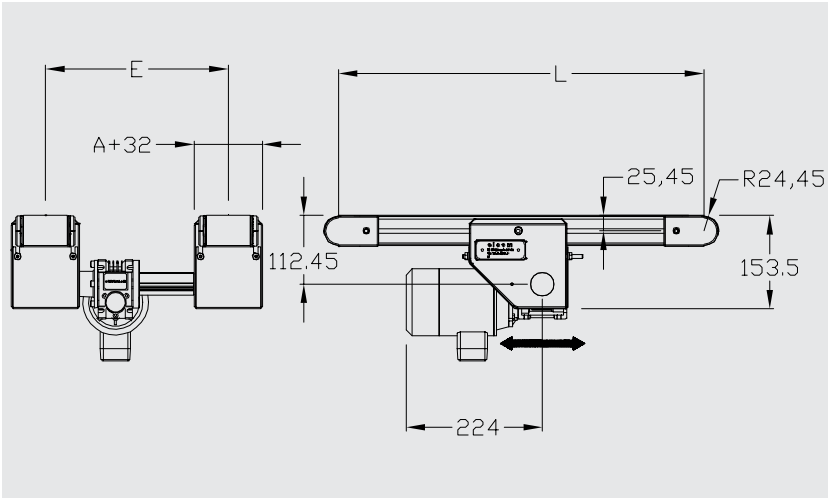
Timing belt



Technical data

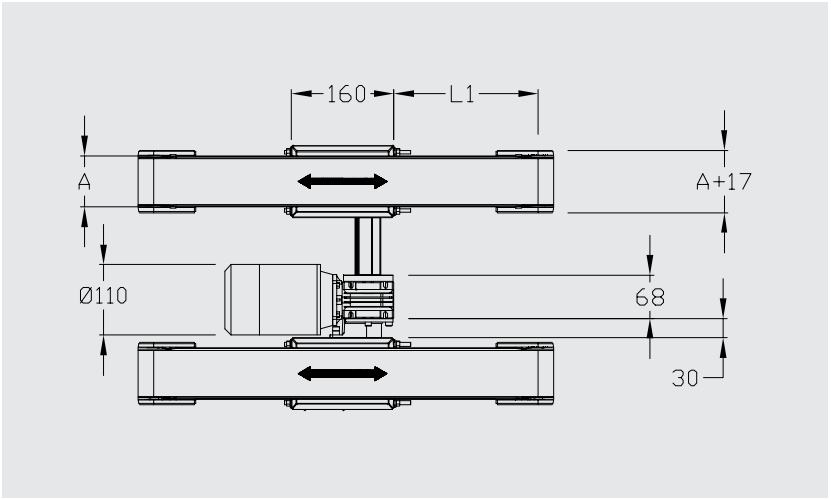
Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space. The internal mounting of the motor facilitates the integration.
Positive driving belt for heavy loads.
Synchronization of the 2 belts.

- x Adjustable position of the drive along the profile.
- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.



Dimensions (mm)

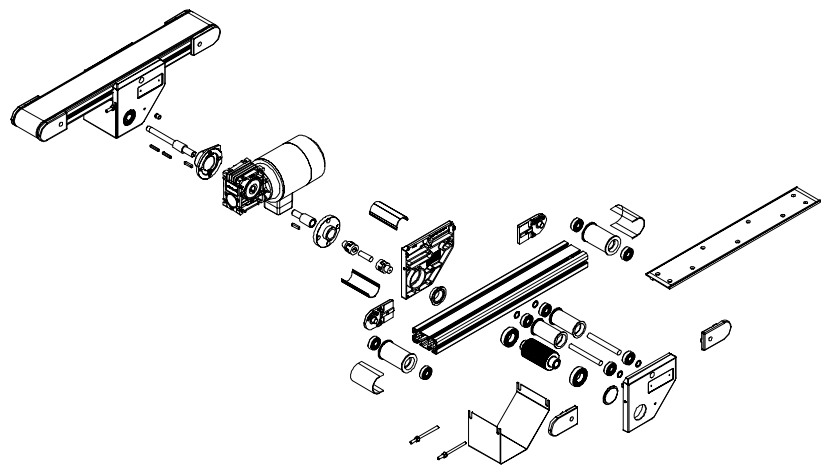
- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-51
- x Length of belt : Lc = (2xL+368) x 0,999
- x Width of belt : 32 and 72 mm



Gear motor

- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

Installation tension : 0,1 %



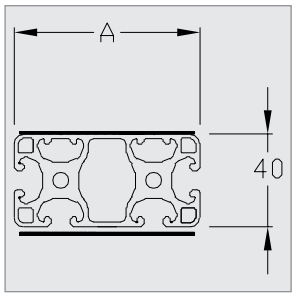
Data and positions

Motors : see page 56
Belts : see page 57

References C 040 22 000
C 080 22 000

End drive

Flat belt



Technical data

Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space.

- x Drive on extremity drive pulley.
- x Steel pulleys with ball bearings.
- x Stainless steel plate on option.

Dimensions (mm)

- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-52,5
- x Length of belt : Lc = (2xL) + 132
- x Width of belt : A-5

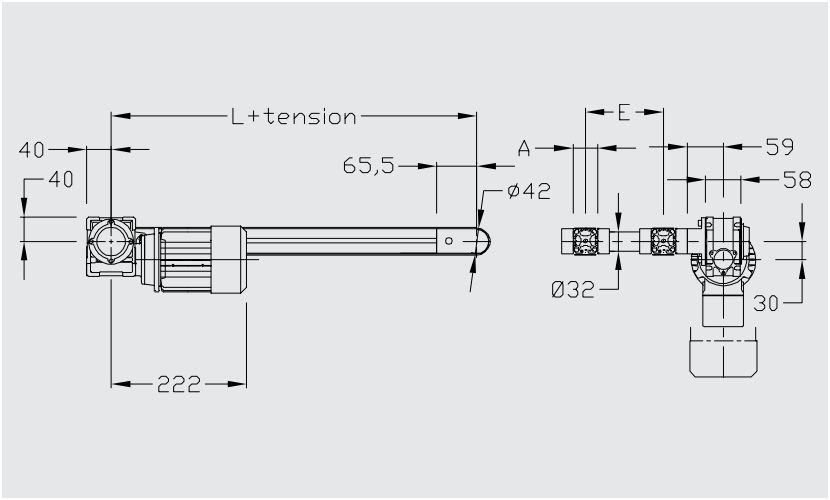
Gear motor

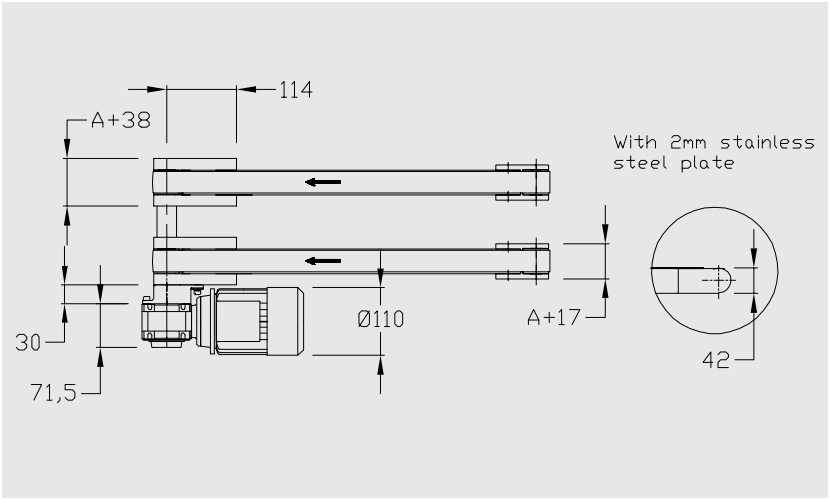
- x 230 V single-phase to 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

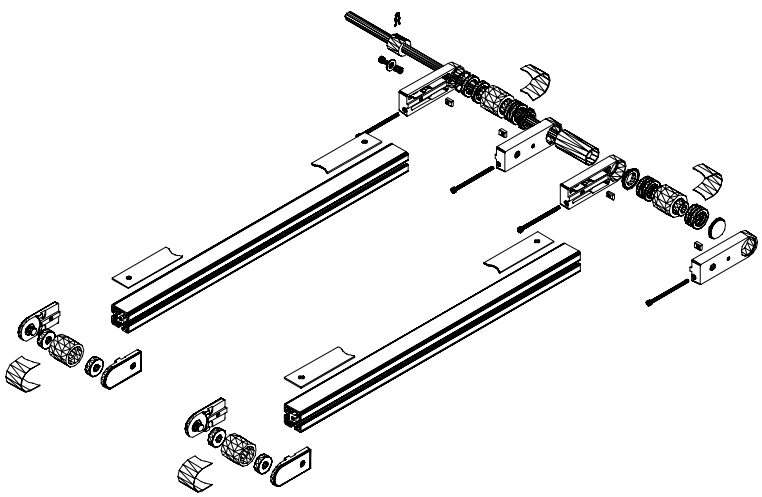
Installation tension : 0,5 % maxi

Data and positions

Motors : see page 56
Belts : see page 57



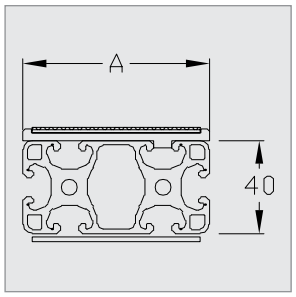




References C 040 40 000
C 080 40 000

End drive

Timing belt



Technical data

Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space. Positive driving belt for heavy loads.

- x Notched pulleys.
- x Guiding belt PA material.
- x Timing belt, 5 mm step.

