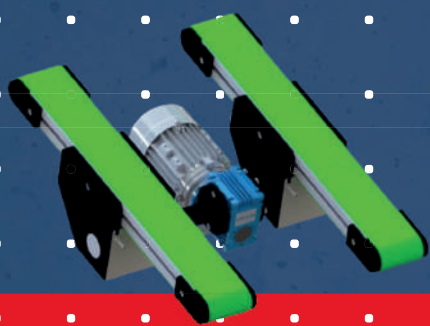
Conveyors



elcom by hellomoov'

/ FRENCH INDUSTRIAL LEADER

For more than 35 years, **Elcom** has been providing innovative solutions to industries. Our approach offers a complete freedom of design thanks to a unique range of flat belt conveyor and modular transfer systems.

35 YEARS

/ GEOGRAPHICAL PRESENCE

Benelux
Czech Republic
France
Germany
Hungary

Italy
Poland
Portugal
Scandinavia
Spain

Australia
Canada
USA

Tunisia

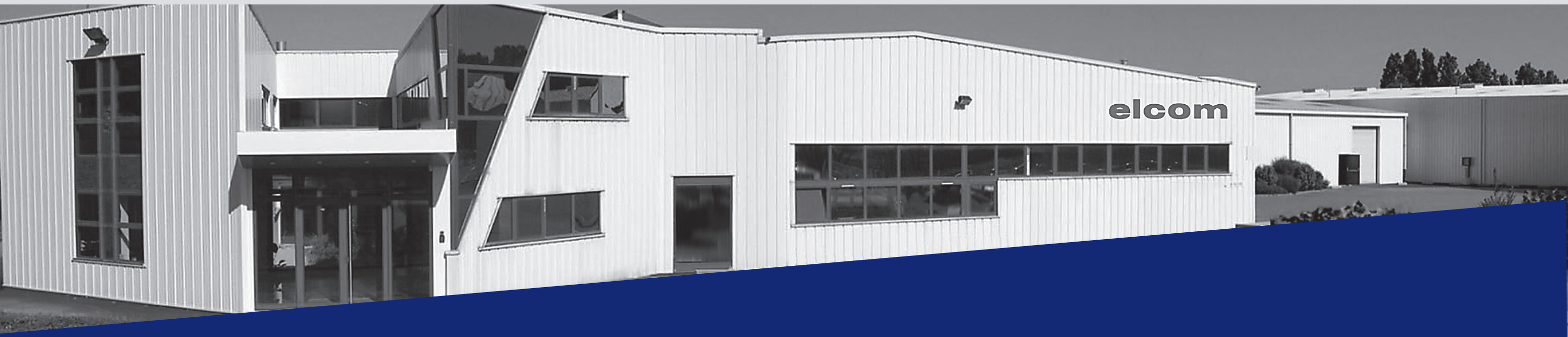
Asia
China
India
Korea
Vietnam

/ COMPLETE RANGE AND NEW PRODUCTS

Our creations result from a large range of products whic is regularly enlarged by novelties, espacially intelligent transfer systems.
No pneumatic network and therefore no pneumatic energy costs:
10 to 20 times cheaper.
Our applications offer unlimited possibilities in terms of industrial modularity.

/ SERVICES

- x High 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' drawings and sketches
- x Technical advice
- x CAD files library
- x Fast prototype abilities



www.elcom.fr

/ CONVEYORS

Elcom 's conveyors design, built from h'elcom range of profiles enables a great modularity.

Our conveyors allow to convey unique parts and individual packagings but also bulk products thanks to a tightened conveying belt on a frame by means of pulleys of dimensions 20 to 90 mm

Elcom provides conveyors with:

- > flat belt,
- > timing belt,
- > modular belt,
- > rollers.

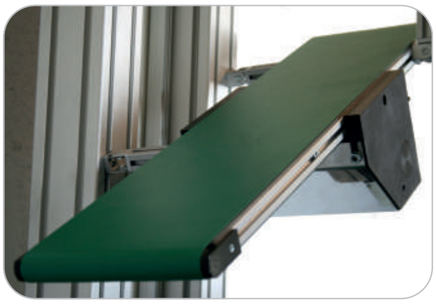
The perfect complementarity between conveyors, profiles and transfer system will facilitate the study and realization of your projects.

CONVEYORS 20, 40, 80, 90 - TB 24, TB 50, TB 90

Conveyor 20 Flat belt

Page 12

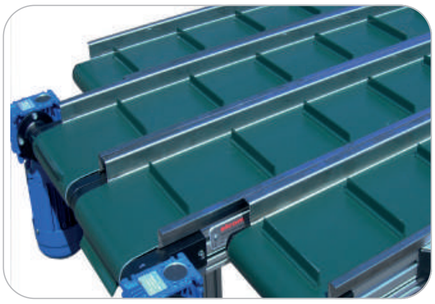
Central drive



Conveyor 40 Flat belt

Page 18

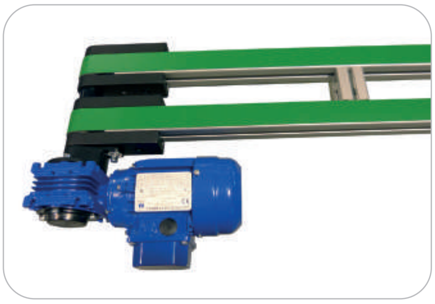
Central drive
End drive
End drive, motor below



Conveyor 40 Double flat belt

Page 26

Central drive, external motor
Central drive, internal motor
End drive



Conveyor 40 Timing belt

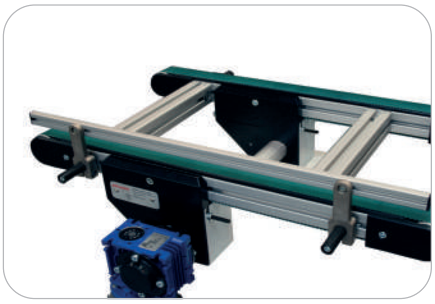
Page 34

Central drive
End drive
End drive, motor below

Conveyor 40 Double timing belt

Page 42

Central drive, external motor
Central drive, internal motor
End drive



Conveyor 40 Inclined
Page 50

End drive

Conveyor 80 Flat belt
Page 58

End drive 90 W
End drive 250 W
End drive fixed motor

Conveyor 90 Flat belt
Page 64

End drive
End drive, motor below

Conveyor 90 Motorized drum
Page 70

End drive

Conveyor 90 Timing belt
Page 74

End drive

Conveyor 90 Double timing belt
Page 78

End drive

Conveyor with non driven rollers
Page 82

Straight line
Curved

Conveyor with motorized rollers
Page 96

Straight line
Curved

Accessories
Page 102

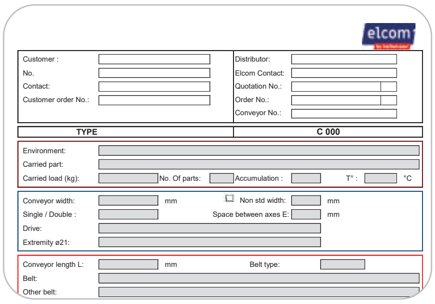
Belts
Motorisation
Extremity Ø 21 mm
Plates
Lower belt supports
Lateral guides
Conveyor stands
Fastening plate

Conveyors Applications

Page 115

Conveyor determination sheet

Page 120


elcom

Customer :
No.
Contact:
Customer order No.:
Distributor:
Elcom Contact:
Quotation No.:
Order No.:
Conveyor No.:

TYPE	C 000

Environment:
Carried part:
Carried load (kg): No. Of parts: Accumulation : T° : °C

Conveyor width: mm Non std width: mm
Single / Double : Space between axes E: mm
Drive:
Extremity ø21:

Conveyor length L: mm Belt type:
Belt:
Other belt:

Conveyor TB 24
Page 124

Determination sheet p 126

Conveyor TB 50
Page 128

Accessories p 136
- Support roller set
- Extremity knife set
- Lateral slide guide profile
- Leg sets
- PE/Stainless Steel guide
- Groove nut

Determination sheet p 136

Conveyor TB 90
Page 138

Accessories p 144
- Support roller set
- Lateral slide guide profile
- Leg sets
- PE/Stainless Steel guide
- Groove nut

Determination sheet p 144

Elcom flat belt conveyors are divided into 4 ranges depending on the diameter of the pulley: 20, 40, 80 and 90 mm.

CONVEYOR 20 :
Compact conveyor made from profiles basis 5, width 20 mm for very small and light components.

CONVEYOR 40:
Compact conveyor made from profiles basis 8, width 40 mm for all kinds of components.

CONVEYOR 80:
Compact conveyor made from profiles basis h'elcom, dedicated to the conveying of light and bulky loads.

CONVEYOR 90 :
Compact conveyor made from profiles basis 8, width 90 mm for heavy, high-volume components.

Conveyors are available with flat belt, timing belt, modular belt or rollers, following your requirements.

With:

- central drive
- end drive
- motor below
- external motor
- internal motor
- single belt
- double belt
- multi-belt
- rollers
- straight line
- curved
- inclined
- cleated belt
- accessories

Width rom 20 to 1 000 mm and center distance 300 to 6 000 mm.

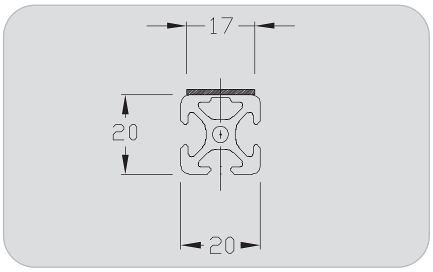
Possible adaptation on request.

Overview of standard conveyors by type of belts

	Conveyor 20 flat belt p.12-17		Conveyor 40 flat belt p.18-33				Conveyor 40 timing belt p.34-49		Conveyor inclined 1, 2 or 3 p.50-57	Conveyor 80 90 W p.60-61		Conveyor 80 250 W p.62-63		Conveyor 90 flat belt p.64-69	Conveyor 90 timing belt p.74-81	
			End		Central		Central / End		End	End		End		End	End	
	Accumulation		Accumulation		Accumulation		Accumulation			Accumulation		Accumulation		Accumulation	Accumulation	
	Yes	No	Yes	No	Yes	No	Yes	No		Yes	No	No	No	No	Yes	No
20	1	2							8 kg maxi 4 m							
40	8	16	6	12	8	16	56	80							50	80
80	16	32	12	24	16	32	70	100							70	110
120			18	36	24	48									90	150
160	24	48	24	48	32	64				30 kg without accum. maxi 12 m /min	15 kg without accum. maxi 24 m /min	60 kg without accum. maxi 12 m /min	30 kg without accum. maxi 24 m /min			
200			30	60	40	80										
250			36	72	48	96										
300			42	84	56	112										
400			48	96	64	128										
500														150 kg maxi 6 m without accumulation		
600																
700																
800																
1000																

All these data are indicative and depend on:
length of the conveyor, speed, duty cycle, belt and motor types.

FLAT BELT CONVEYOR 20



Conveyor 20

Flat belt
Central drive
Width 20 mm

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 5

Dimensions (mm)

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

Gear motors

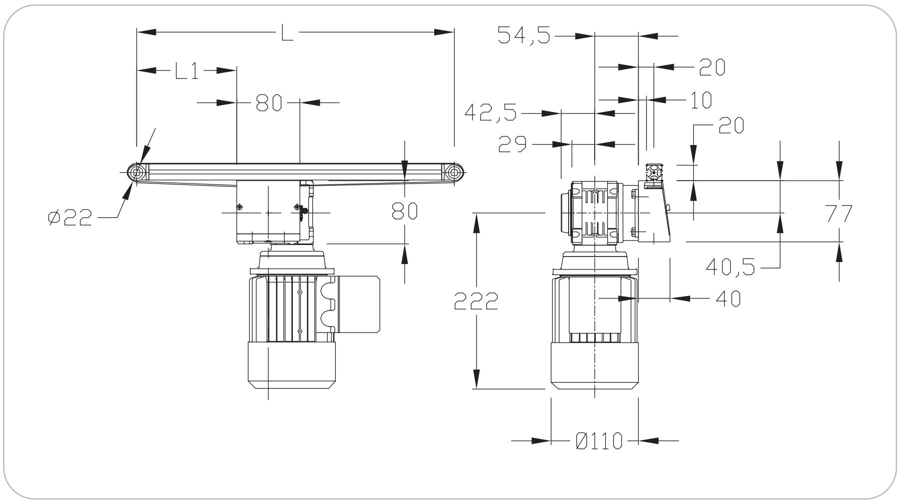
- x 230 V single-phase and 230/400 V three-phase
- x Speed (m/min) +/- 10 %:
  1 - 2 - 3 - 6 - 9 - 12 - 19
- x 24 Vcc speed (m/min) +/- 10 %:
  3 - 4 - 8 - 13 - 19