Dimensions (mm)

- x Width A : 40 - 80
- x Length L : 400 to 6 000
- x Length of profile : LP = L-68,5
- x Length of belt : Lc = (2xL+152) x 0,999
- x Width of belt : 32 and 72 mm

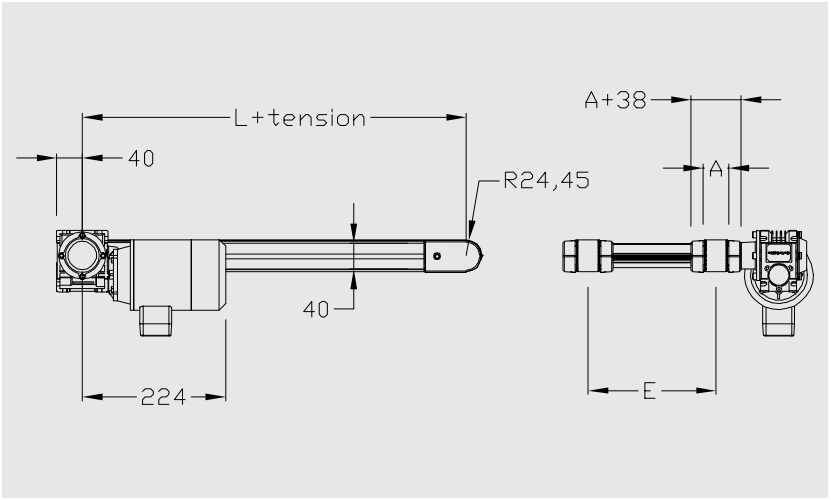
Gear motor

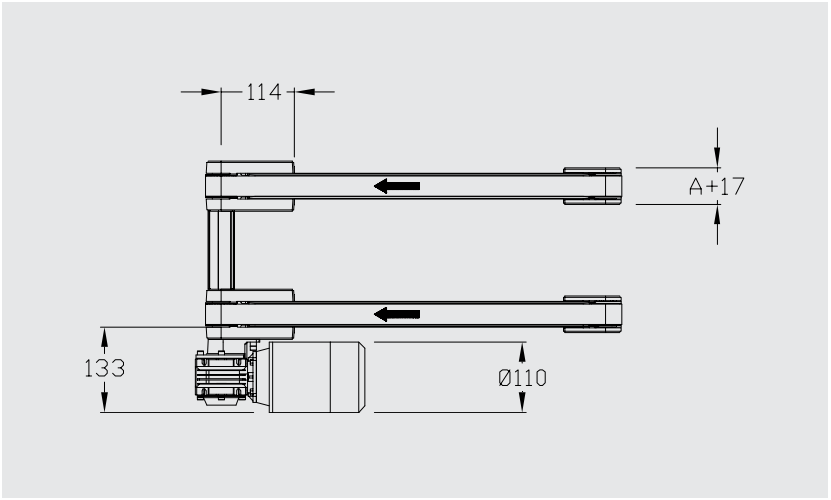
- x 230 V single-phase and 230/400 V three-phase speed (m/min) +/- 10% : 2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 VDC on request

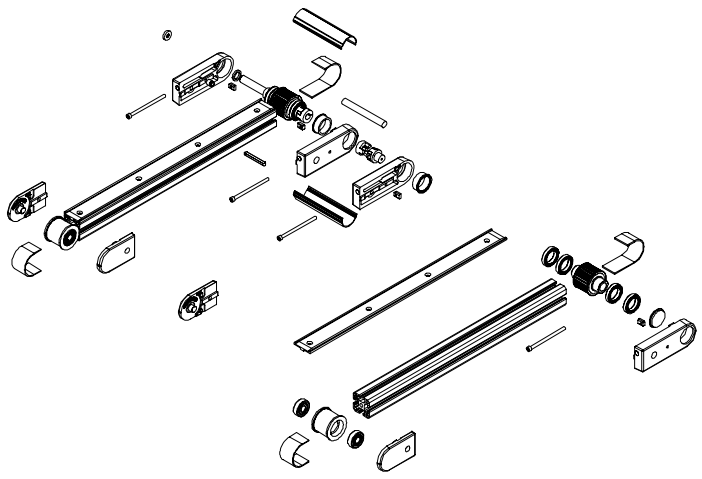
Installation tension : 0,1 %

Data and positions

Motors : see page 56
Belts : see page 57







References C 040 41 000
C 080 41 000

FLAT BELT CONVEYOR 40 DOUBLE BELT

elcom

LA LIBERTÉ DE CONCEVOIR

INCLINE FLAT BELT CONVEYOR

End drive

Technical data

Flat belt conveyor with 1 or 2 angles for building elevators thanks to cleated belts.
For light parts maxi 8 kg.

Dimensions (mm)

x Width A : 200 - 300 - 400

x Length : L1 + L2 + L3 = 4 m maxi

Gear motor

x 230 V single-phase and 230/400 V three-phase

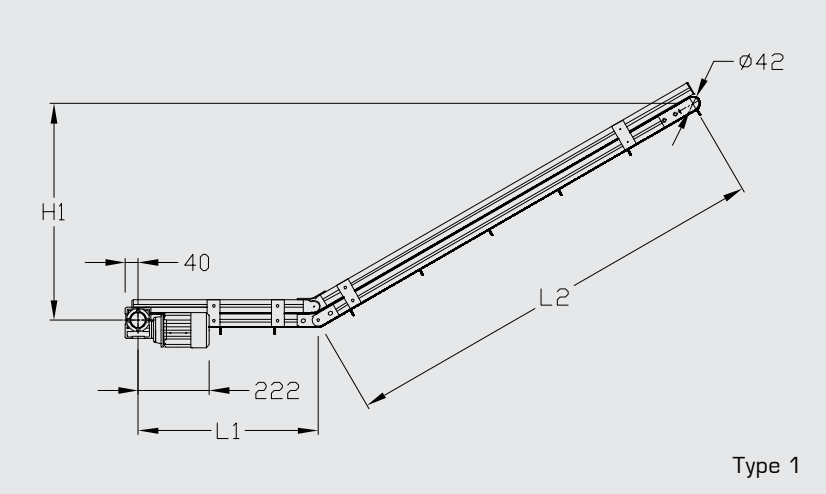
x 24 VDC on request

Belts

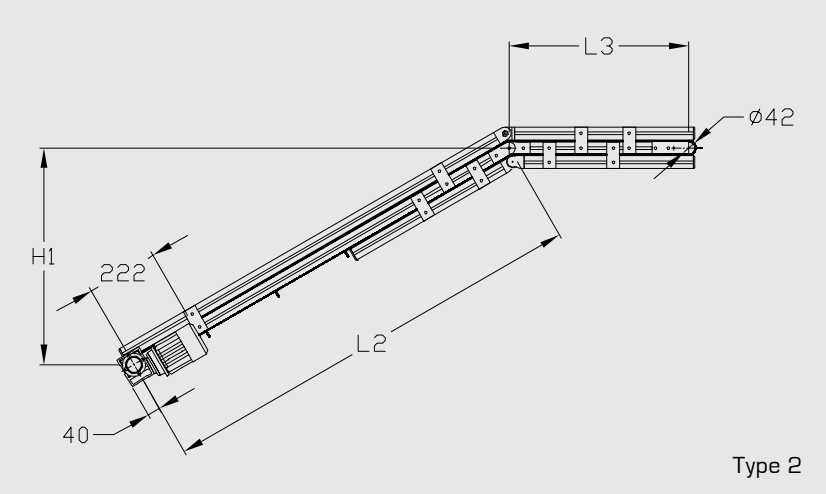
x Only cleated belts.

Data and positions

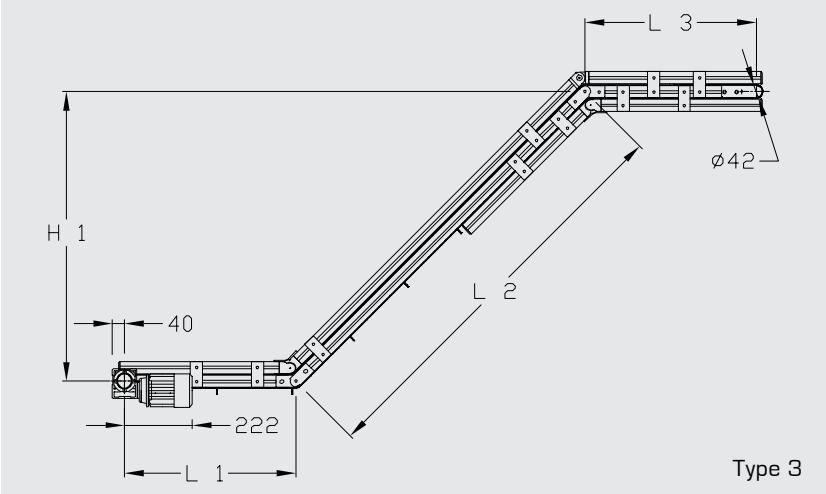
Motors : see page 56
Belts : see page 57



Type 1



Type 2



Type 3

Type 1

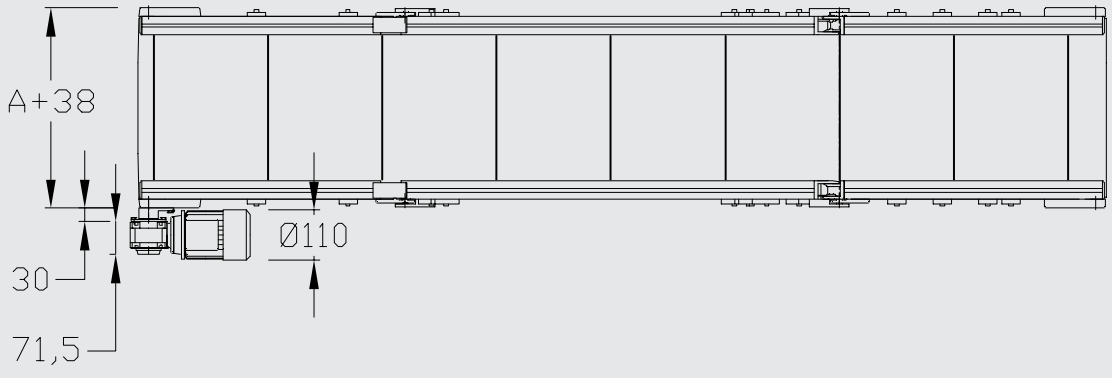
References	C 200 70 000
	C 300 70 000
	C 400 70 000

Type 2

References	C 200 75 000
	C 300 75 000
	C 400 75 000

Type 3

References	C 200 80 000
	C 300 80 000
	C 400 80 000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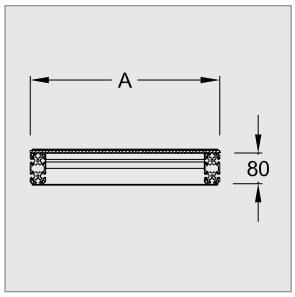
elcom
LA LIBERTÉ DE CONCEVOIR

FLAT BELT CONVEYOR 90

End drive

Flat belt



Technical data

Flat belt conveyor for heavy, voluminous components.

- x Drive on extremity drive pulley.
- x Steel pulleys with ball bearings.
- x Aluminium profile frame.

Dimensions (mm)

- x Pulley diameter : 90
- x Width A : 500 - 600 - 700 - 800 - 1000
- x Width of belt : A - 10
- x Length L : 500 to 6 000
- x Length of belt : (2 x L) + 300
- x Length of profile : L-100

Plates

- x Plastic 8 mm.
- x Stainless steel.
- x Galvanized steel.

Gear motor

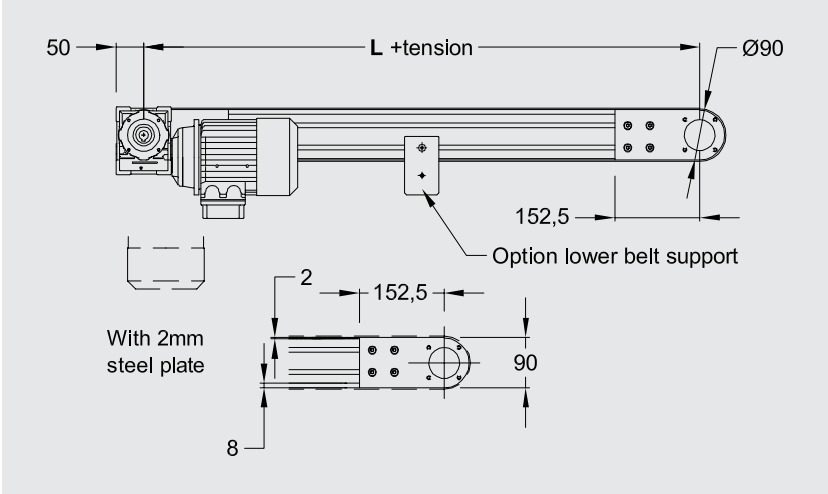
- x 230/400 V Three-phase 50 Hz
  Speed (m/min.) +/- 10% :
  4 - 6 - 8 - 10 - 16 - 20 - 26

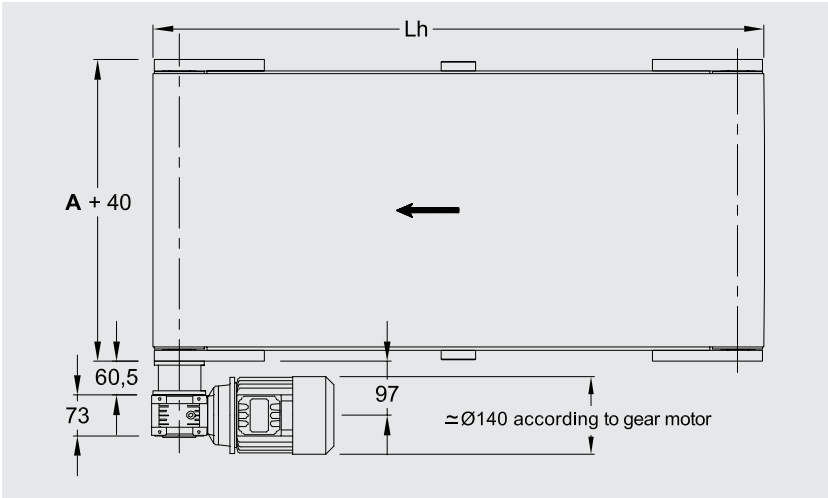
Installation tension : 0,5 % maxi

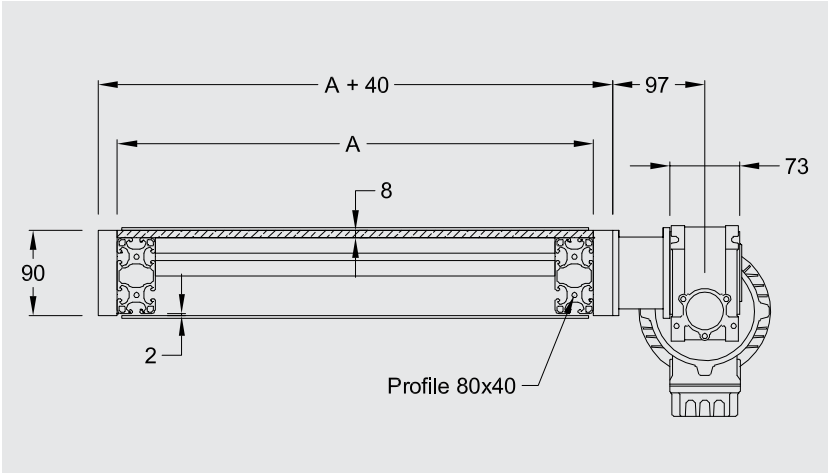
Data and positions

Motors : see page 56
Belts : see page 57

Reference C 0500 10 000
eg. width A = 700
thus ref = C 0700 10 000

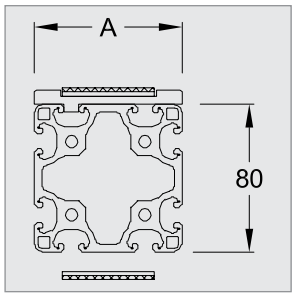






End drive

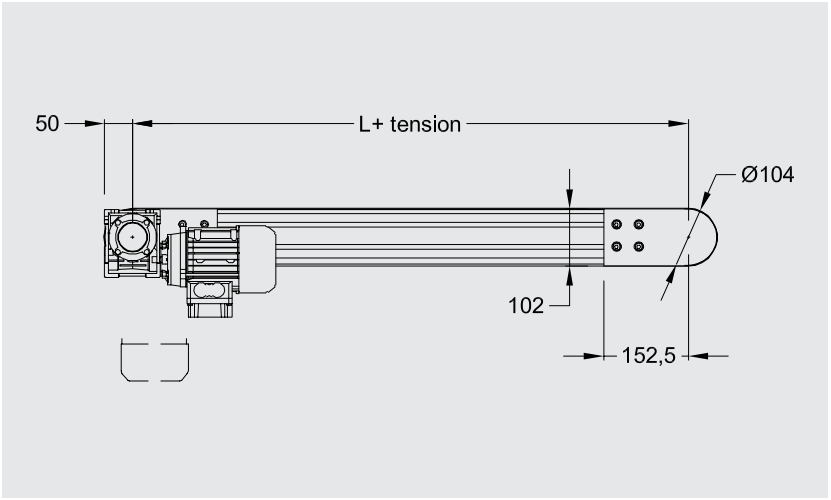
Timing belt



Technical data

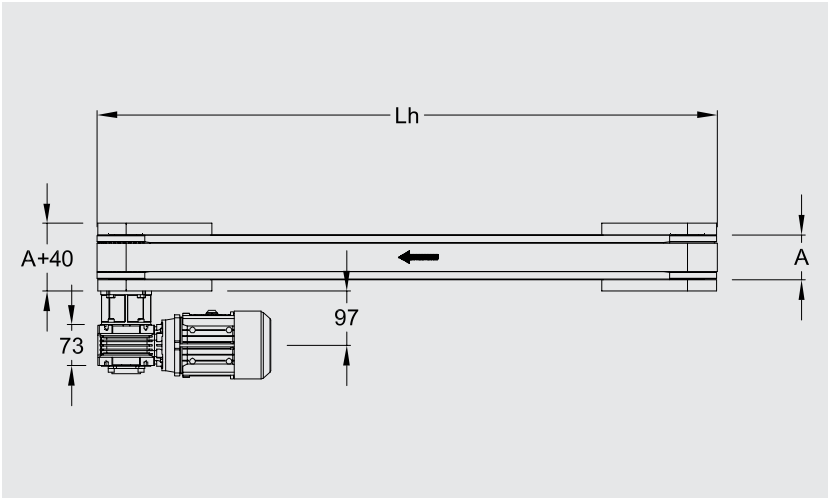
Compact conveyor on profiles 8 basis 80 mm, for all kinds of components. Positive driving belt for heavy loads.

- x Notched pulleys with ball bearings.
- x Guiding belt PA material.
- x Timing belt, 10 mm step.
- x Option : timing belt 10 mm step with threaded insert which enables to fix support of parts.



Dimensions (mm)

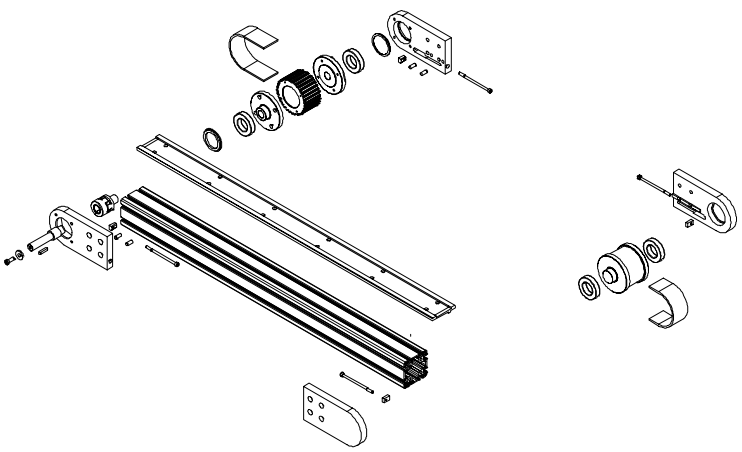
- x width A : 40 - 80 - 120
- x length L : 500 to 6 000
- x length of profile : LP = L-125
- x length of belt : Lc = (2 x L) + 320
- x width of belt : 25, 50 and 100 mm



Gear motor

- x 230/400 V three-phase
  Speed (m/min.) +/- 10% :
  4 - 6 - 8 - 10 - 16 - 20 - 26

Installation tension : 0,1 % maxi



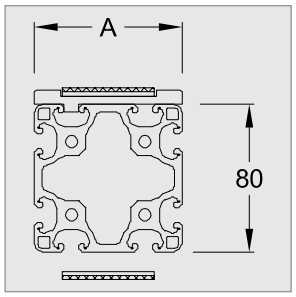
Data and positions

Motors : see page 56
Belts : see page 57

References C 0040 70 000
C 0080 70 000
C 0120 70 000

End drive

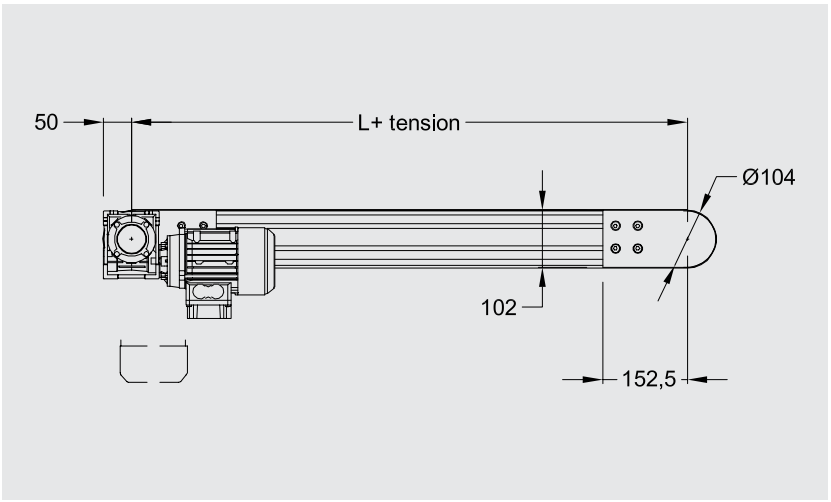
Timing belt



Technical data

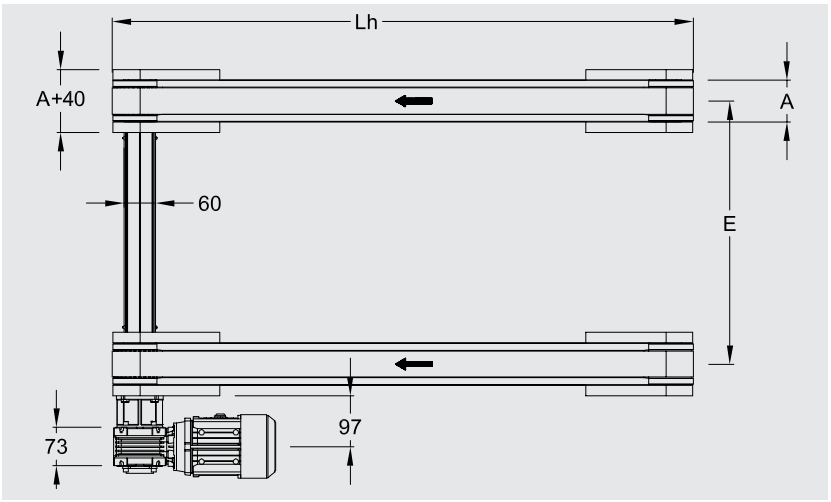
Two parallel flat belt conveyors driven by only one motor, for wide components. Two belts enable the use of free space. Positive driving belt for heavy loads.