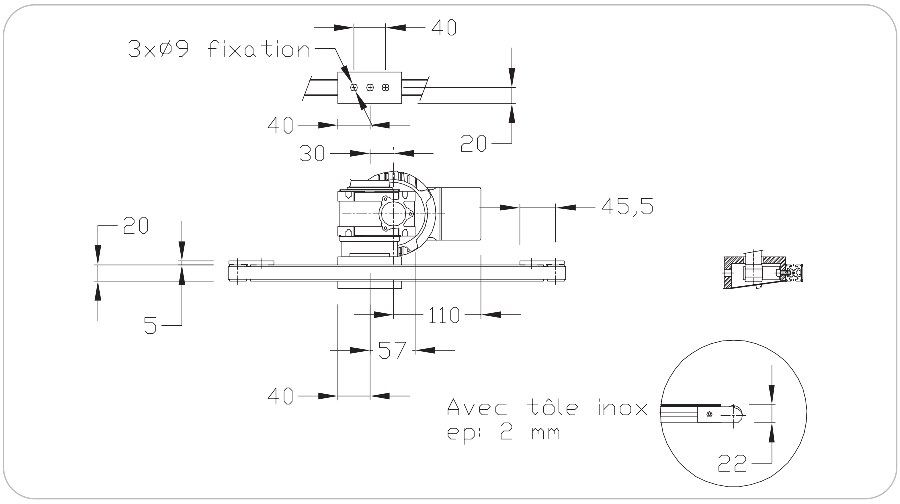
Gear motors data: Page 106

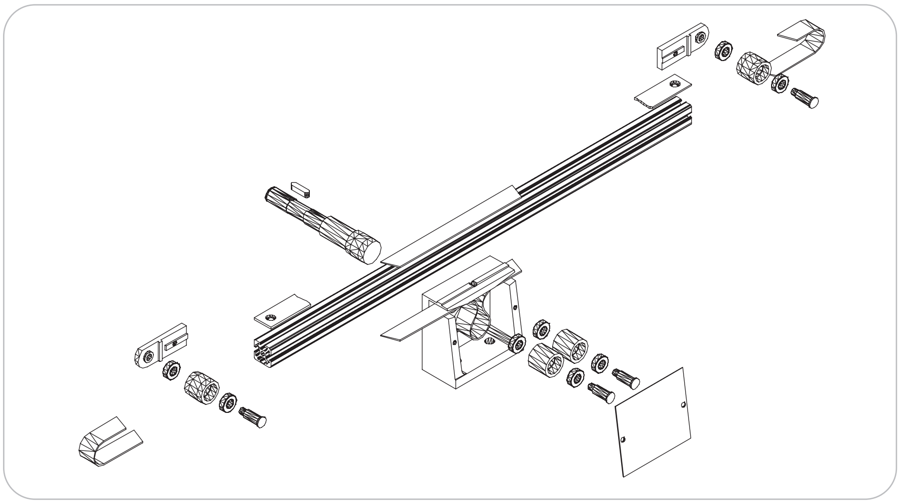
Belts

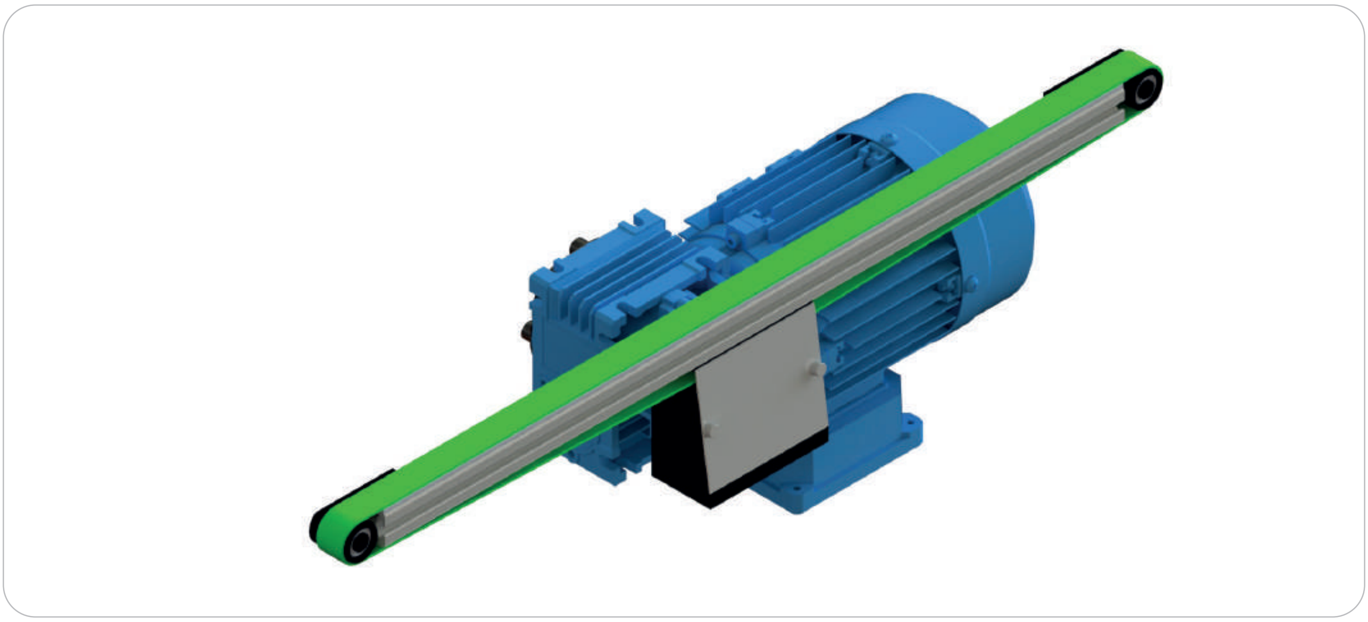
Belt polyuréthane maxi thickness: 1,3 mm
Belt rigidity with tension 1%:
5 N/mm maxi.
Belt data: Page 104

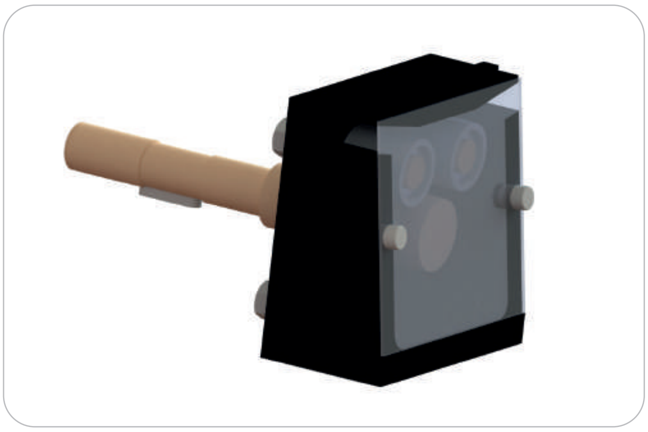
Permissible load: 2 daN
(Without accumulation)
Load data: Page 11

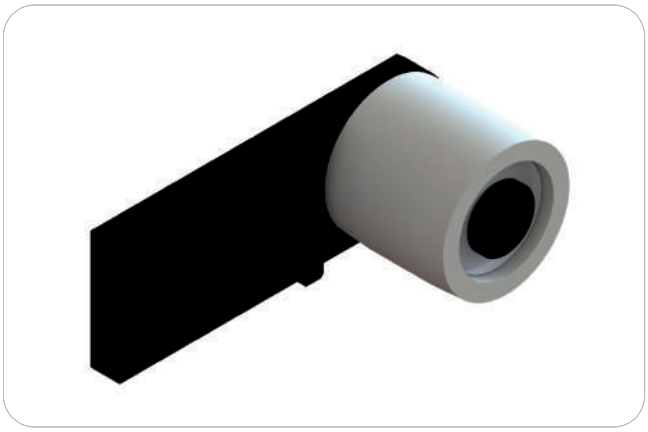




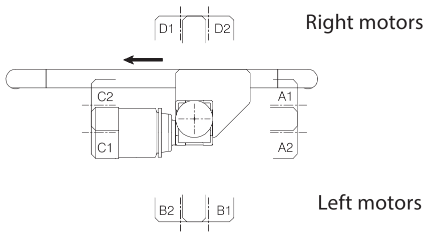




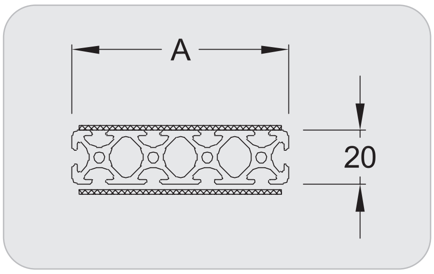




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 20 Flat belt Central drive 20 mm	1 pce	C 020 10 000
Conveyor 20 Flat belt Central drive 20 mm 24 V	1 pce	C 020 11 000



Conveyor 20

Flat belt
Central drive
Widths 40, 80, 160 mm

Technical data

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

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

Dimensions (mm)

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

Gear motors

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

Gear motors data: Page 106

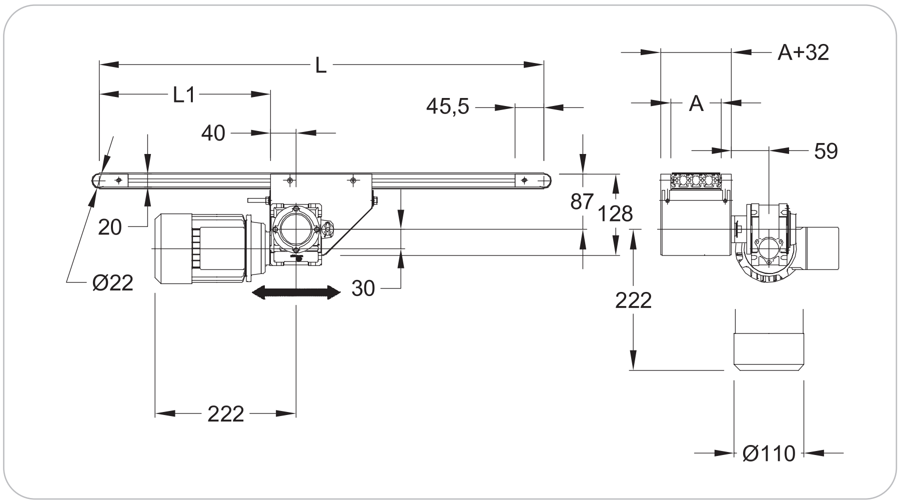
Belts

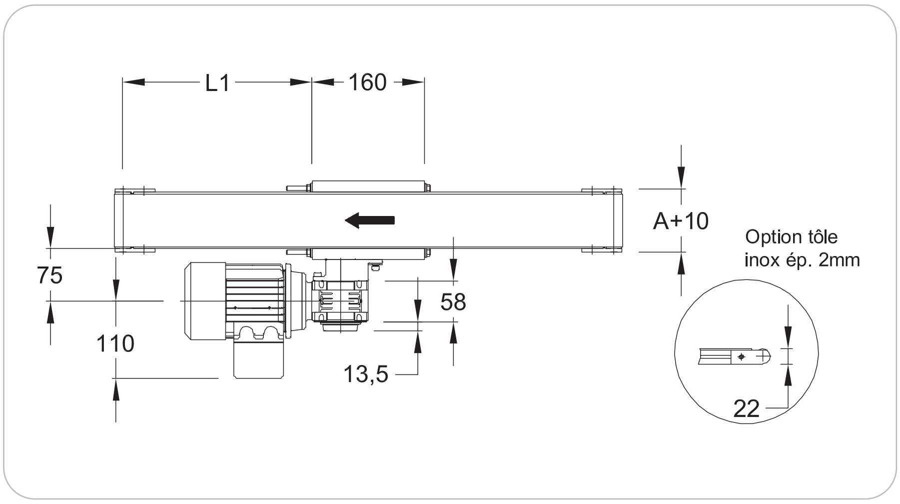
Installation tension: 0,5 % maxi
Polyurethane belt maxi thickness: 1,3 mm
Belt rigidity with tension 1%:
5 N/mm maxi
Belt data: Page 104

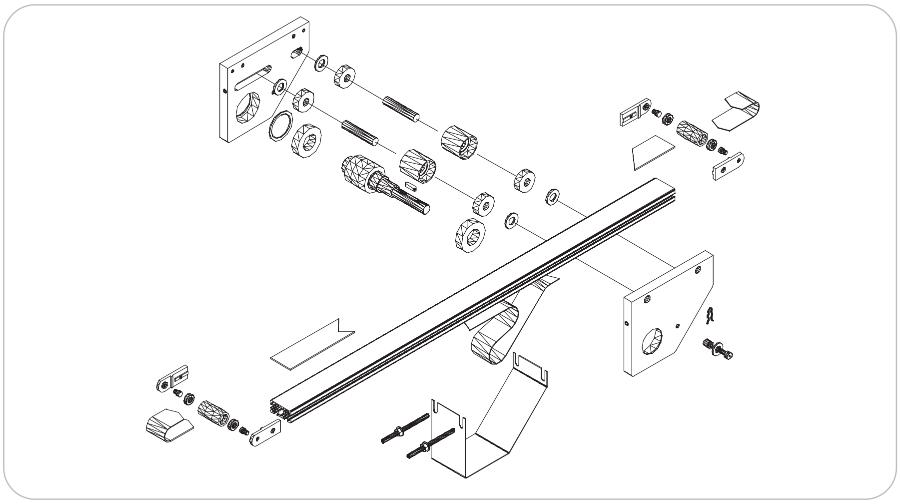
Permissible loads:

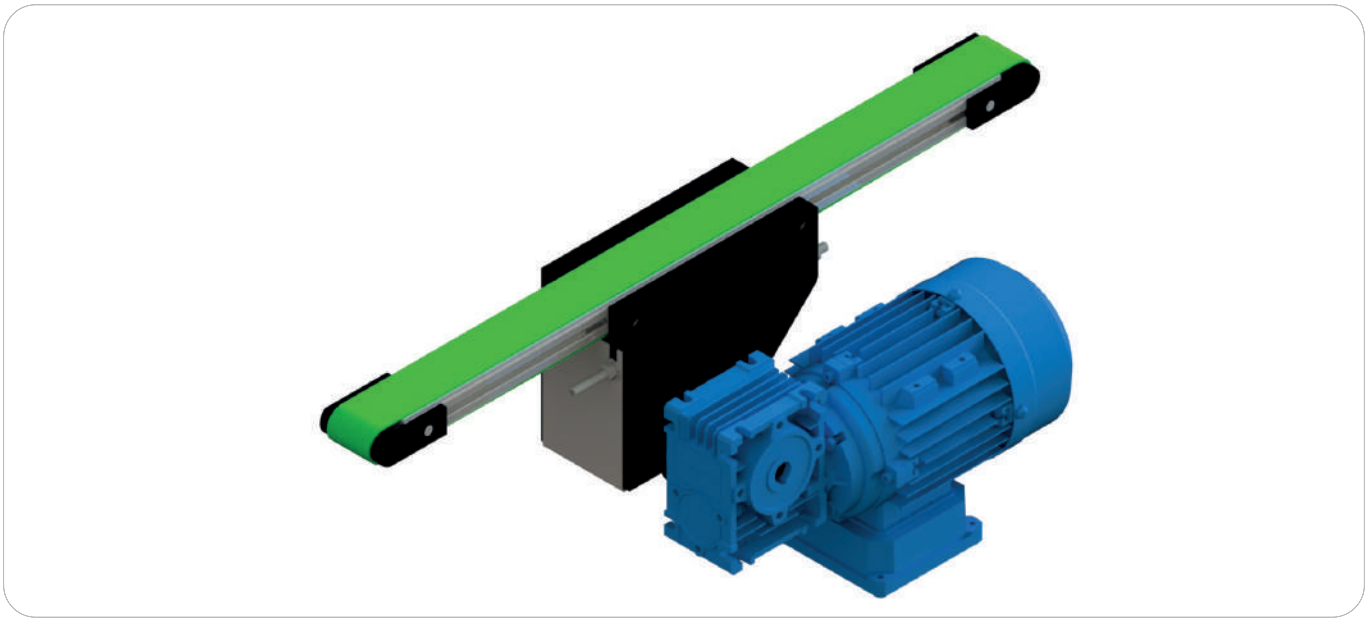
width 40:	16 daN
width 80:	32 daN
width 160 :	48 daN

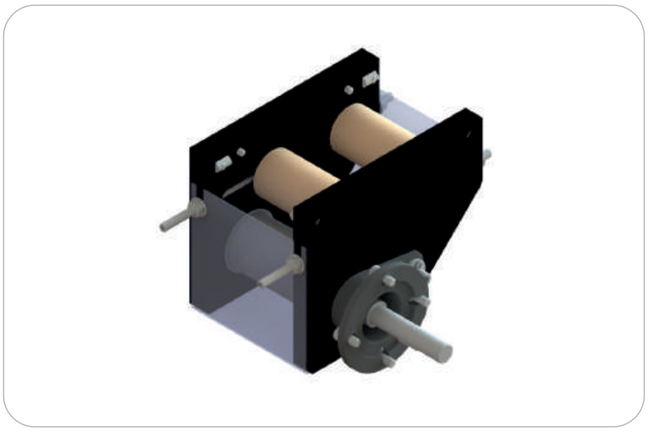
(Without accumulation)
Load data: Page 11