- x Notched pulleys with ball bearings.
- x Guiding belt PA material.
- x Timing belt, 10 mm step.
- x Option : timing belt spacing 10 mm with threaded insert which enables to fix support of parts.



Dimensions (mm)

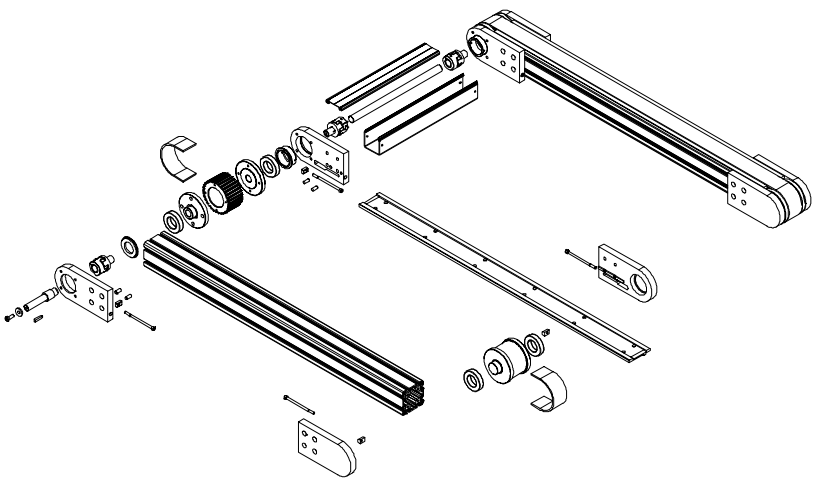
- x Width A : 40 - 80 - 120
- x Length L : 500 to 6 000
- x Length of profile : LP = L-125
- x Length of belt : Lc = (2 x L) + 320
- x Width of belt : 25, 50 and 100 mm



Gear motor

- x 230/400 V three-phase speed (m/min) +/- 10% : 4 - 6 - 8 - 10 - 16 - 20 - 26

Installation tension : 0,1 %



Data and positions

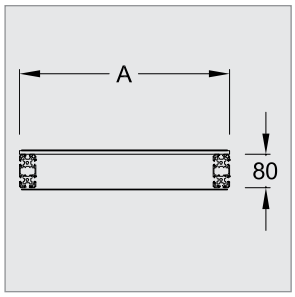
Motors : see page 56
Belts : see page 57

References C 0040 80 000
C 0080 80 000
C 0120 80 000

End drive

Motor below

Flat belt



Technical data

Flat belt conveyor for heavy, voluminous components.

- x Drive of extremity drive pulley by timing belt 10 mm step width 25 mm.
- x Pulley with ball bearings.
- x Aluminium profile frame.

Dimensions (mm)

- x Pulley diameter : 90
- x Width A : 500 - 600 - 700 - 800 - 1000
- x Width of belt : A - 10
- x Length L : 500 to 6 000
- x Length of belt : (2 x L) + 300

Plates

- x Plastic 8 mm.
- x Stainless steel.
- x Galvanized steel.

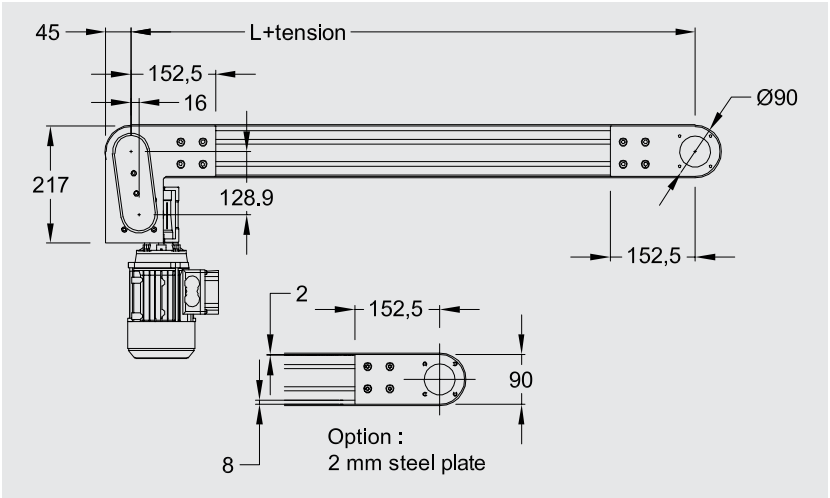
Gear motor

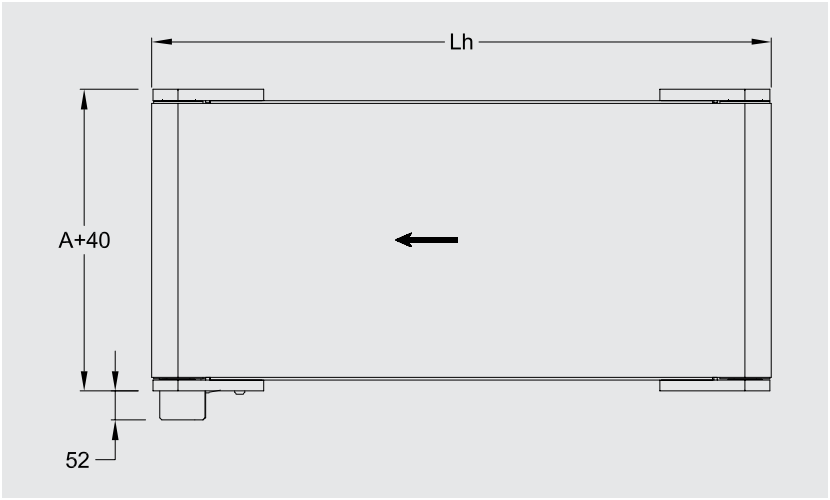
- x 230/400 V Three-phase 50 Hz
  Speed (m/min) +/- 10% :
  4 - 6 - 8 - 10 - 16 - 20 - 26

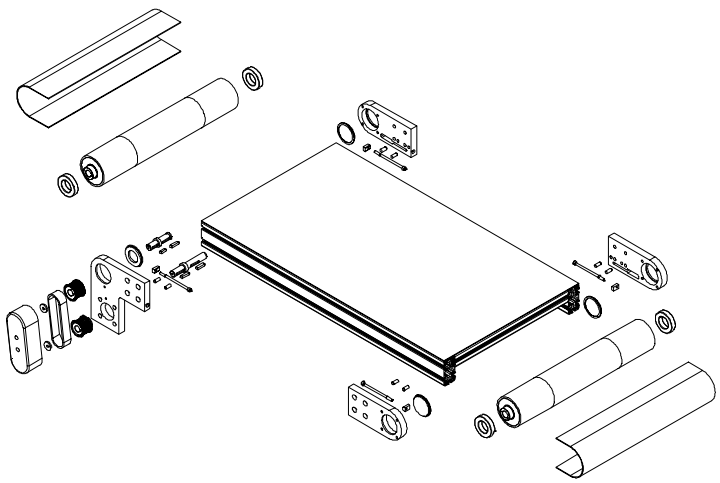
Installation tension : 0,5 % maxi

Data and positions

Motors : see page 56
Belts : see page 57







Reference C 0500 53 000
eg. width A = 700
thus ref = C 0700 53 000

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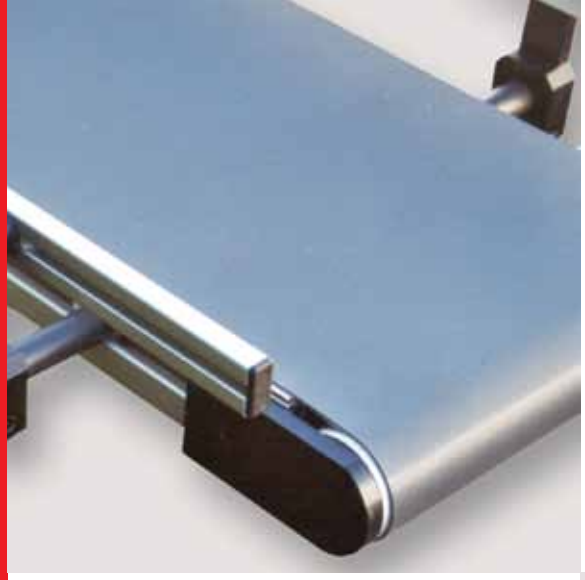
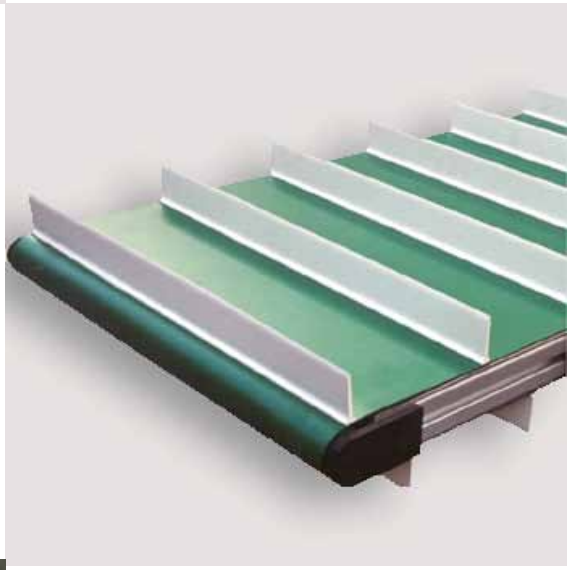
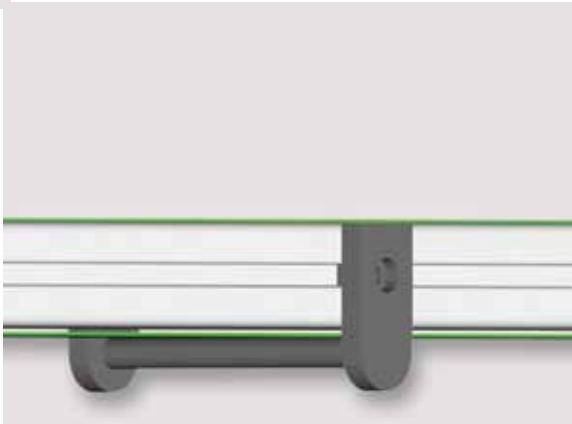
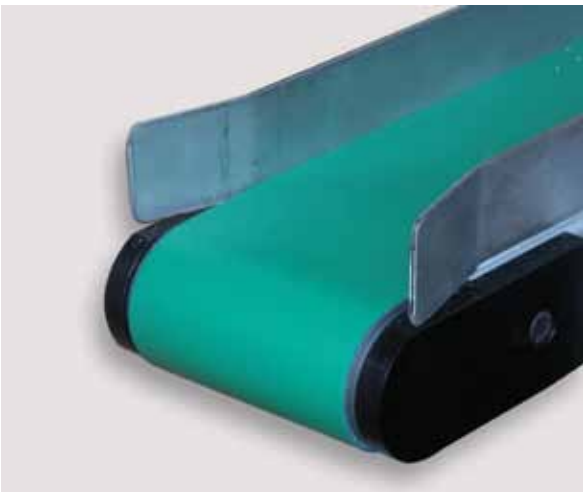
LA LIBERTÉ DE CONCEVOIR







ACCESSORIES



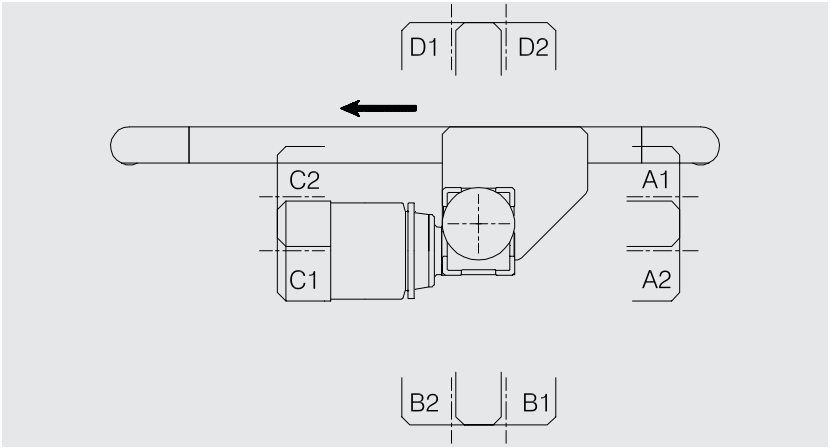
x **Gear motor 24 VDC :**
Power : 0,037 Kw
Maximum current : 2,5 A
IP 65

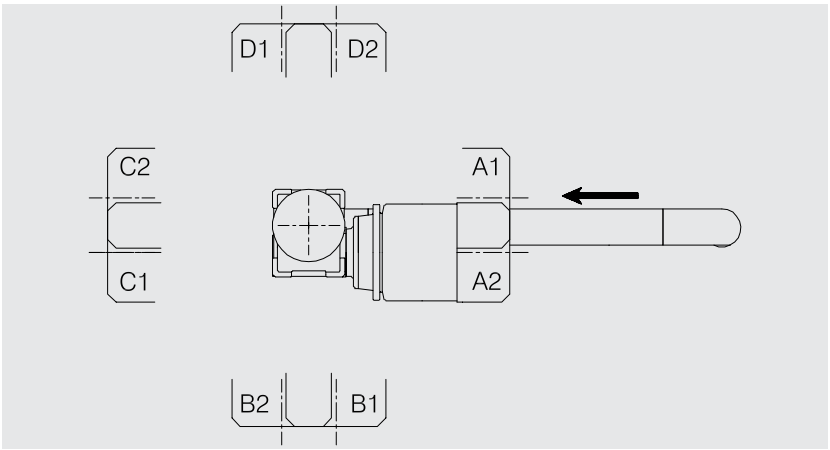
x **Gear motor 230 V single-phase 50 Hz :**
Power : 0,09 Kw
Maximum current : 0,4 A
IP 54

x **Gear motor 230-400V three-phase 50 Hz :**
Power : 0,09 Kw
Maximum current : 0,4 A
IP 54

x **Gear motor 230-400V three-phase 50 Hz :**
Power : 0,25 Kw
Maximum current : 0,83 A
IP 54

Other motors on request.





Frequency inverter :

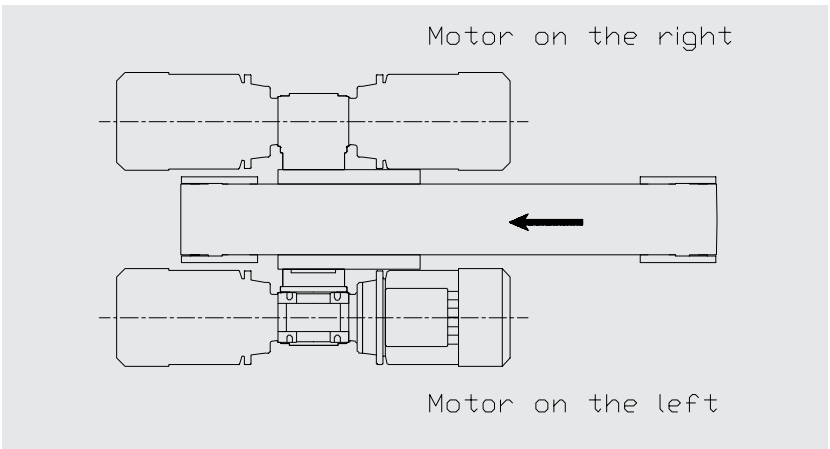
x Reference C000 30 001 :
for 100 w maximum.

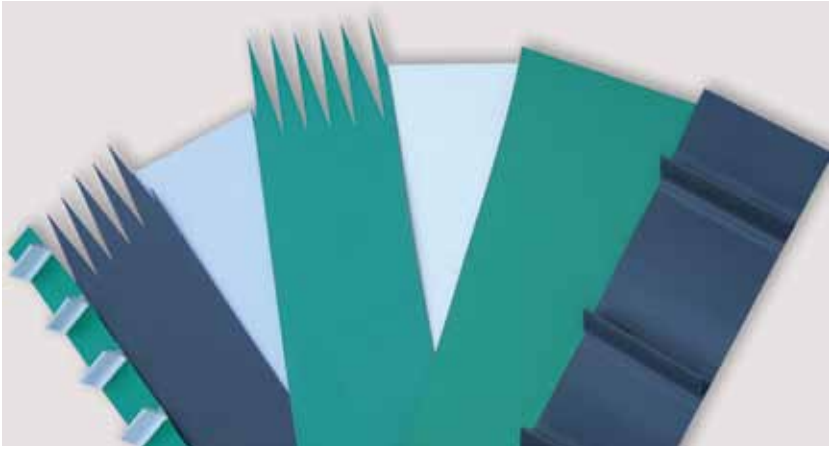
x Reference C000 30 002 :
for 400 w maximum.

x Power supply 230 V single-phase
50 Hz output 230 V 400 three-phase.

x Variation with standard motor +/- 20%
of the speed.

x Possible use of motor with
forced draught.





KIND OF BELT	APPLICATION	SPECIAL TECHNICAL DATA / USE	COLOUR
PVC	Standard For conveying all kind of parts and material.	- Antistatic - Food quality	- Grey - Green - Black
Polyurethane	Belt adapted to aggressive parts, oily environment. Possible important accumulations of parts.	- Antistatic - Food quality - Army - Possible welding of cleated belts	- Green - White - Blue
Rubber	Good abrasion, cut and shock resistance.	Very good adherence	- Green
Silicone	For conveying parts at high temperature.	Very good adherence	- White

Special belts on request.

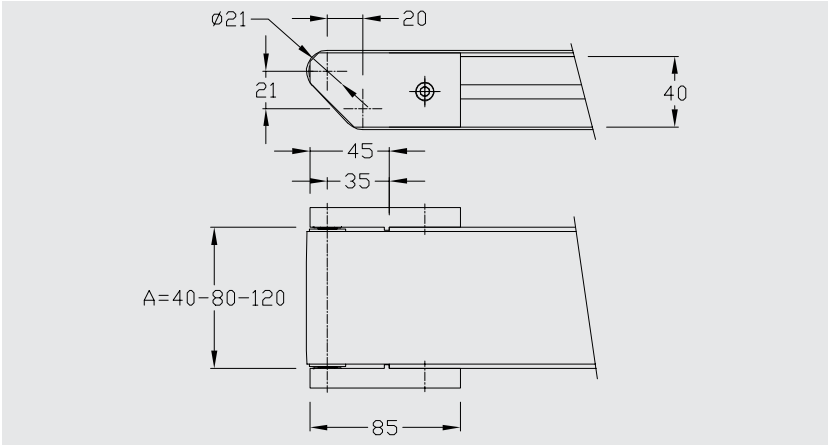
Enables to decrease the radius in end of the conveyor 40.