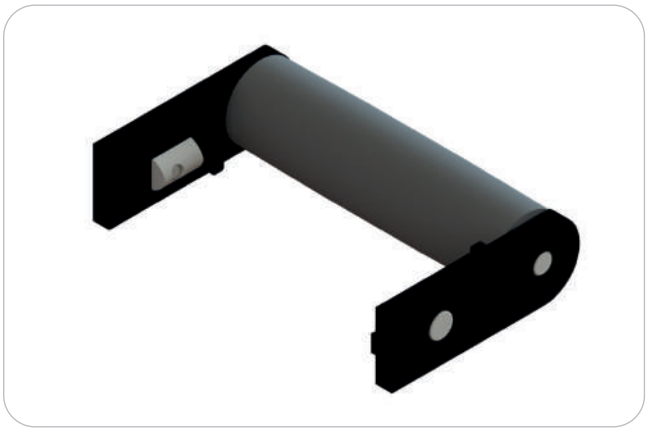




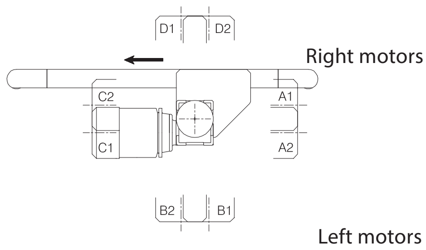






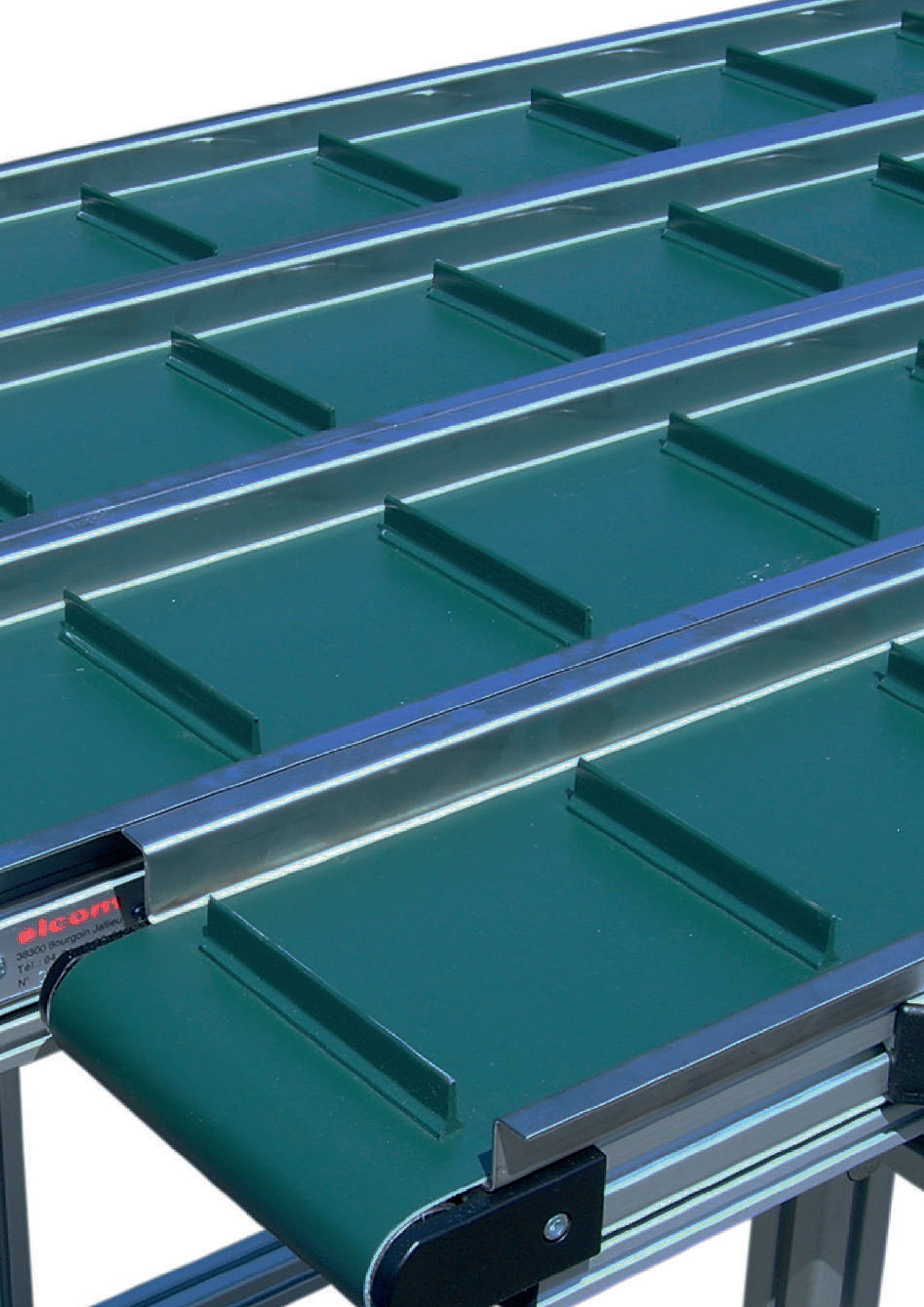


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 20 Flat belt Central drive 40 mm	1 pce	C 020 20 000
Conveyor 20 Flat belt Central drive 80 mm	1 pce	C 020 30 000
Conveyor 20 Flat belt Central drive 160 mm	1 pce	C 020 50 000

CONVEYOR 40 FLAT BELT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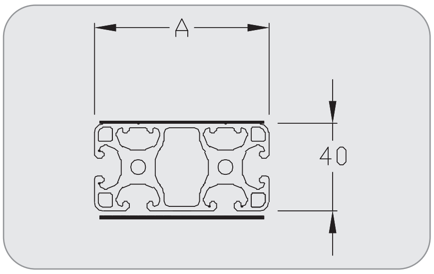
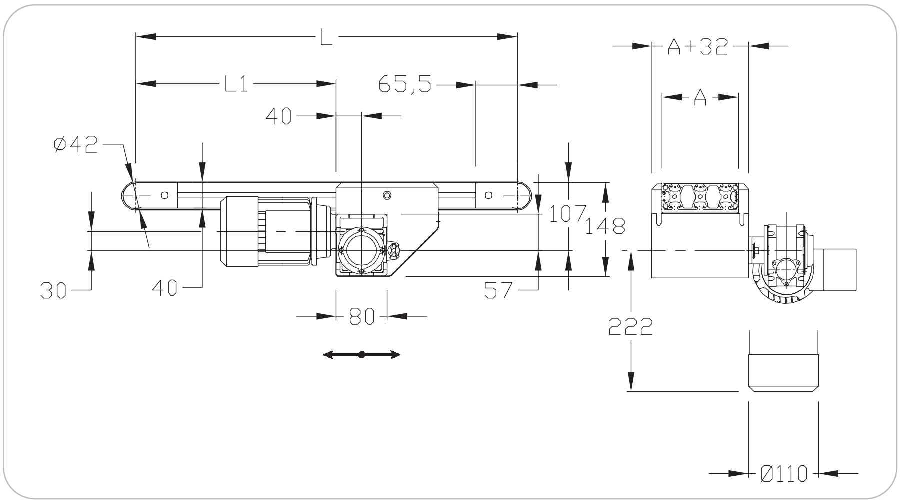
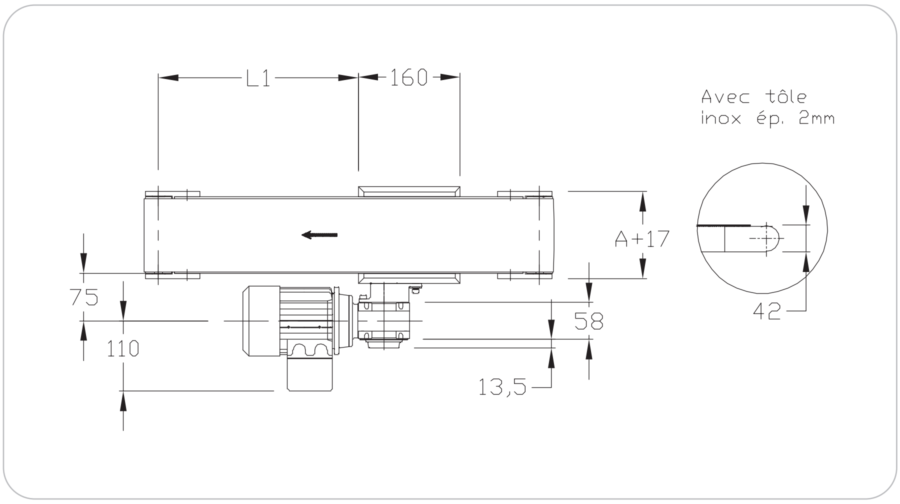
38300 Bourgoin

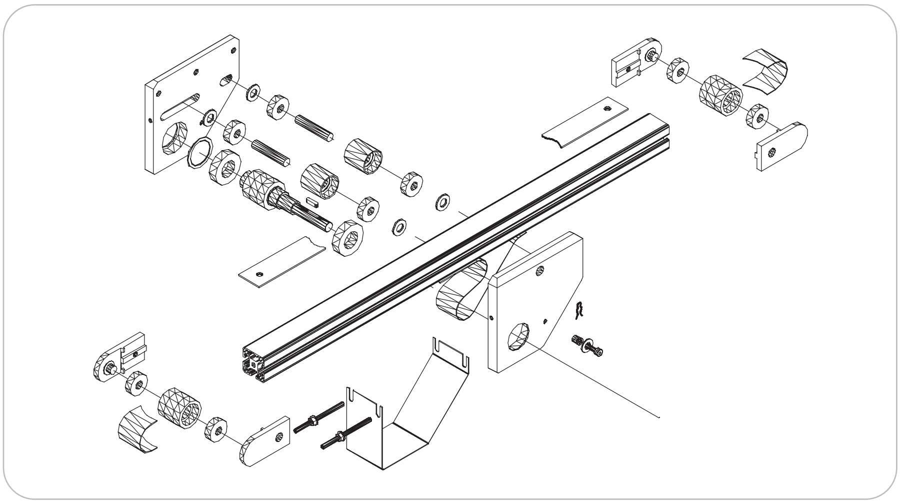


Conveyor 40

Flat belt
Central drive
Widths 40, 80, 120, 160, 200, 250, 300, 400 mm







Technical data

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

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

Dimensions (mm)

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

Gear motors

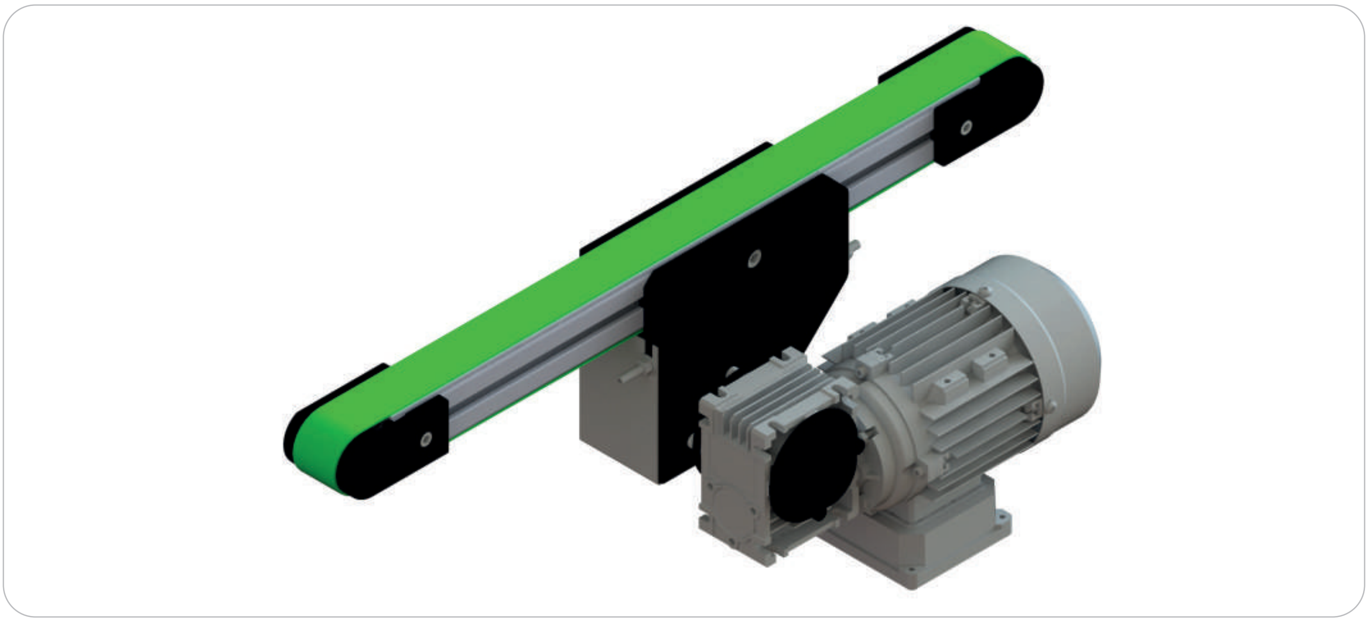
- 230 V single-phase and 230/400 V three-phase
- Speed (m/min) +/- 10 %:
  2 - 3 - 6 - 9 - 12 - 18 - 24
- 24 Vcc on request

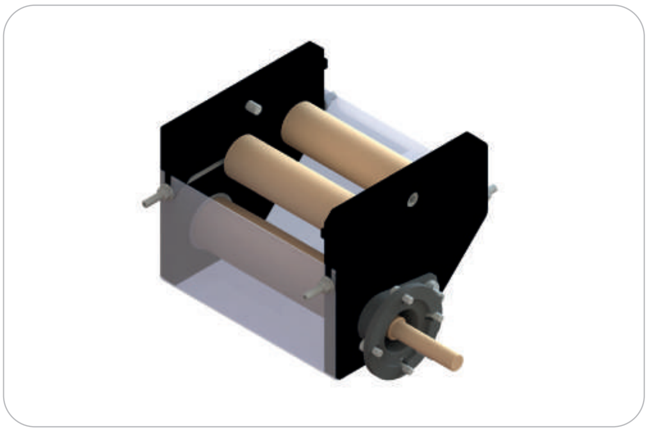
Gear motors data: Page 106

Belts

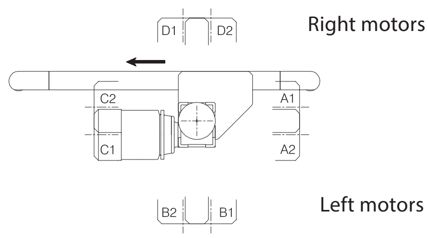
Recommended installation tension:
0,5 % maxi
Belt data: Page 104

Permissible loads: see loads data page 11.



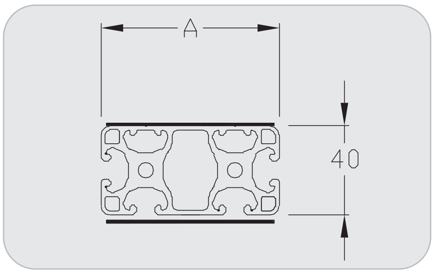


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Flat belt Central drive	**1 pce**	**C XXX 10 000**

(XXX = Width A of conveyor eg: C 040 10 000)



Conveyor 40

Flat belt
End drive
Widths 40, 80, 120, 160, 200, 250, 300, 400 mm

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 Width of belt: A-5
- x Length of belt: Lc= (2xL) + 132
- x Length hors-tout :
  Lh = L + 42 + 2 x ép. bande + tension
- x Length of profile: LP= L-52,5

Gear motors

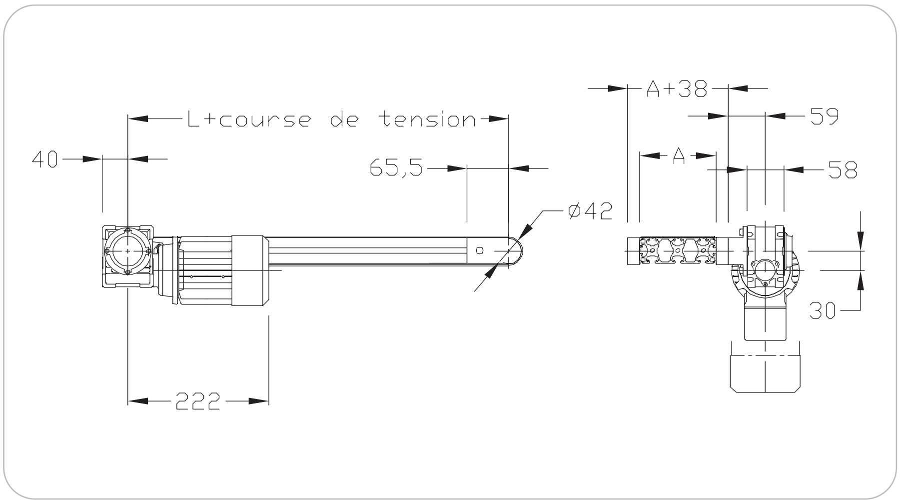
- x 230 V single-phase and 230/400 V three-phase
  Speed (m/min) +/- 10 %:
  2 - 3 - 6 - 9 - 12 - 18 - 24
- x 24 Vcc on request

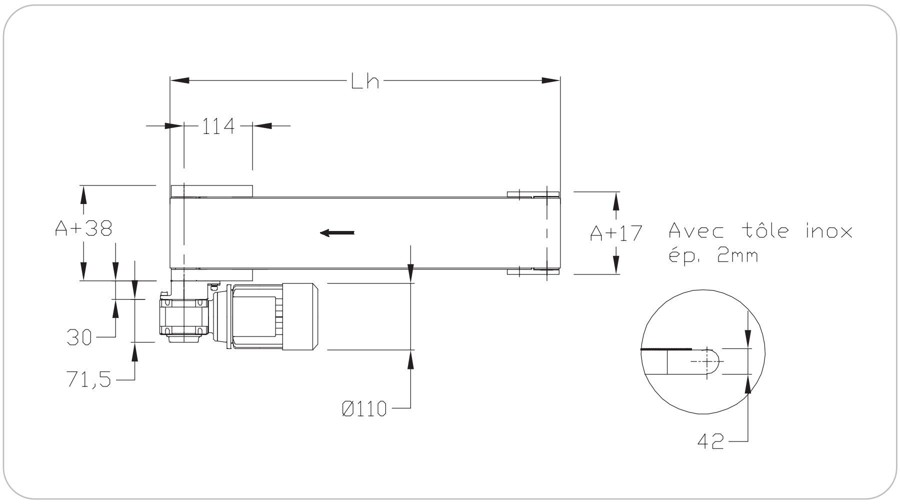
Gear motors data: Page 106

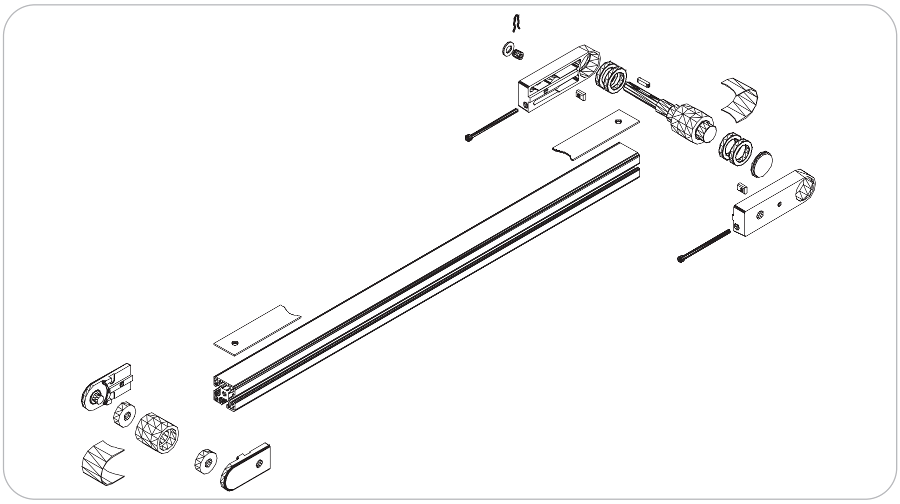
Belts

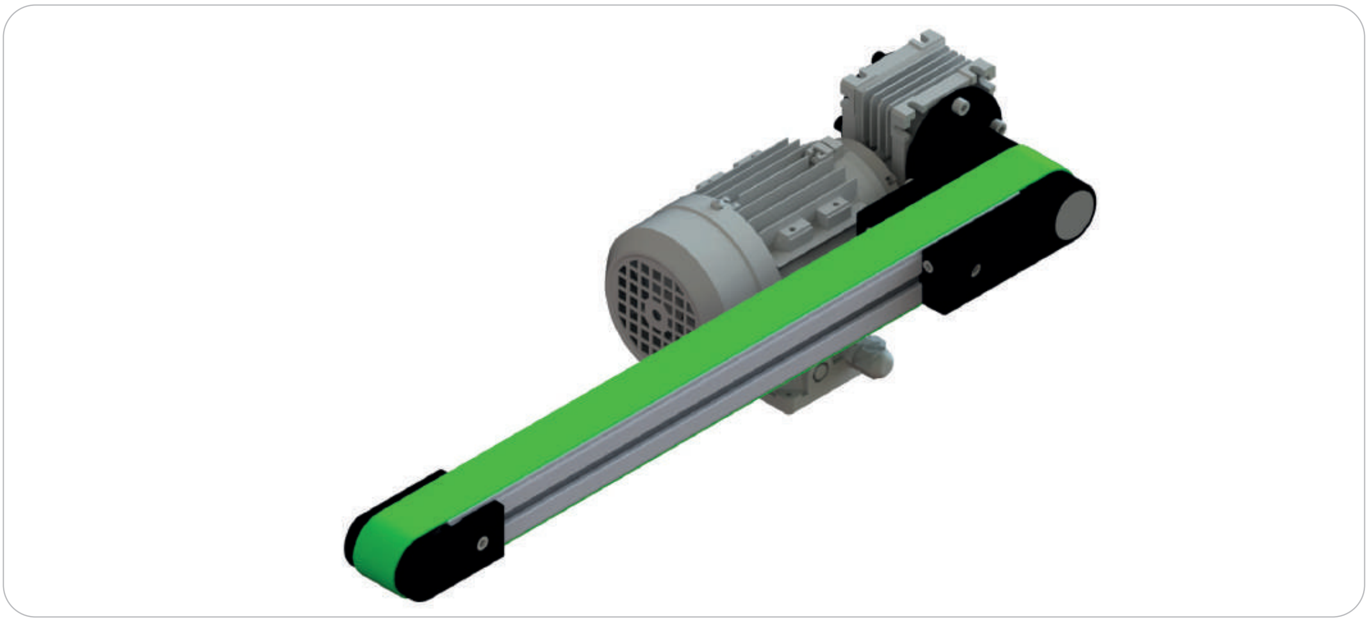
Recommended installation tension:
0,5 % maxi
Belt data: Page 104

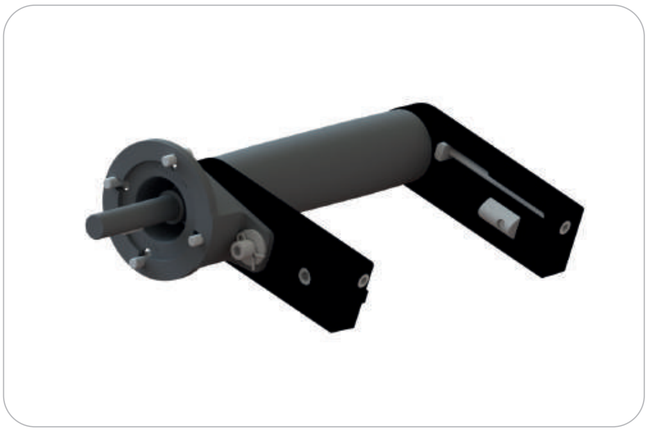
Permissible loads: see loads data page 11.



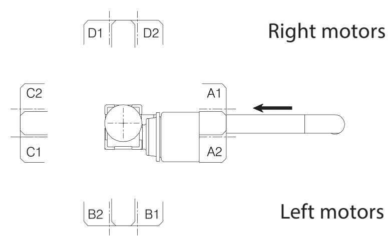






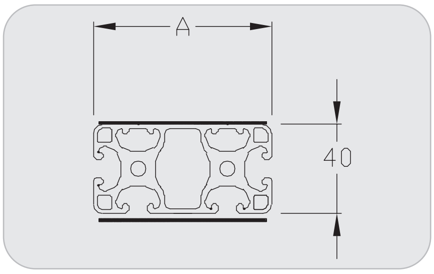


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Flat belt End drive	1 pce	C XXX 50 000

(XXX = Width A of conveyor eg: C 040 50 000)



Conveyor 40

Flat belt
End drive, motor below
Widths 40, 80, 120, 160, 200, 250, 300, 400 mm

Technical data

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

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

Dimensions (mm)

- Width A: 40 - 80 - 120 - 160 - 200 - 250 - 300 - 400
- Length L: 400 to 6 000
- Width of belt: A-5
- Length of belt: Lc= (2xL) + 132
- Length hors tout :
  Lh = L + 42 + 2 ép. bande + tension
- Length of profile: LP= L-52,5

Gear motors

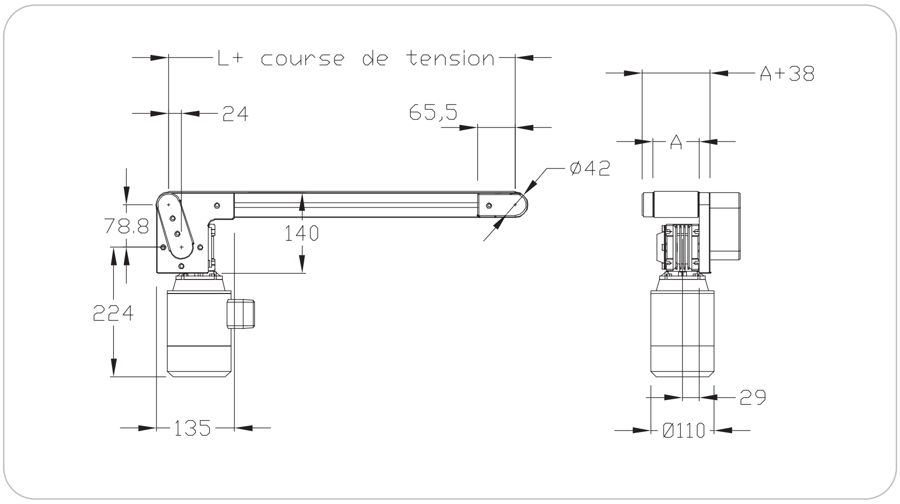
- 230 V single-phase and 230/400 V three-phase
  Speed (m/min) +/- 10 %:
  2 - 3 - 6 - 9 - 12 - 18 - 24
- 24 Vcc on request

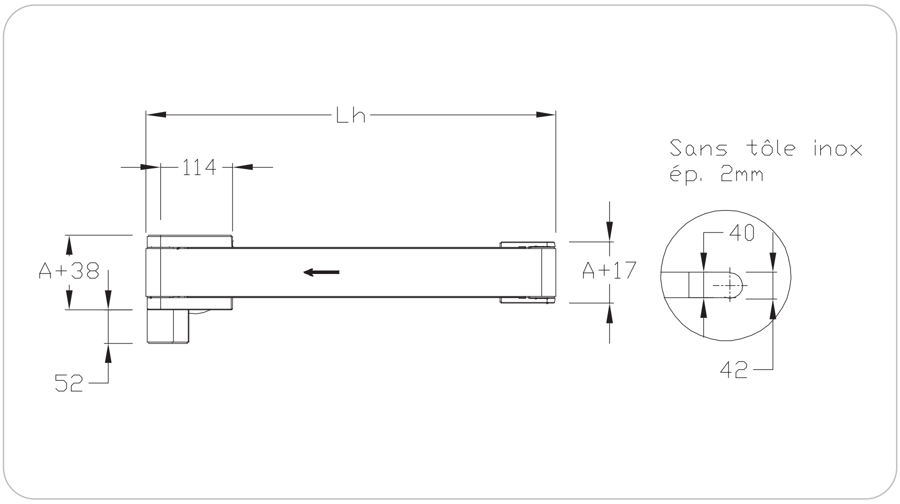
Gear motors data: Page 106

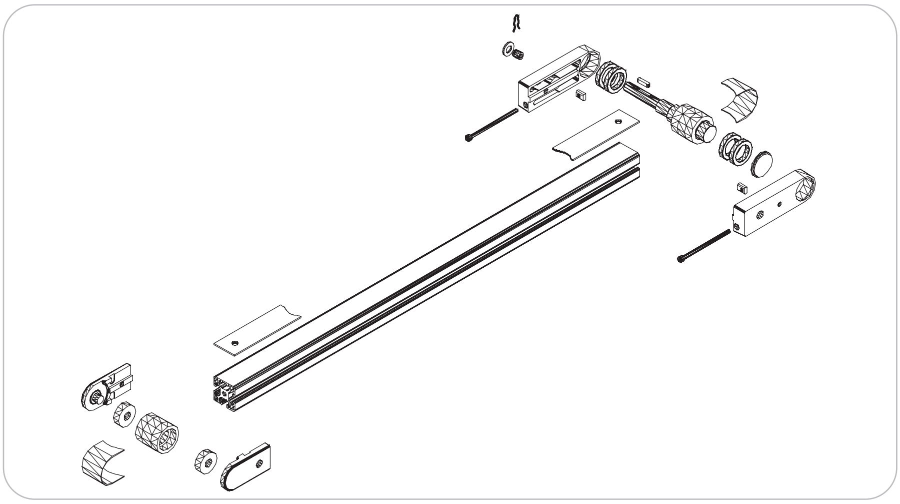
Belts

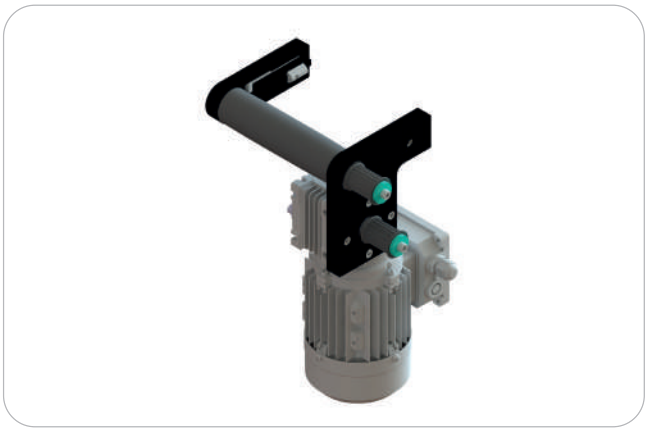
Installation tension: 0,5 % maxi
Belt data: Page 104

Permissible loads: see loads data page 11.

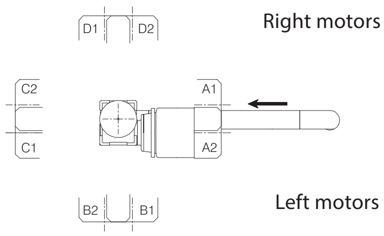








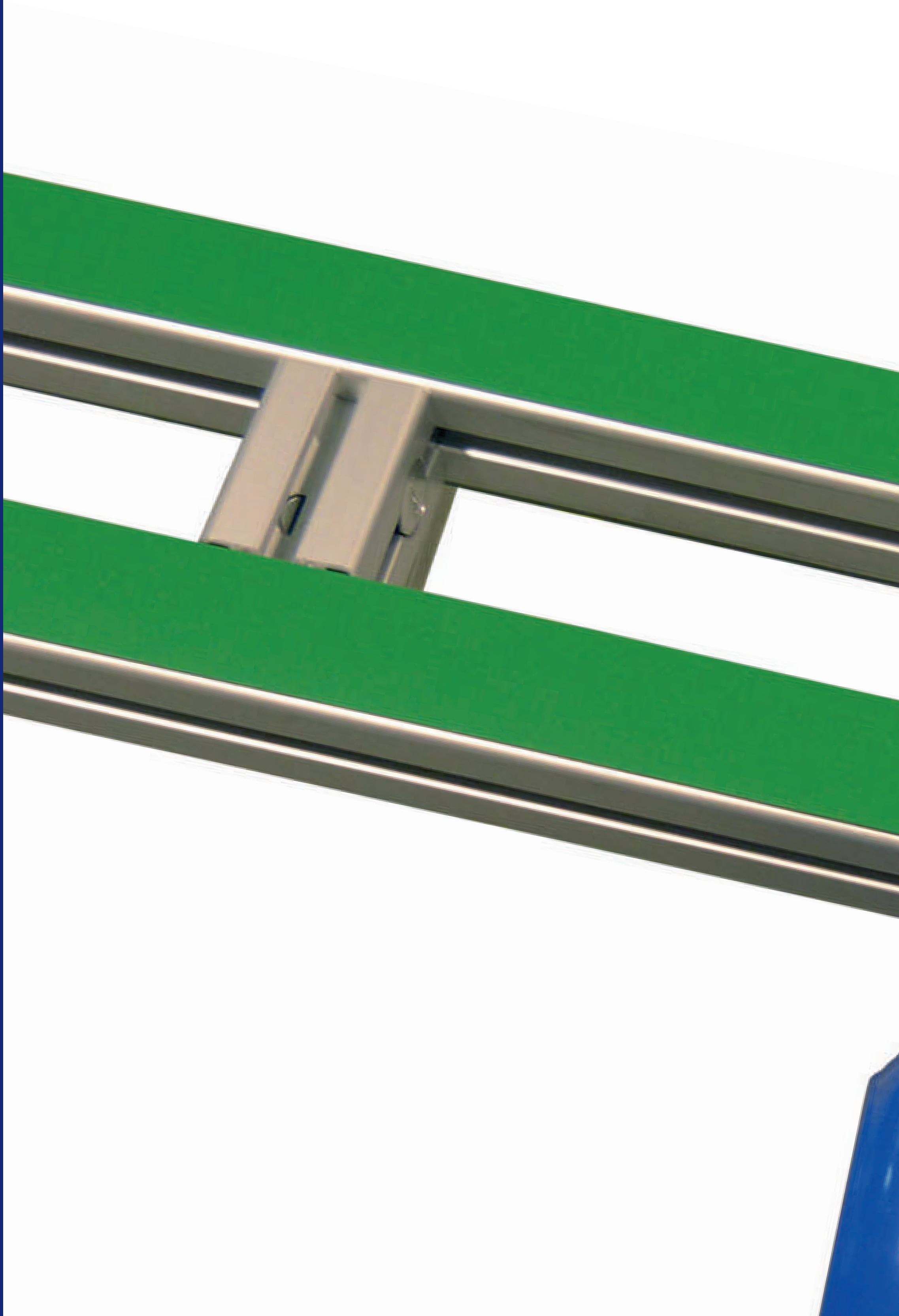
Gear motors positions (see page 106)