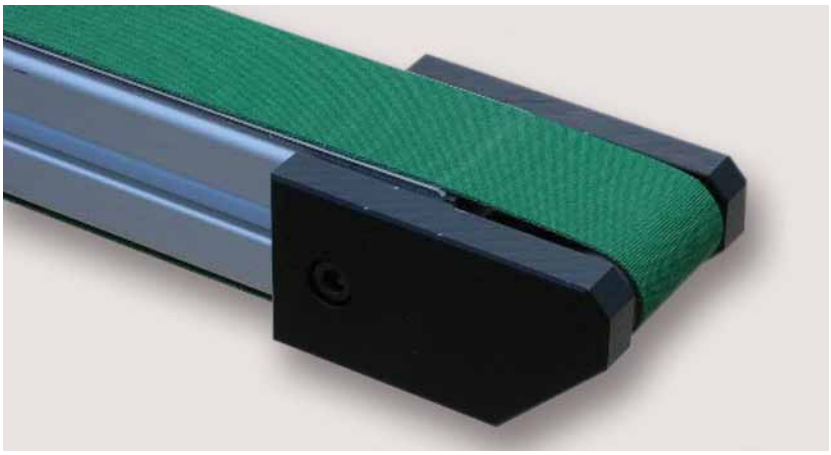
Particularly adapted for passing small components between two conveyors.

x Width A : 40 - 80 -120

Belt rigidity with tension 1%
tension : 5N/mm maxi

Installation tension : 0,5 % maxi





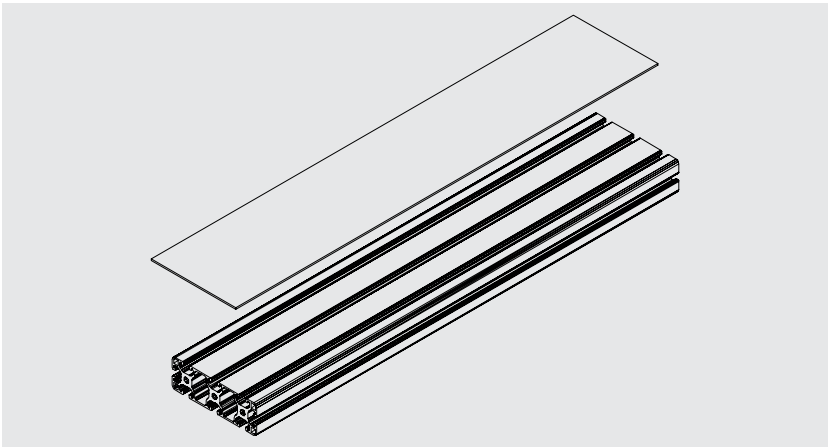
References	C 040 30 000
	C 080 30 000
	C 120 30 000

Flat belt conveyor 40

The structure of flat belt conveyors is aluminium profiles.

A stainless or galvanized steel plate, thickness 2 mm, can be added between the belt and the structure, on request.

The conveyors with width 200 to 400 mm are fitted out with stainless steel plates in the standard version.



Flat belt conveyor 90

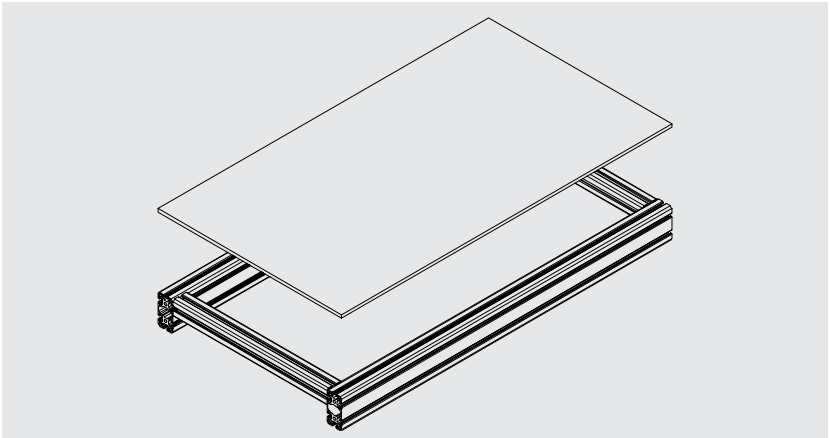
All conveyors are fitted out with a plate. (Standard = compact laminate 8 mm).

Serveral types are possible :

x compact laminate 8 mm

x galvanized steel 2 mm

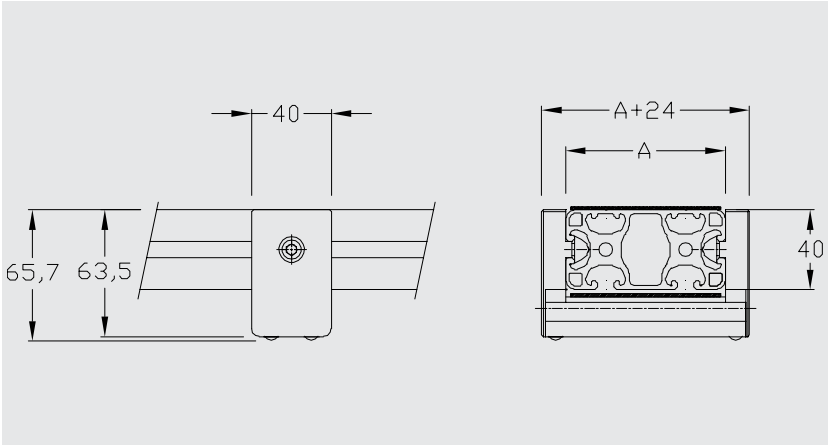
x stainless steel 2 mm



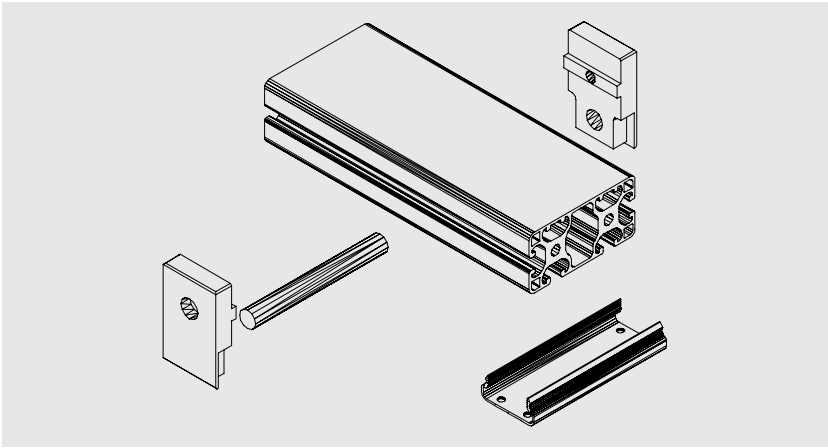
Support to limit sagging of the belt underneath on long conveyors.

Lower belt support for flat belt conveyor 40.

x Width A : 40 - 80 -120 - 160 - 200 - 250 - 300 - 400

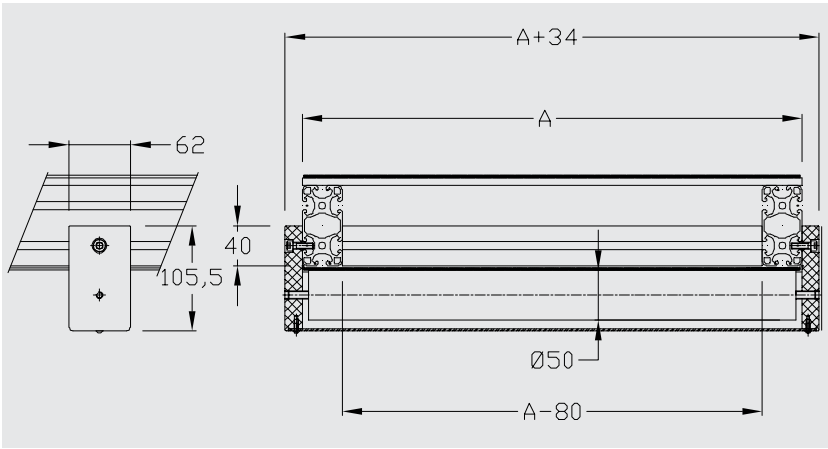


Reference C 040 60 000
eg. width A = 80
thus ref = C 080 60 000

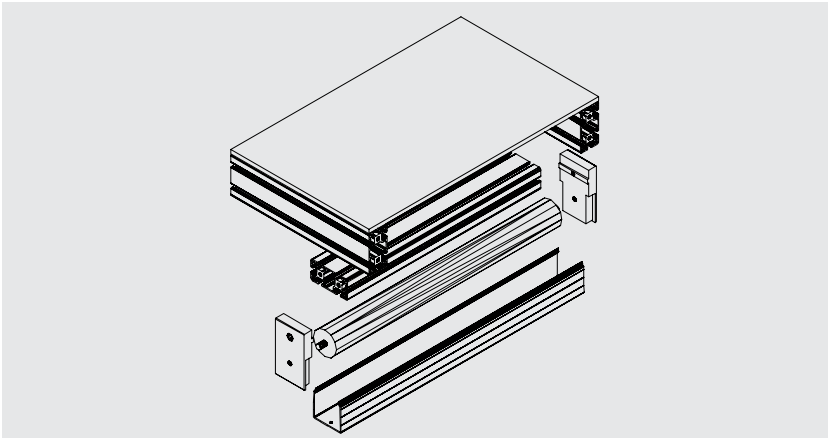


Lower belt support for flat belt conveyor 90.

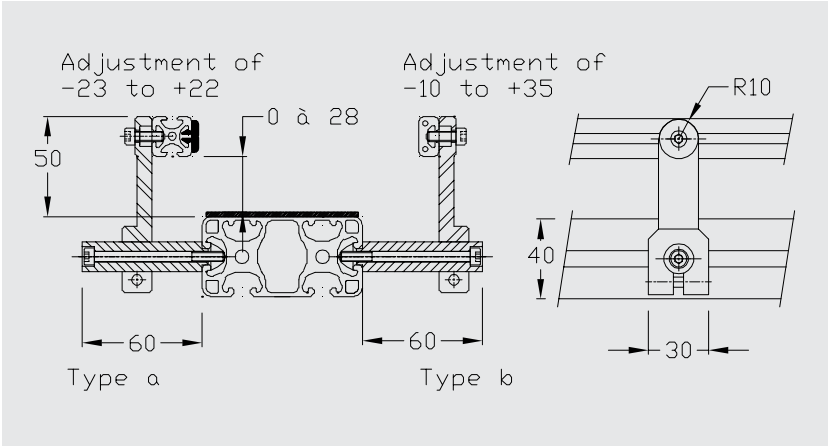
x Width A : 500 - 600 - 700 - 800 - 1000