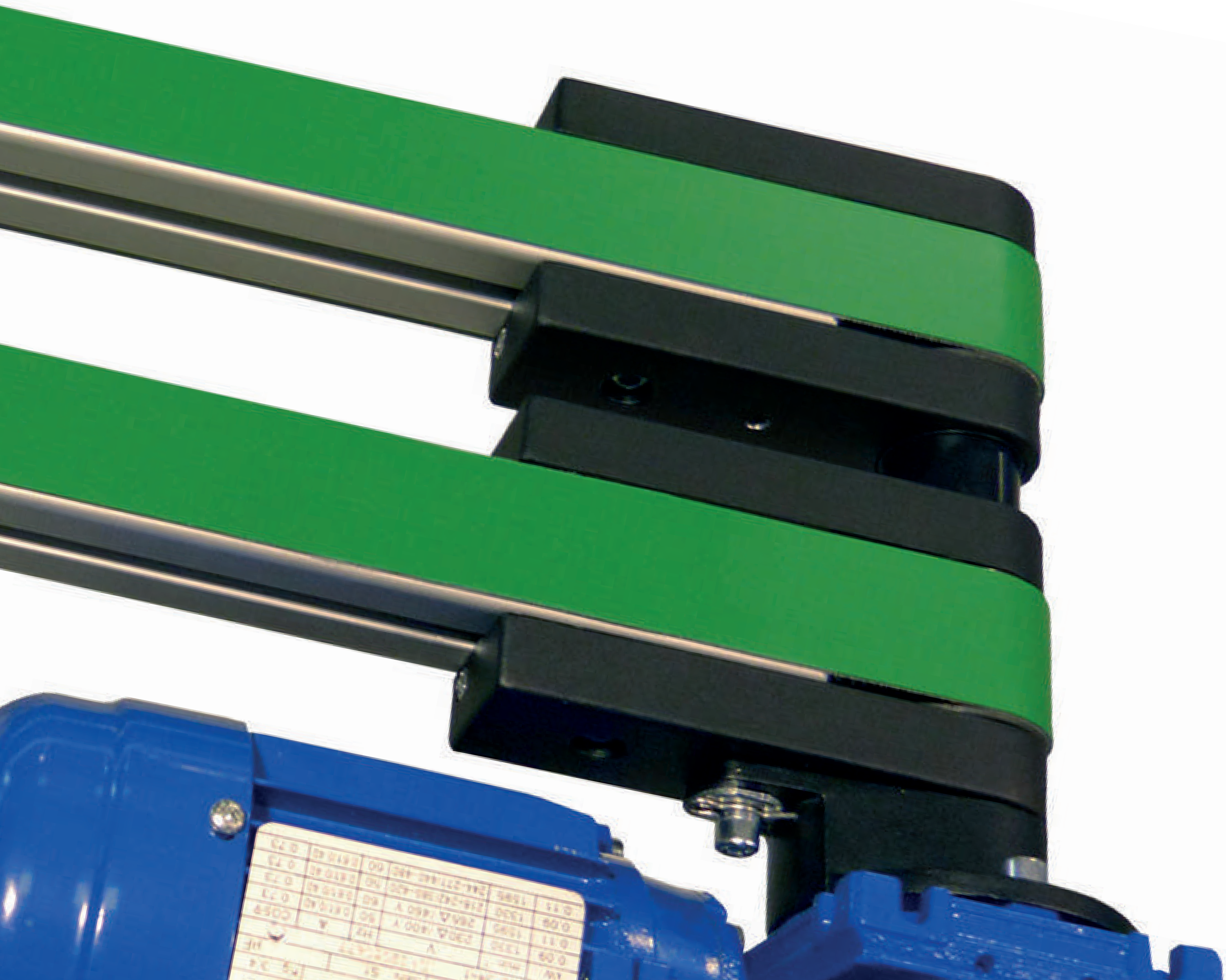


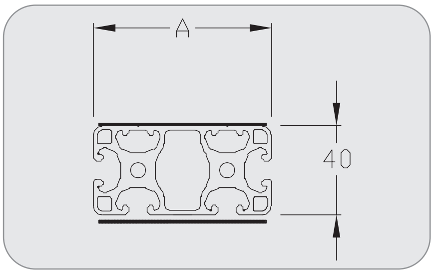
Product description/Dimensions	Order unit	Reference
Conveyor 40 Flat belt End drive Motor below Right	1 pce	C XXX 53 000D
Conveyor 40 Flat belt End drive Motor below Left	1 pce	C XXX 53 000G
Conveyor 40 Flat belt End drive Motor below Steel Right	1 pce	C XXX 53 000ID
Conveyor 40 Flat belt End drive Motor below Steel Left	1 pce	C XXX 53 000IG

(XXX = Width A of conveyor   eg: C 040 53 000)

CONVEYOR 40 DOUBLE FLAT BELT







Conveyor 40

Double flat belt
Central drive, external motor
Widths 40, 80 mm

Technical data

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

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

Dimensions (mm)

- Width A: 40 - 80
- Length L: 400 to 6 000
- Width of belt: A-5
- Length of belt:
  Lc= (2xL+375) x 0,992
- Length of profile: LP= L-50
- Center distance mini:
  Width 40: 92
  Width 80: 132
- Center distance maxi:
  Width 40: 840
  Width 80: 800

Gear motors

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

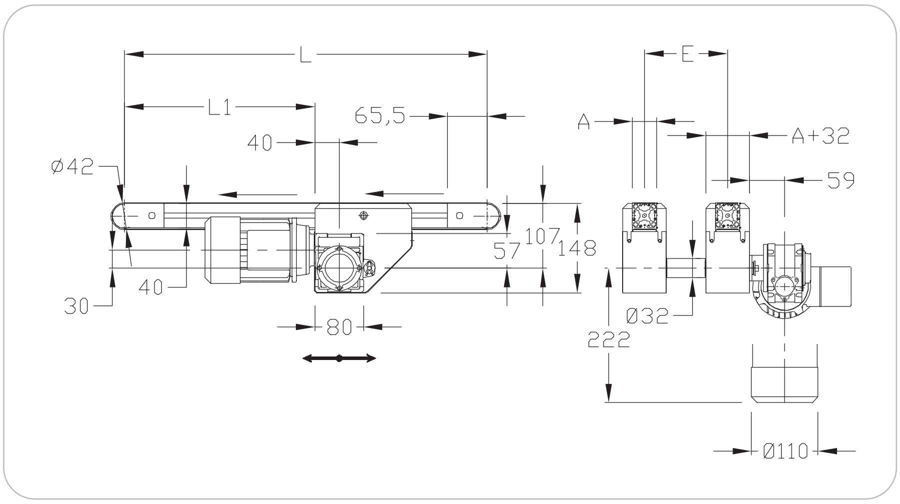
Gear motors data: Page 106

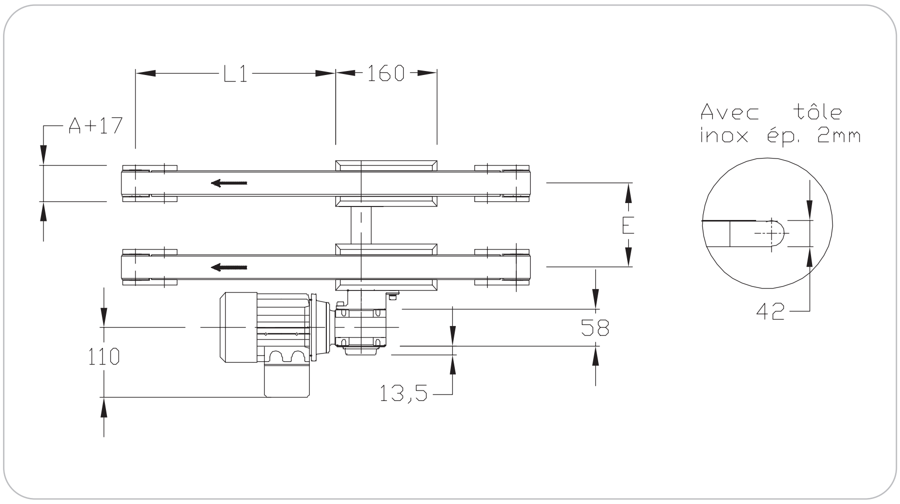
Belts

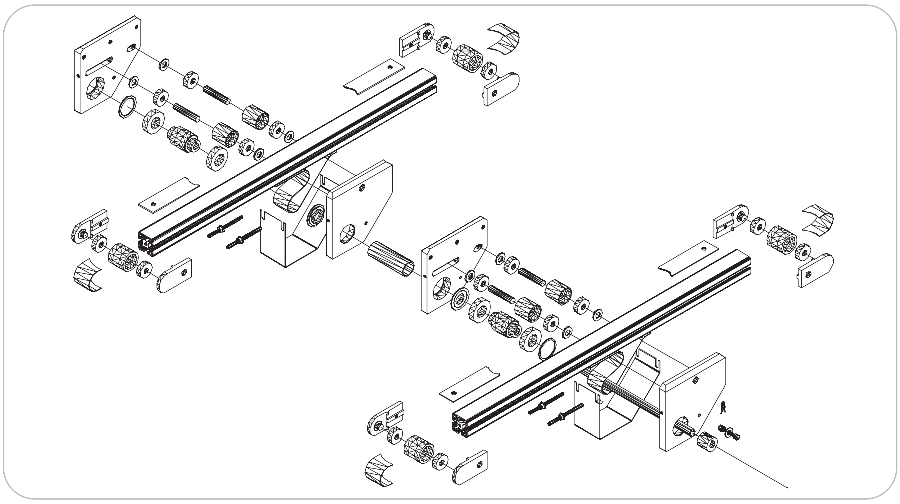
Installation tension: 0,5 % maxi

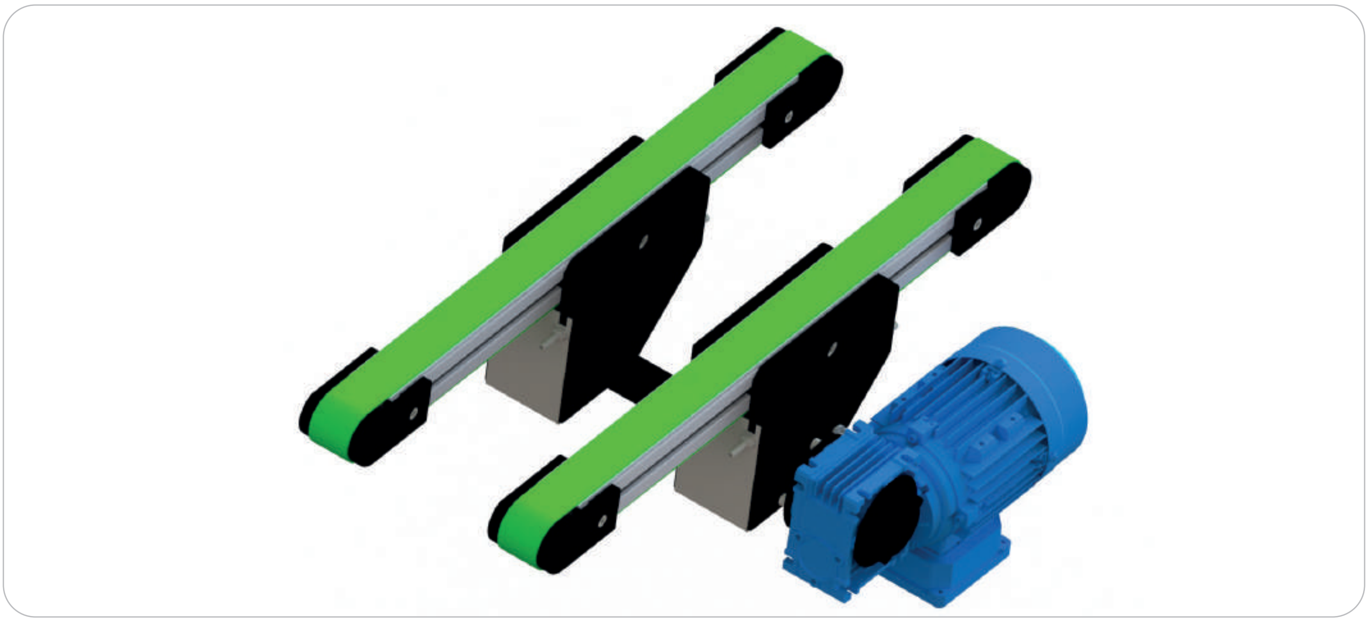
Belt data: Page 104

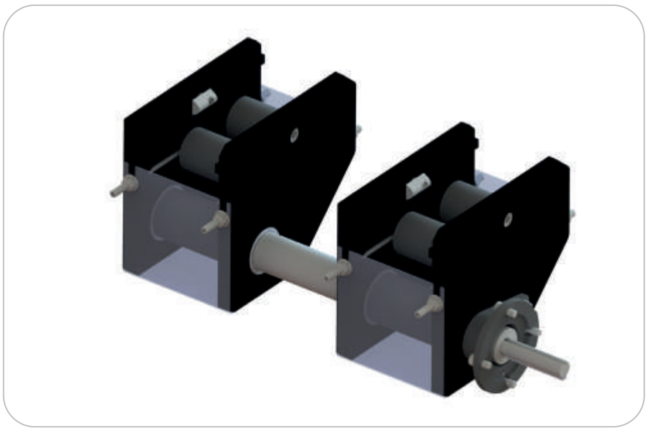
Permissible loads: see loads data page 11.



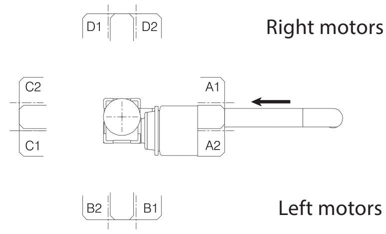




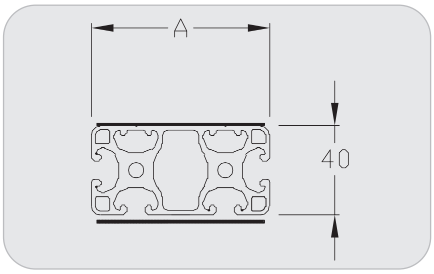




Gear motors positions (see page 106)

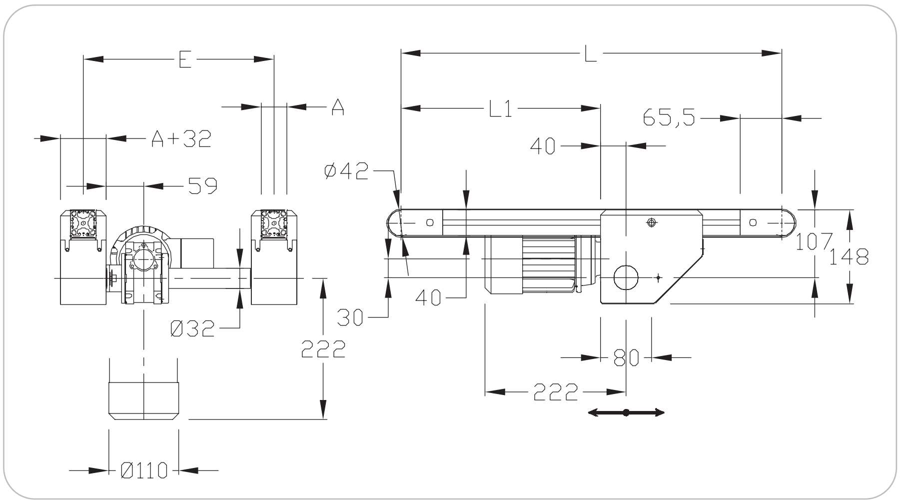


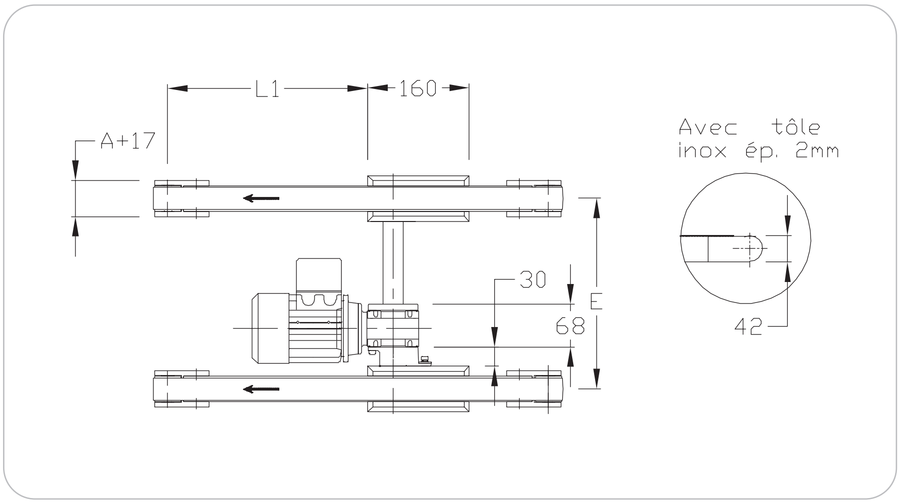
Product description/Dimensions	Order unit	Reference
Conveyor 40 Double flat belt Central drive External motor 40 mm	1 pce	C 040 20 000
Conveyor 40 Double flat belt Central drive External motor 80 mm	1 pce	C 080 20 000

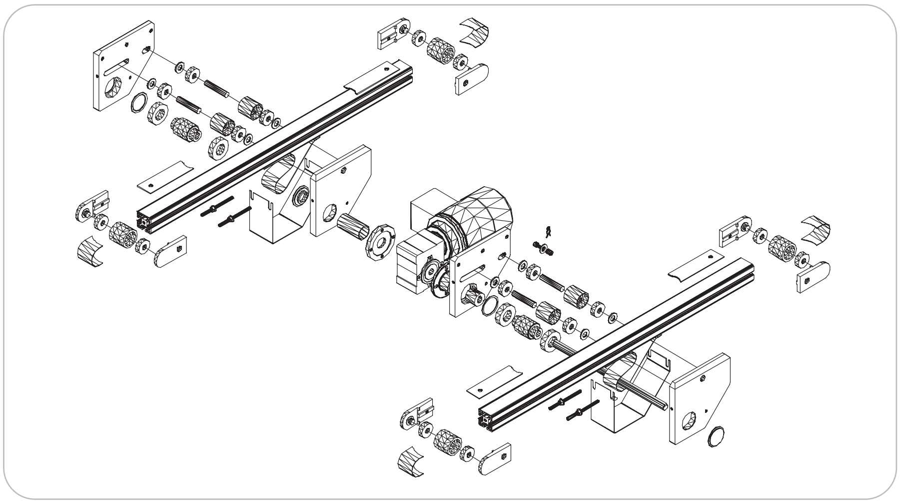


Conveyor 40

Double flat belt
Central drive, internal motor
Widths 40, 80 mm







Technical data

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

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

Dimensions (mm)

- Width A: 40 - 80
- Length L: 400 to 6 000
- Spacing between belts
  E = 72 to 800
- Width of belt: A-5
- Length of belt:
  Lc= (2xL+375) x 0,992
- Length of profile: LP= L-50
- Center distance mini:
  Width 40: 190
  Width 80: 230
- Center distance maxi:
  Width 40: 928
  Width 80: 888

Gear motors

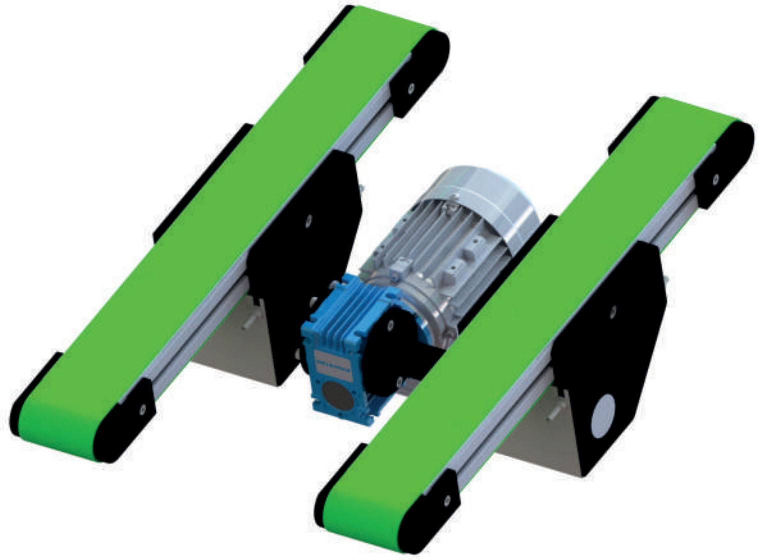
- 230 V single-phase and 230/400 V three-phase
  Speed (m/min) +/- 10 %:
  2 - 3 - 6 - 9 - 12 - 18 - 24
- 24 Vcc on request

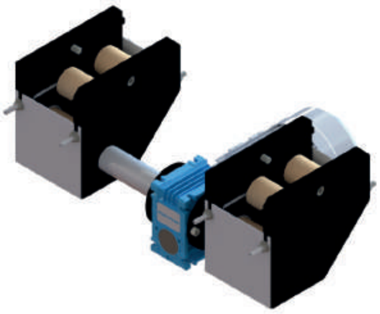
Gear motors data: Page 106

Belts

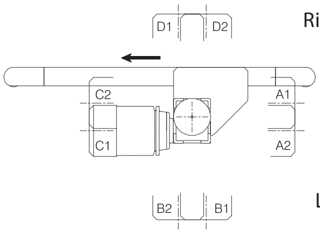
Installation tension: 0,5 % maxi
Belt data: Page 104

Permissible loads: see loads data page 11.

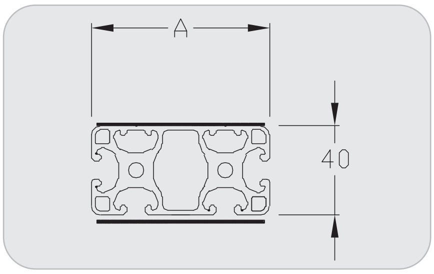




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Double flat belt Central drive Internal motor 40 mm	1 pce	C 040 23 000
Conveyor 40 Double flat belt Central drive Internal motor 80 mm	1 pce	C 080 23 000



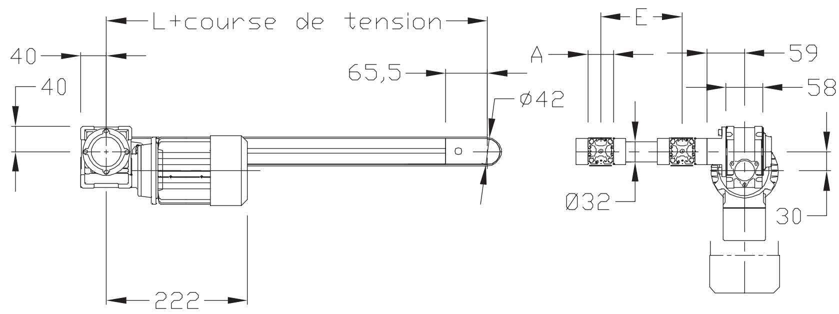
Conveyor 40

Double flat belt
End drive
Widths 40, 80 mm

Technical data

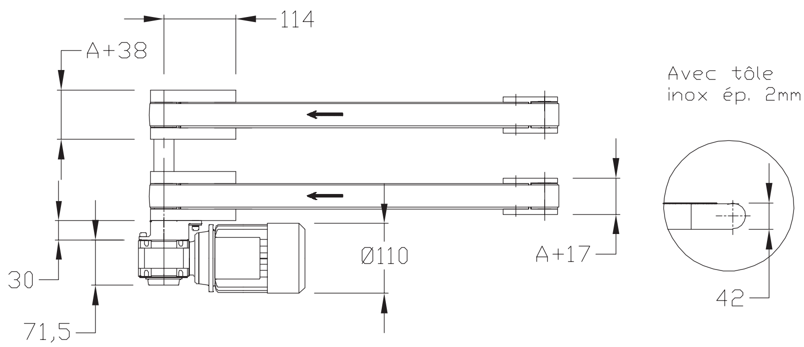
Two parallel flat belt conveyors driven by only one motor, for large components. Two belts enable the use of free space. The internal mounting of the motor facilitates the integration.

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



Dimensions (mm)

- Width A: 40 - 80
- Length L: 400 to 6 000
- Spacing between belts
  E = 72 to 800
- Width of belt: A-5
- Length of belt:
  Lc= (2xL) + 132
- Length of profile: LP= L-52,5
- Center distance mini:
  Width 40: 98
  Width 80: 138
- Center distance maxi:
  Width 40: 834
  Width 80: 794



Gear motors

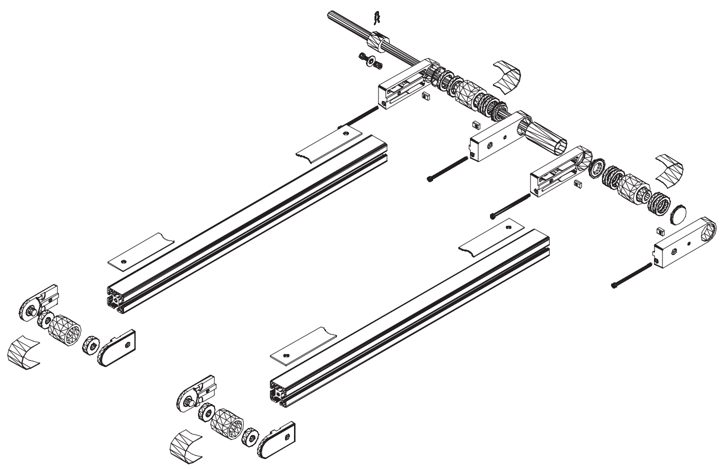
- 230 V single-phase and 230/400 V three-phase
  Speed (m/min) +/- 10 %:
  2 - 3 - 6 - 9 - 12 - 18 - 24
- 24 Vcc on request

Gear motors data: Page 106

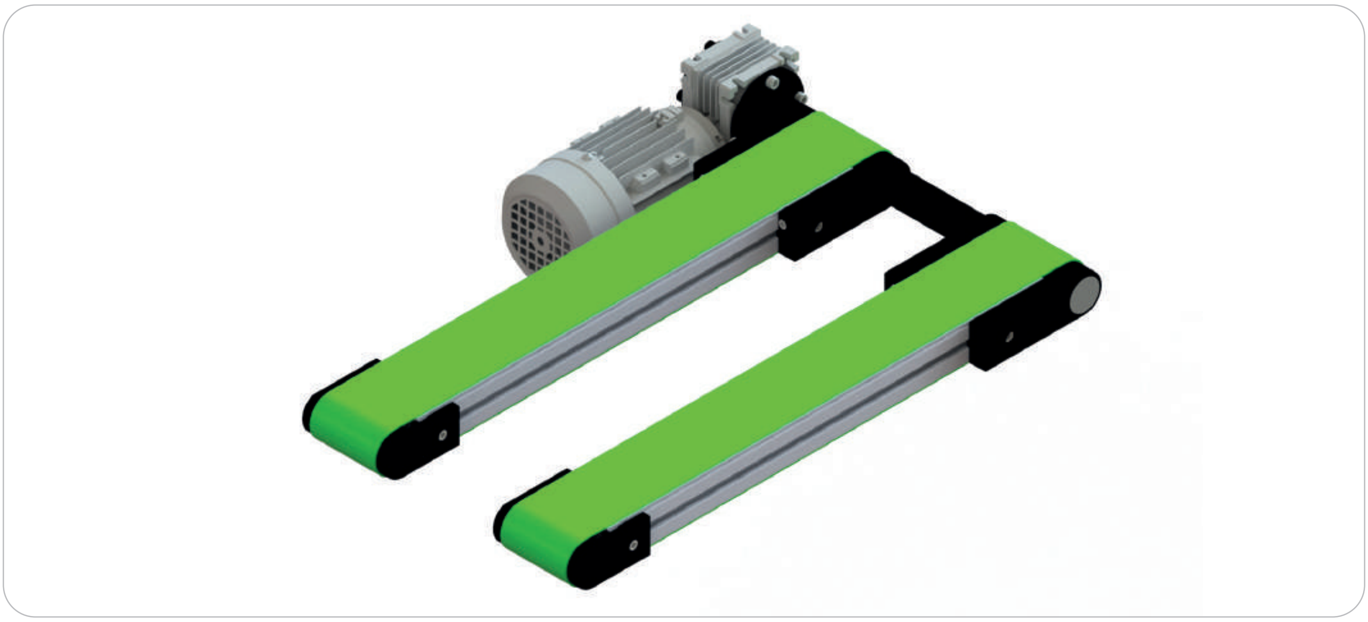
Belts

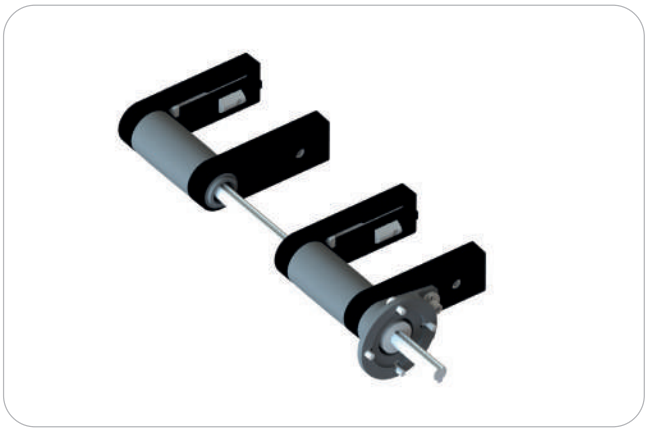
Installation tension: 0,5 % maxi

Belt data: Page 104

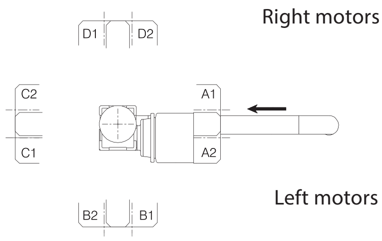


Permissible loads: see loads data page 11.