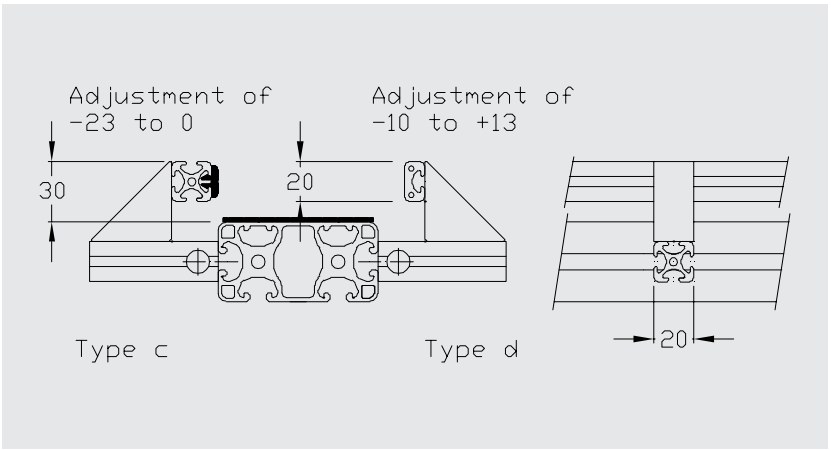


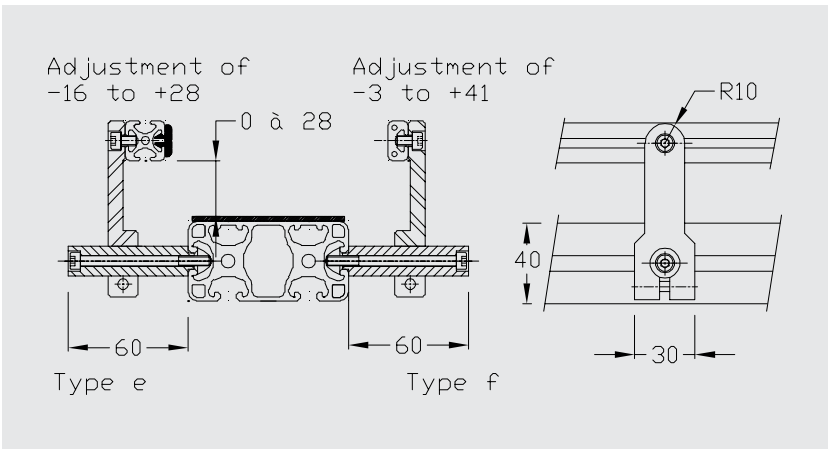
Reference C 0500 20 000
eg. width A = 800
thus ref = C 0800 20 000



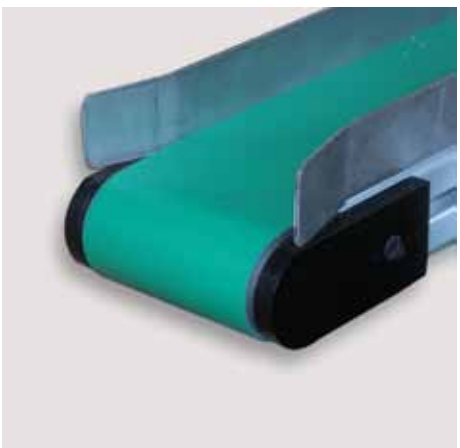
Several types of lateral guides are available in standard version.







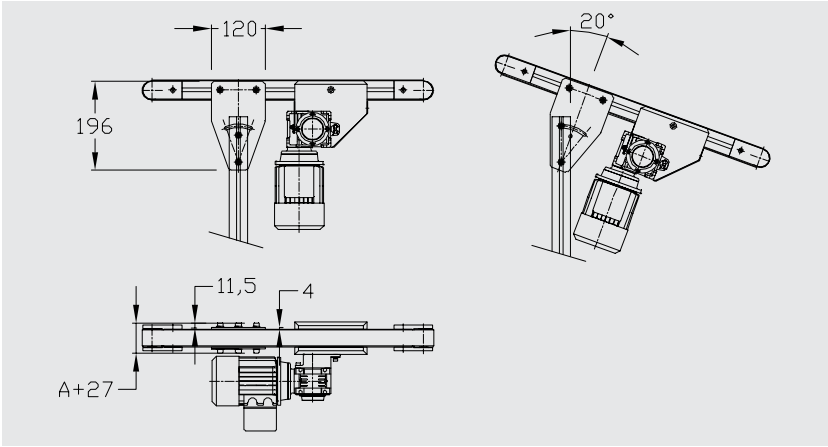
Special lateral guides on request.



Easy assembly of incline conveyors.
Stainless steel sheet thickness 4 mm.
Set including :

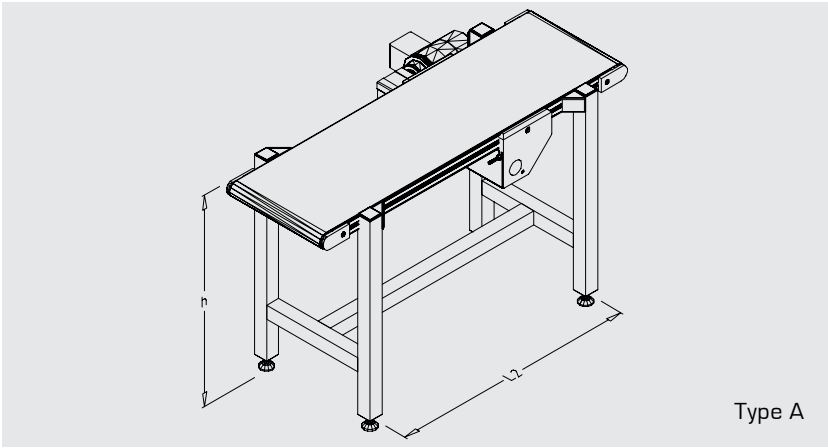
- x 1 stainless steel plate
- x 4 T-Slot nuts 8 St M8
- x 4 screws M8

Reference C 000 10 012

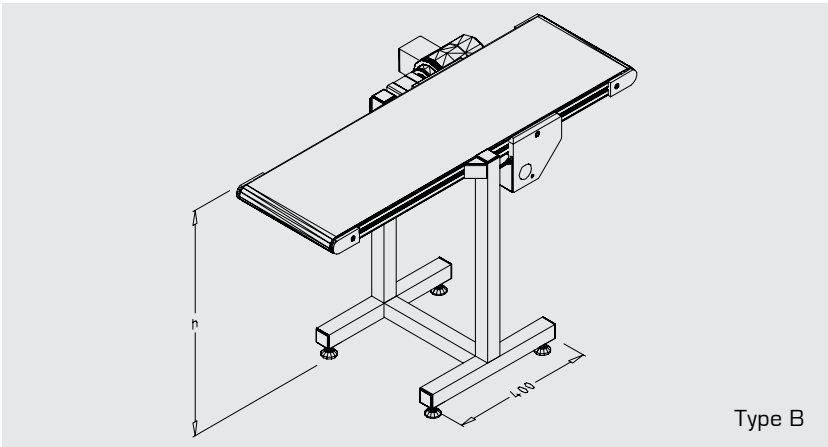


The structure of conveyors is made from item's profiles. Support feet can be built according to your specifications with the profiles and accessories of this range.

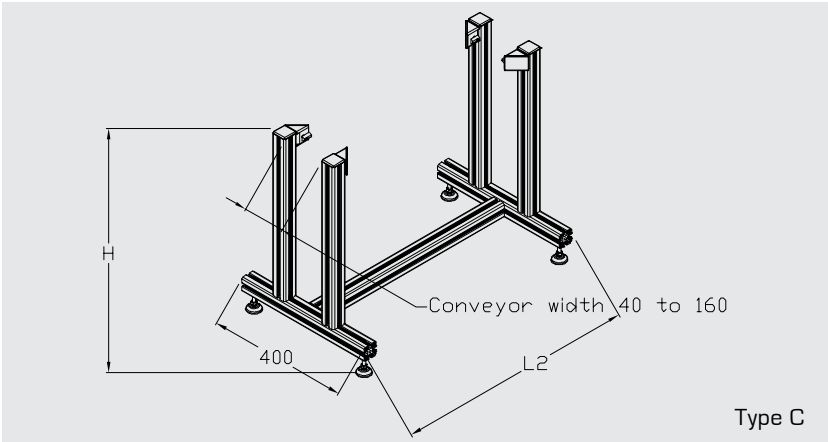
Special feet and frame on request.



Type A



Type B



Type C

Applications

For conveying heavy plates.
Allows accumulation.

Technical data

- x Drive with timing belt.
- x Pulley with ball bearings.
- x Guiding belt PA material.
- x Load supported each side on ball bearing.
- x The adjustment of pressure in the inflatable system adjusts the thrust plates.

Dimensions (mm)

- x Width A : 200 to 500 maxi
- x Length 6 m maxi
  Possible accumulation over the entire length
  Maximum thrust : 25 kg

Gear motor

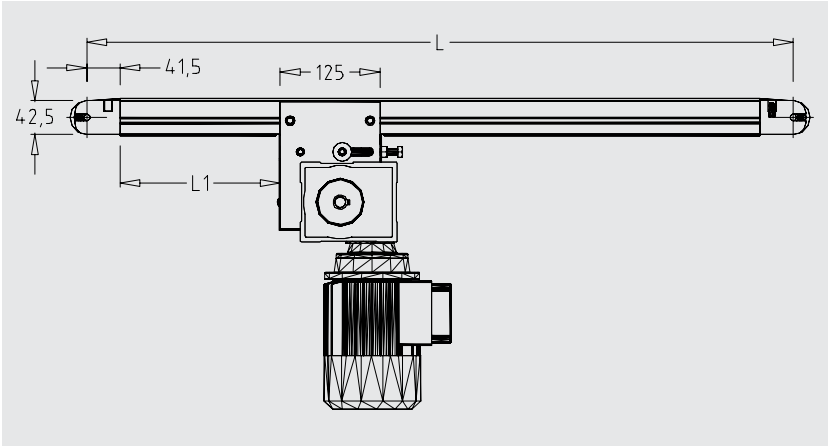
- x 230/400 V Three-phase 50 Hz
  Speed (m/min.) +/- 10 % :
  5 - 10 - 12 - 16 - 18