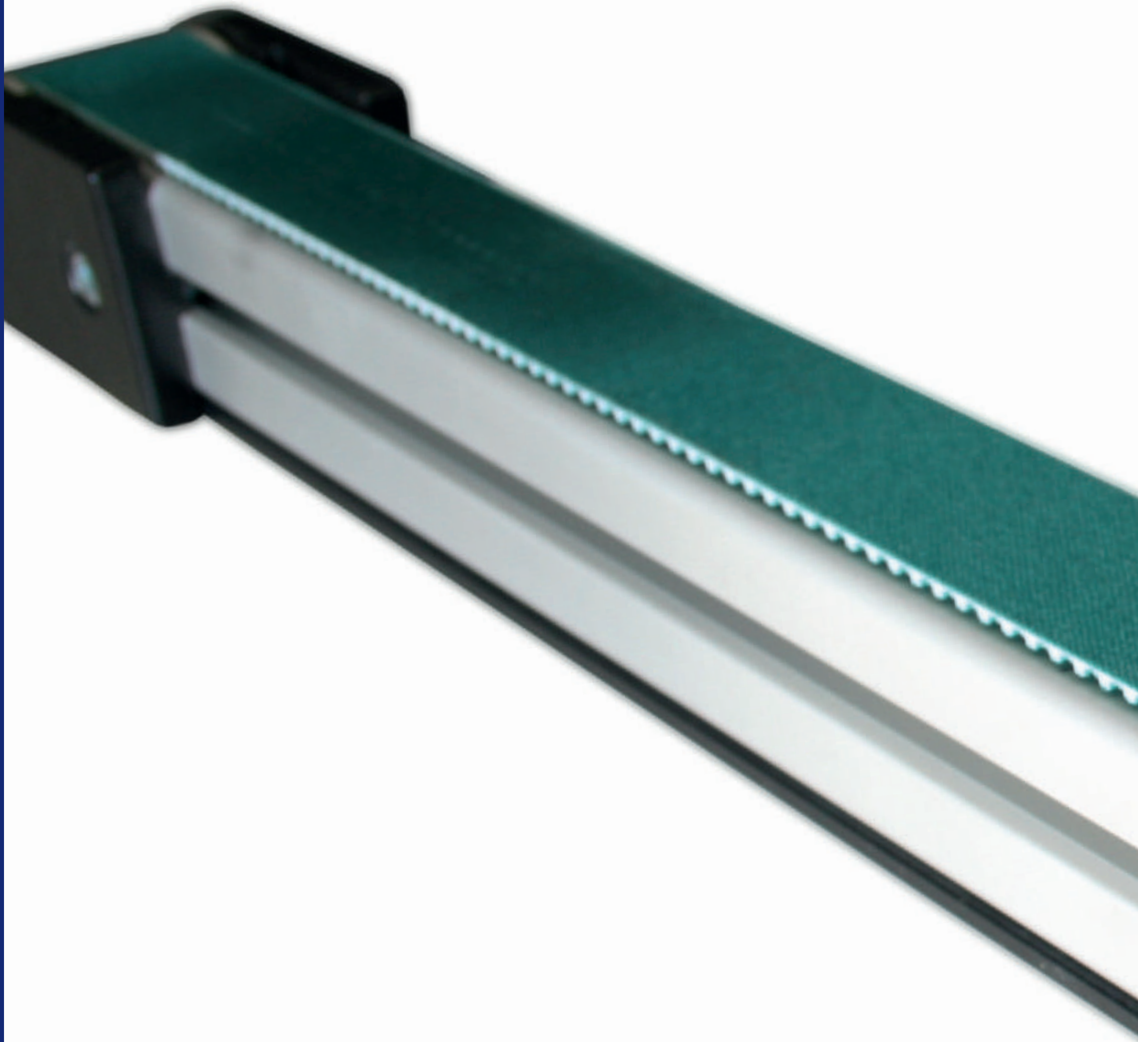


Gear motors positions (see page 106)

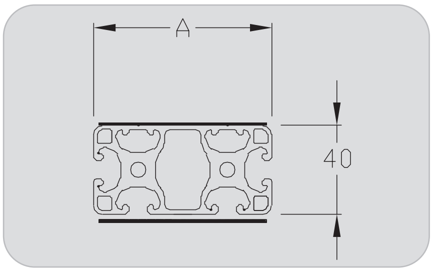


Product description/Dimensions	Order unit	Reference
Conveyor 40 Double flat belt End drive 40 mm	1 pce	C 040 40 000
Conveyor 40 Double flat belt End drive 80 mm	1 pce	C 080 40 000

CONVEYOR 40 TIMING BELT




C 000 50 006



Conveyor 40

Timing belt (CC)
Central drive
Widths 40, 80 mm

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 Pulleys with ball bearings
- 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 Width of belt: 32 and 72 mm
- x Length of belt: Lc= (2xL+368) x 0,999
- x Length of profile: LP= L-51

Gear motors

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

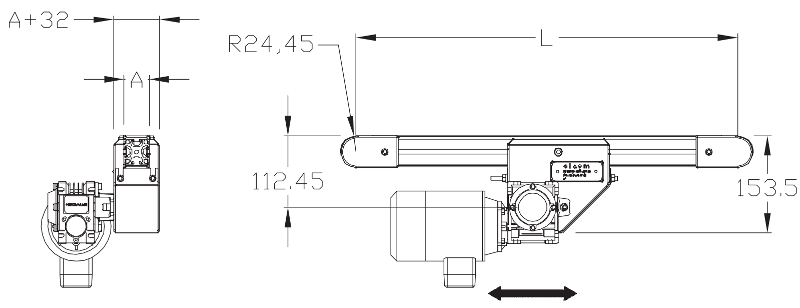
Gear motors data: Page 106

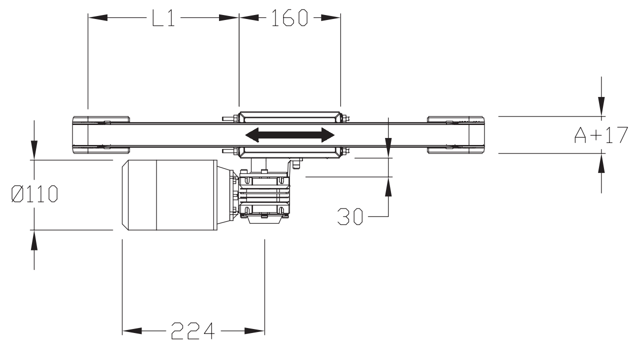
Belts

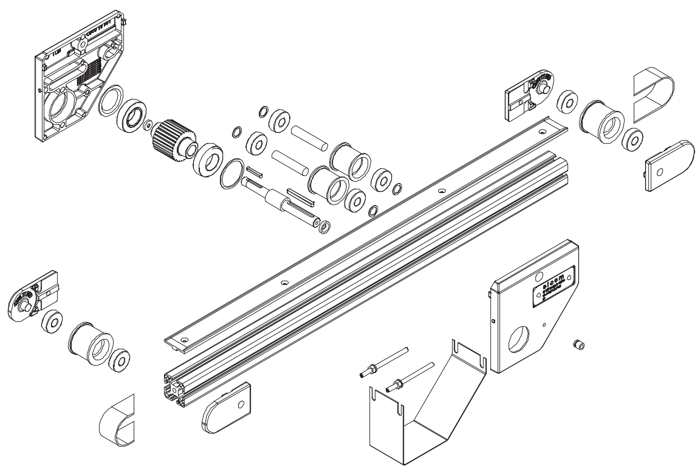
Installation tension: 0,1 %

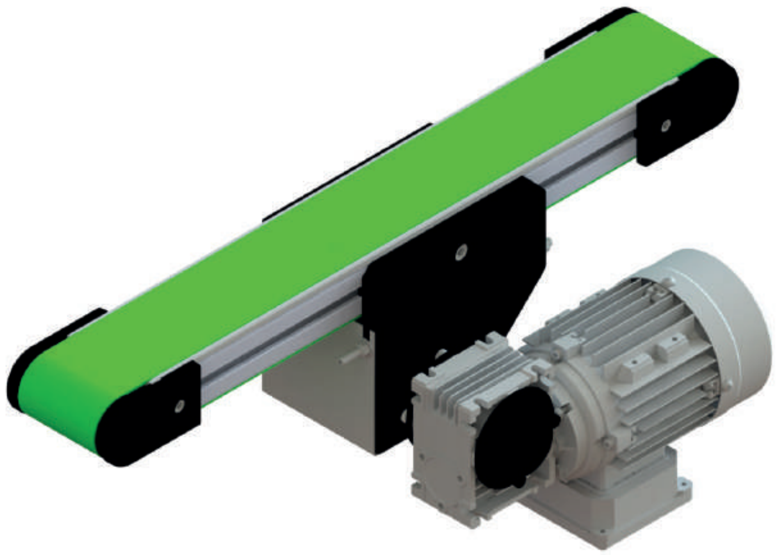
Belt data: Page 104

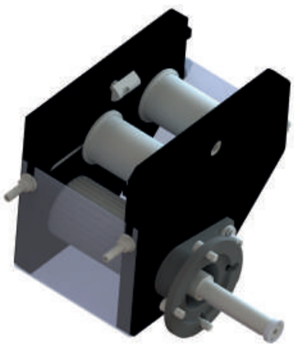
Permissible loads: see loads data page 11.



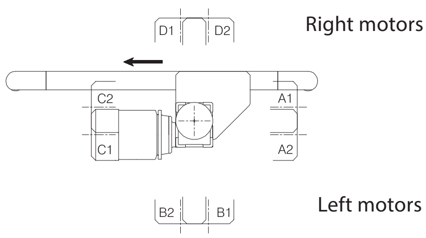




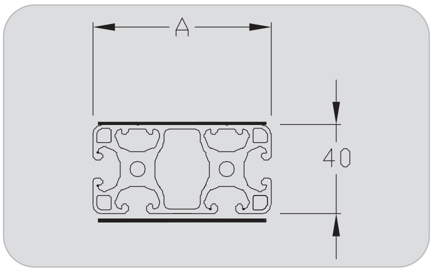




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 CC Timing belt Central drive 40 mm	1 pce	C 040 11 000
Conveyor 40 CC Timing belt Central drive 80 mm	1 pce	C 080 11 000



Conveyor 40

Timing belt (CC)
End drive
Widths 40, 80 mm

Technical data

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

- x Pulleys with ball bearings
- 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 Width of belt: 32 and 72 mm
- x Length of belt:
  Lc= (2xL+152) x 0,999
- x Length of profile: LP= L-68,5

Gear motors

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

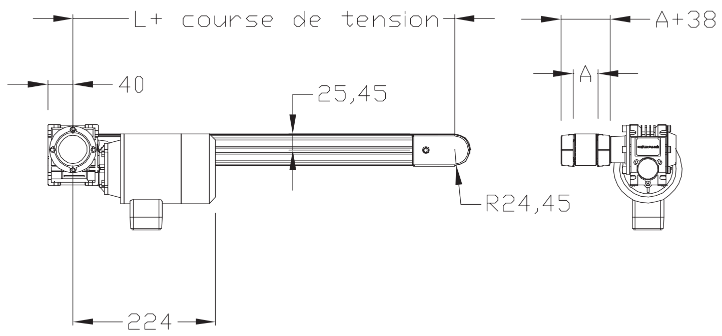
Gear motors data: Page 106

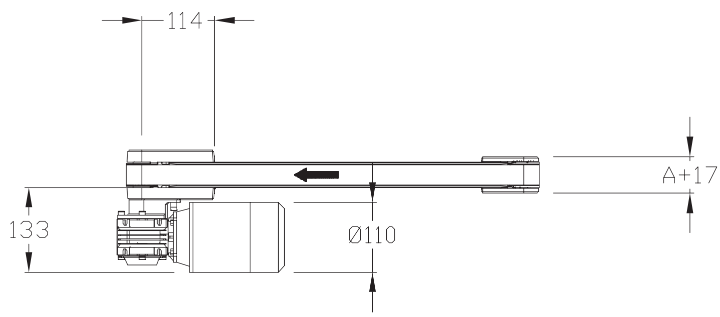
Belts

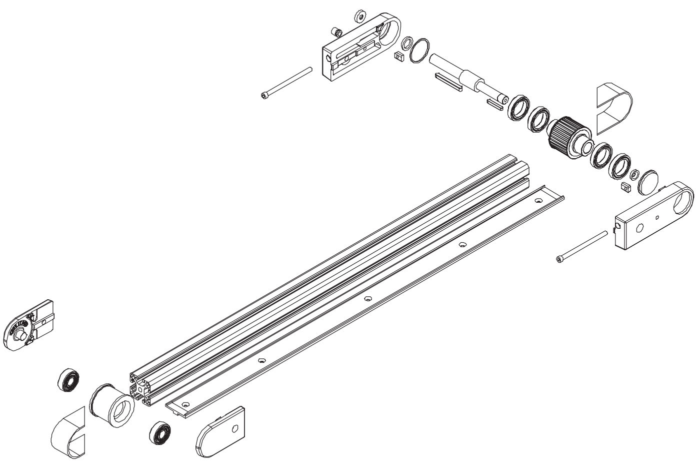
Installation tension: 0,1 %

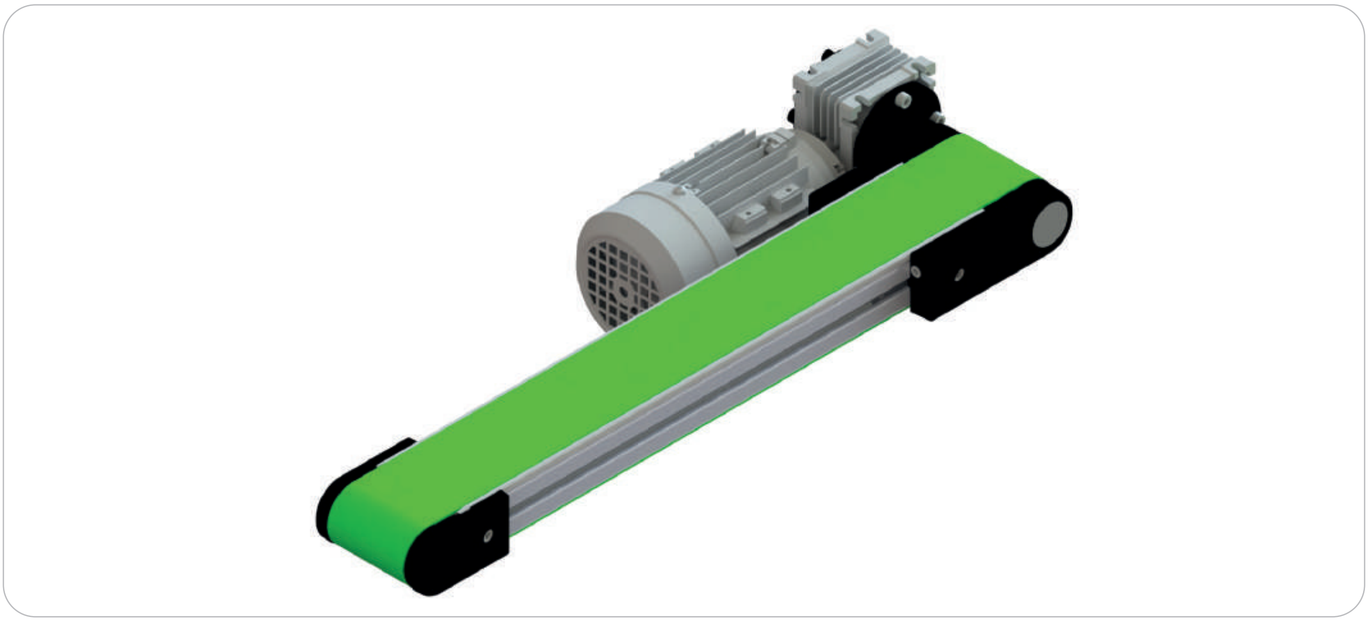
Belt data: Page 104

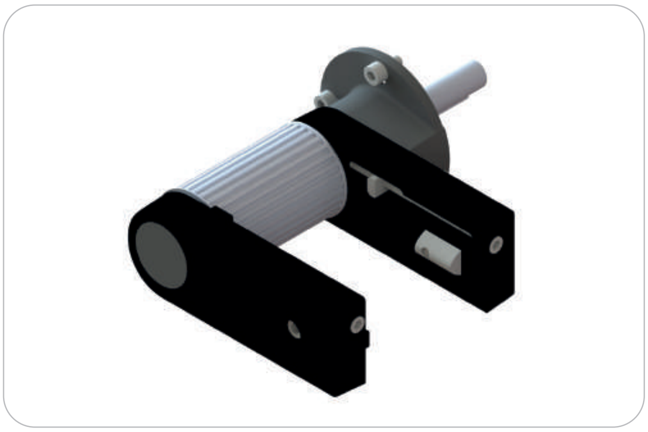
Permissible loads: see loads data page 11.