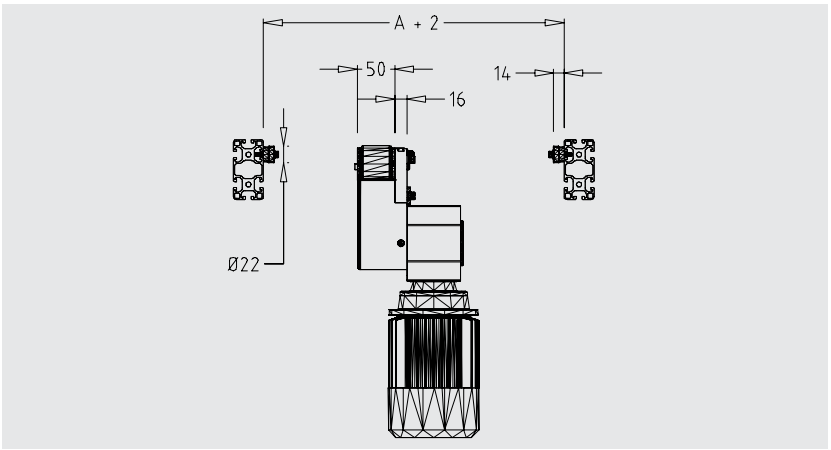
Pressure maxi 0,8 bar

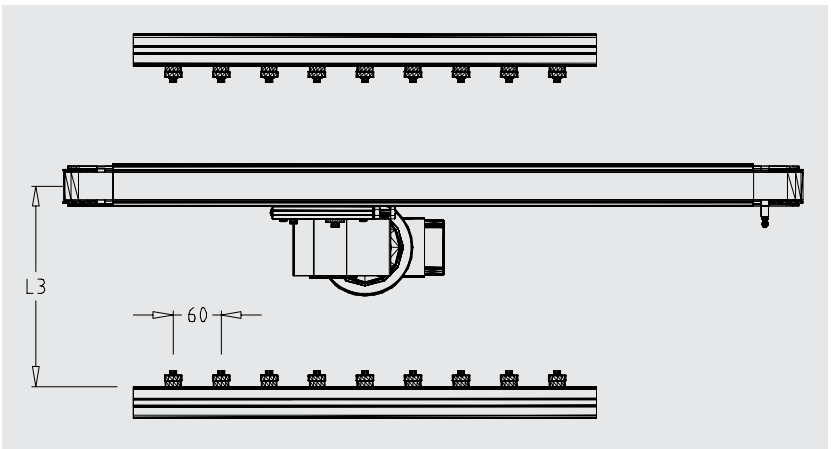
Pression regulator not supplied

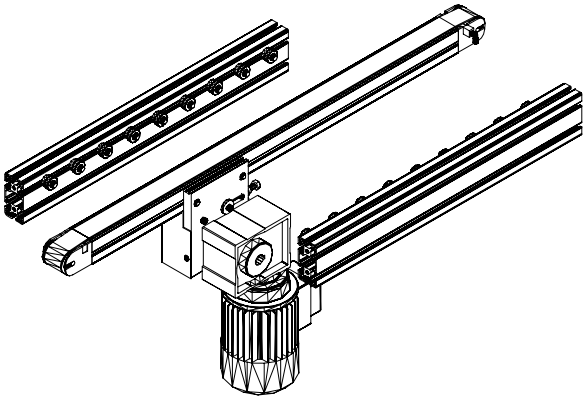
Data and positions

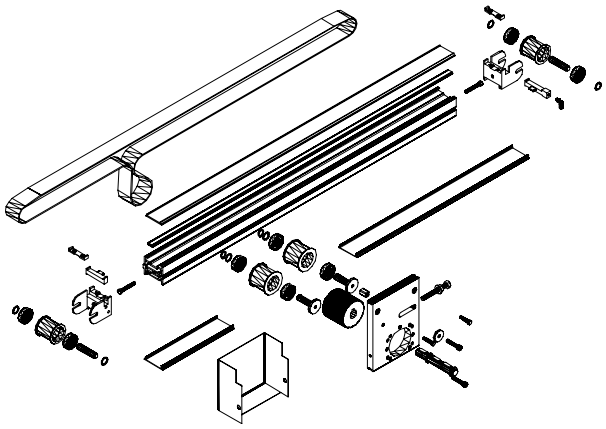
Motors : see page 56
Belts : see page 57











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LA LIBERTÉ DE CONCEVOIR

FLAT BELT CONVEYOR 20☐ 40☐ 90☐

Customer: ..... N° : .....
Contact : ..... Representative : .....
Address : .....
(if different) ..... Quotation n°: .....
.....
Order n° : .....
Tel. : ..... Fax : ..... E-mail : .....

Environment / carried component : .....
Carried load : ..... kg Accumulation : yes ☐ no ☐

Conveyor width : ..... mm
Drive : central ☐ end ☐ double belt Distance between axes E : ..... mm
Extremity diam. : 21 yes ☐ no ☐ Input ☐ Output ☐

Conveyor length L : ..... mm
Belt : PVC ☐ Antistatic ☐ Polyurethane ☐
Timing belt ☐ Accumulation ☐ Antistatic ☐
Other : .....
Stainless steel plate : yes ☐ no ☐ Galvanized steel plate : yes ☐ no ☐
Lower belt support : qty .....

Gear motor IP 54 Other : .....
230/400 V three-phase 50 Hz ☐ 220 single-phase 50 Hz ☐ 24 VDC ☐
Other voltage : .....
Standard speed : ..... m/min Other : ..... m/min
Variable speed from ..... to ..... m/min Power supply 220 V single-phase 50 Hz
Motor position : Right ☐ Left ☐ L1 : ..... mm
A1 ☐ A2 ☐ B1 ☐ B2 ☐ C1 ☐ C2 ☐ D1 ☐ D2 ☐ To define ☐

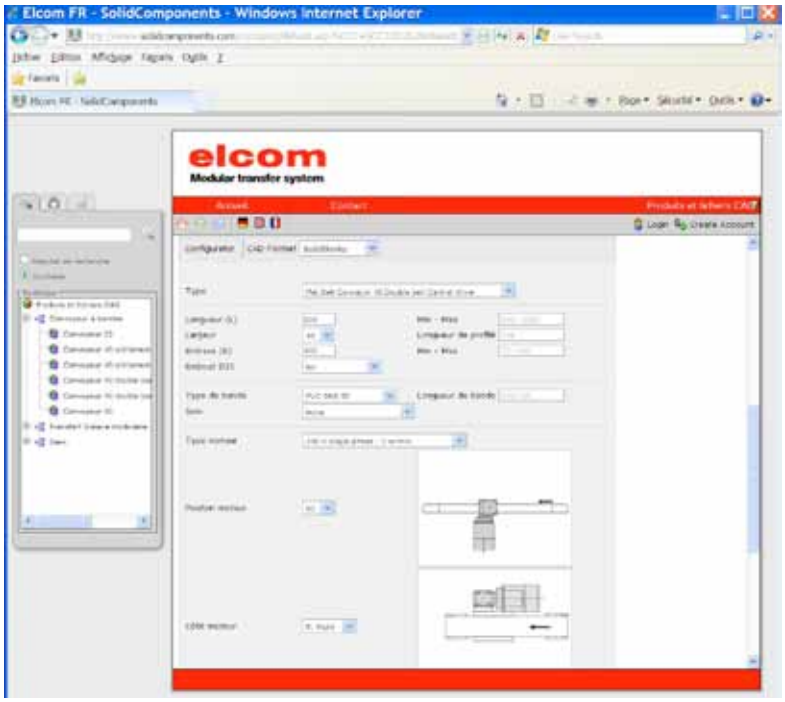
Feet : yes ☐ no ☐
Type A h : ..... mm Type C h : ..... mm L2 : ..... mm
Type B h : ..... mm
Other (drawing ref.) : .....

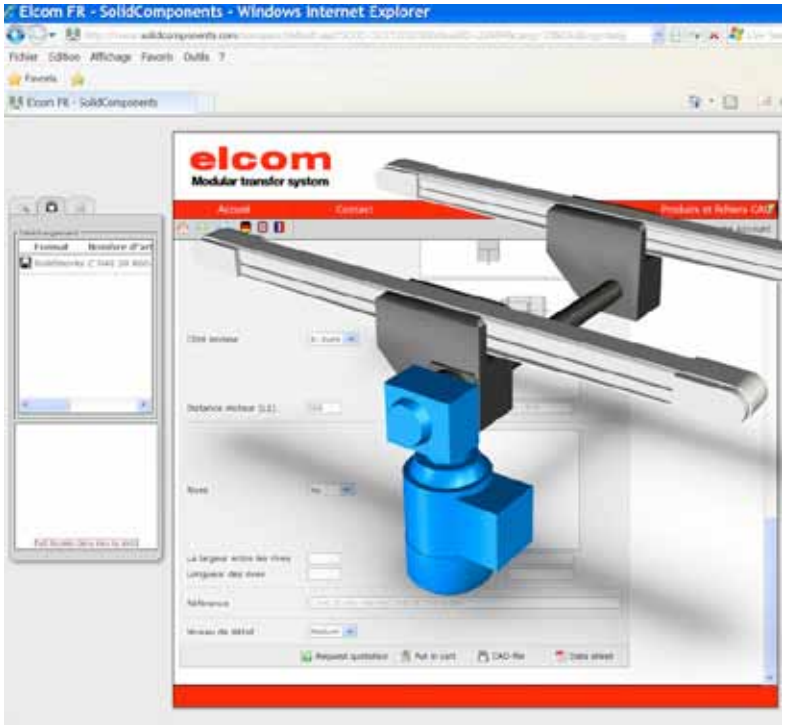
Lateral guide : yes ☐ no ☐
Type A L : ..... mm Type B L : ..... mm
Type C L : ..... mm Type D L : ..... mm
Type E L : ..... mm Type F L : ..... mm
Other (drawing ref.) : .....

Comments :

FLAT BELT CONVEYOR DETERMINATION

Our website www.elcom.fr offers the possibility of configuring yourself on-line the flat belt conveyor corresponding to your needs.





Downlaod the requested solutions in CAD 2D-3D format.

Simple or double belt, with central or end drive.
Standard or special belts, cleated belts...
Widths from 20 mm to 1000 mm.
Standard widths available with thickness 20, 40 or 90 mm.

elcom's flat belt conveyor design, constructed from item's range of profiles, **enables a great modularity.**

The perfect complementarity between flat belt conveyors, profiles and transfer system will facilitate the realization of your ideas.

All services on our website

www.elcom.fr

notes

Lean Manufacturing is a method of continuous improvement which aimed at reducing costs and production times, while improving product quality and safety of employees.

To achieve these objectives, a **Lean Manufacturing** approach consists in reduce or **eliminate the wastings, the rigidities and the variabilities** in order to concentrate on the activity of the company : **create value.**

The integration of conveyors in the production system allows, among other things, of:

- reduce waiting times between various stages of the manufacturing process
- simplify and secure the transport of materials, components, finished products
- eliminate useless operations
- control the stocks
- decrease the movements and displacements of employees without added value
- increase the level of product quality

The **elcom system concept**, arisen from the will of **elcom** to fight against the risks of musculoskeletal disorders (MSD), is an innovative concept combining all of our technologies :
from work benches to modular transfer systems, via lifting boxes or modular elements such as line D30.

The conveyors join perfectly into the **elcom system concept** which offers a complete, personalized, flexible and ready to use solution.

The integration of flat belt conveyors, combined with our modular elements, in the environment and the production flow will enable to eliminate numerous wastings, reduce the risks of musculoskeletal MSD and improve the well-being of your employees at work.

AUTOMOTIVE INDUSTRY

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Modular elements for industrialization

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LA LIBERTÉ DE CONCEVOIR

www.elcom.fr

HEAD-OFFICE / PLANTS

1 rue Isaac Asimov
ZAC de la Maladière
38300 BOURGOIN-JALLIEU
Tél. : (+33) 4 74 43 99 61
Fax : (+33) 4 74 28 59 02
e-mail : elcom@elcom.fr

2ND ESTABLISHMENT / PLANT

6 rue Théodule Villeret
Z.A.E. St-Leu
95130 LE PLESSIS-BOUCHARD
Tél. : (+33) 1 34 44 23 00
Fax : (+33) 1 34 44 23 09
elcomparis@elcom.fr

ELCOM WORLDWILDE

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Scandinavia
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www.elcom.fr