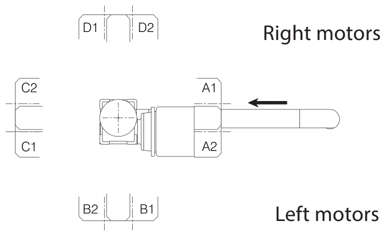




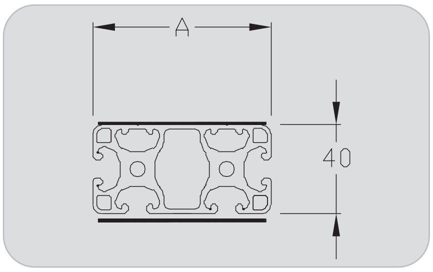




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 CC Timing belt End drive 40 mm	1 pce	C 040 51 000
Conveyor 40 CC Timing belt End drive 80 mm	1 pce	C 080 51 000



Conveyor 40

Timing belt (CC)
End drive, Motor below
Widths 40, 80 mm

Technical data

Compact conveyor on profiles 8 basis 40 mm, for all kinds of components.
Entraînement positif de la courroie pour charges importantes. Le motor below facilite l'intégration.

- Entraînement de la poulie crantée d'extrémité par timing belt au pas de 5 mm width 32 mm
- Poulies montées sur roulements to billes
- Guide bande en PA
- Timing belt au pas de 5 mm

Dimensions (mm)

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

Gear motors

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

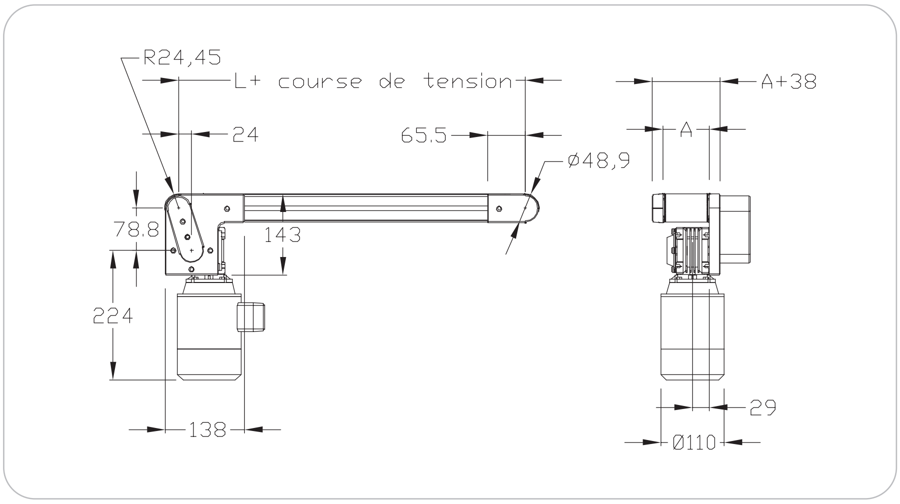
Gear motors data: Page 106

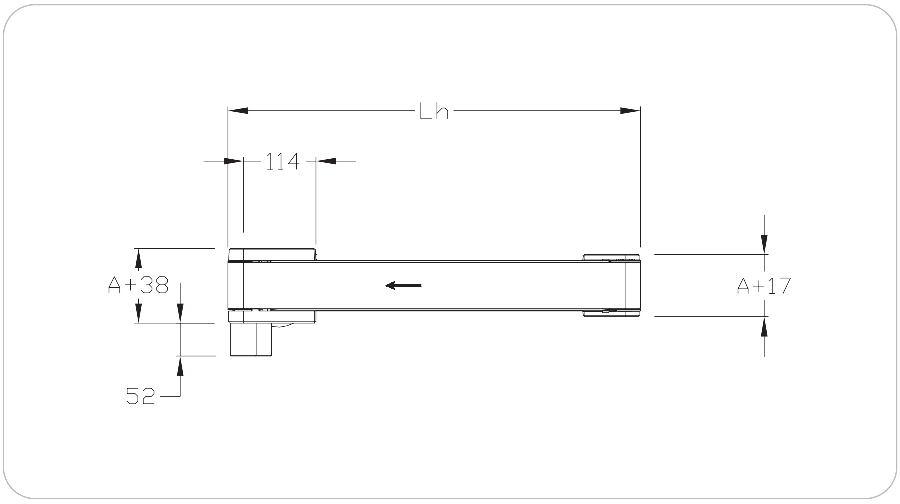
Belts

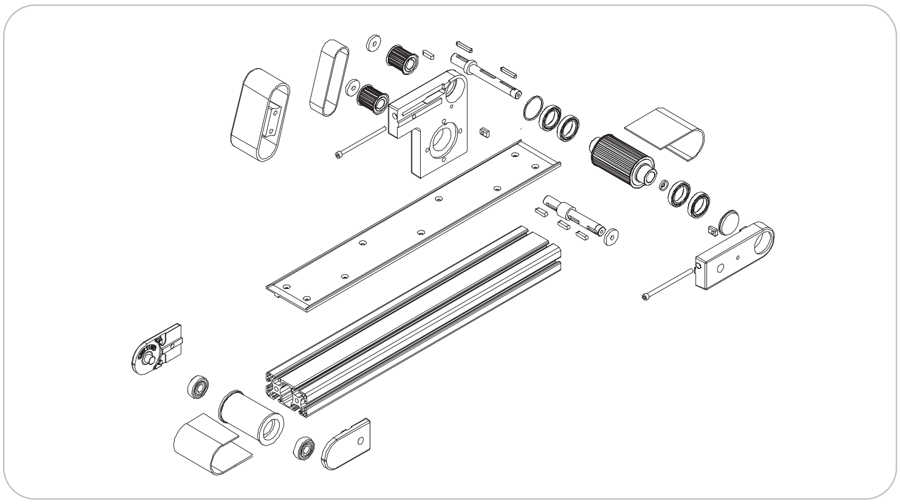
Installation tension: 0,1 %

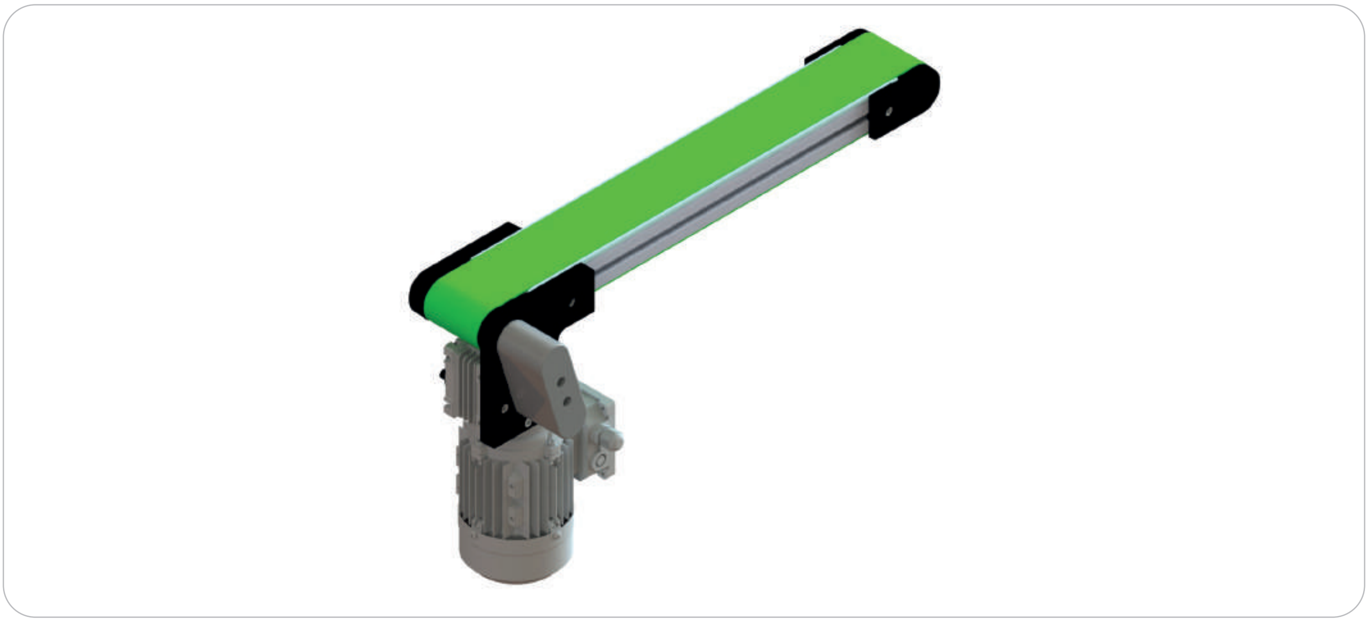
Belt data: Page 104

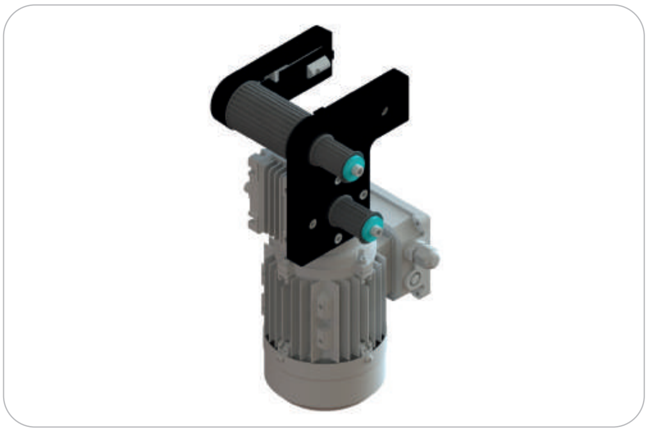
Permissible loads: see loads data page 11.



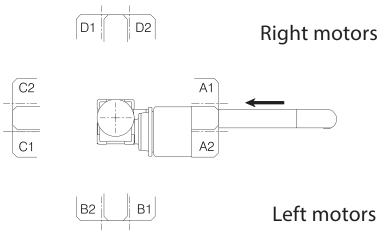






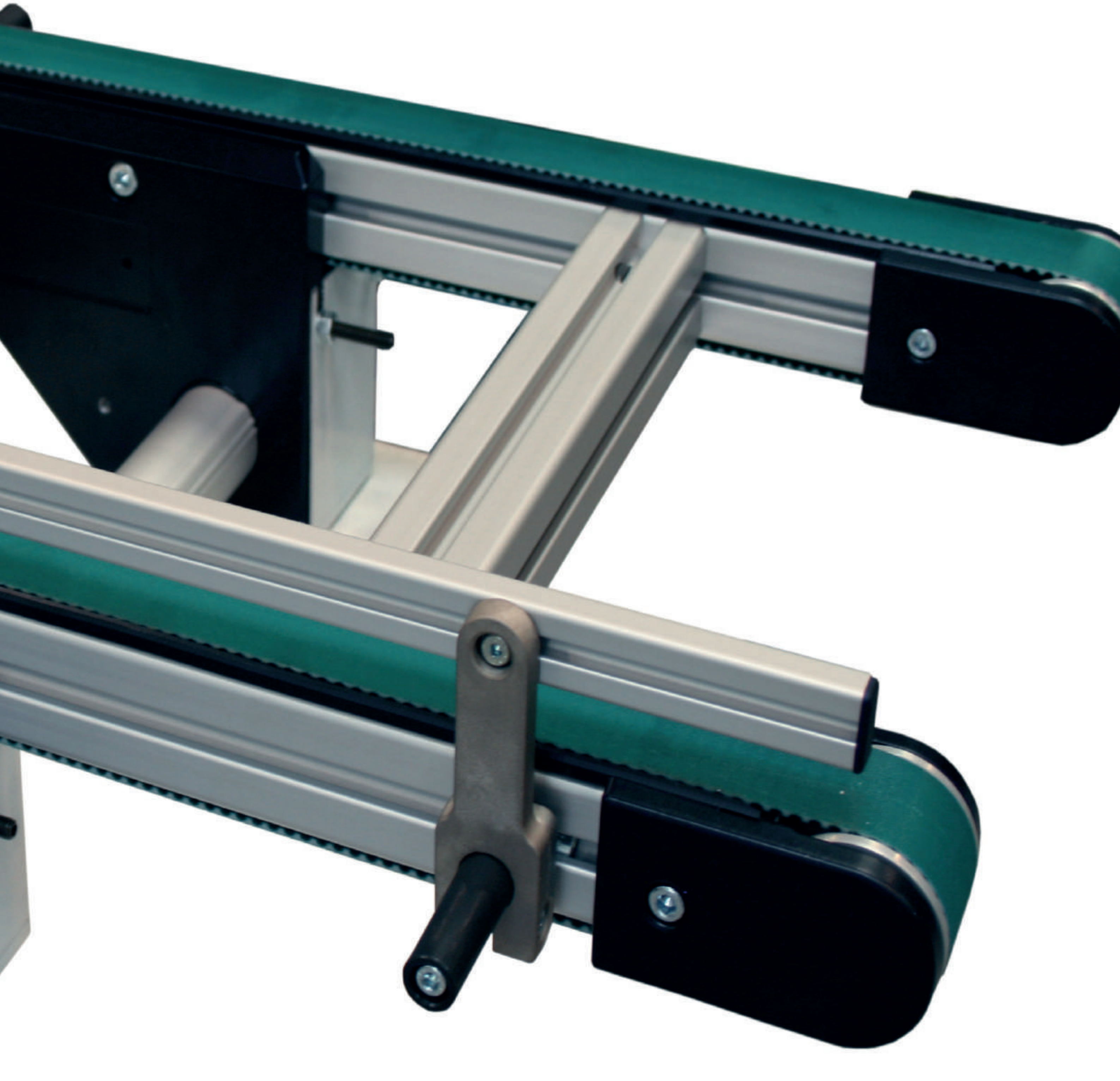


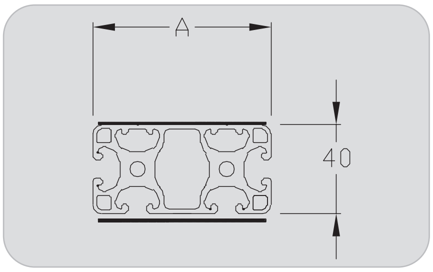
Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 CC Timing belt End drive Motor below 40 mm Right	1 pce	C 040 54 000D
Conveyor 40 CC Timing belt End drive Motor below 40 mm Left	1 pce	C 040 54 000G
Conveyor 40 CC Timing belt End drive Motor below 80 mm Right	1 pce	C 080 54 000D
Conveyor 40 CC Timing belt End drive Motor below 80 mm Left	1 pce	C 080 54 000G

CONVEYOR 40 DOUBLE TIMING BELT





Conveyor 40

Double timing belt (CC)
Central drive, external motor
Widths 40, 80 mm

Technical data

Two parallel flat belt conveyors driven by only one motor, for large 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 Pulleys with ball bearings
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 Width of belt: 32 and 72 mm
x Length of belt:
Lc= (2xL+368) x 0,999
x Length of profile: LP= L-51
x Center distance mini:
Width 40: 108
Width 80: 148
x Center distance maxi:
Width 40: 1 000
Width 80: 1 000

Gear motors

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

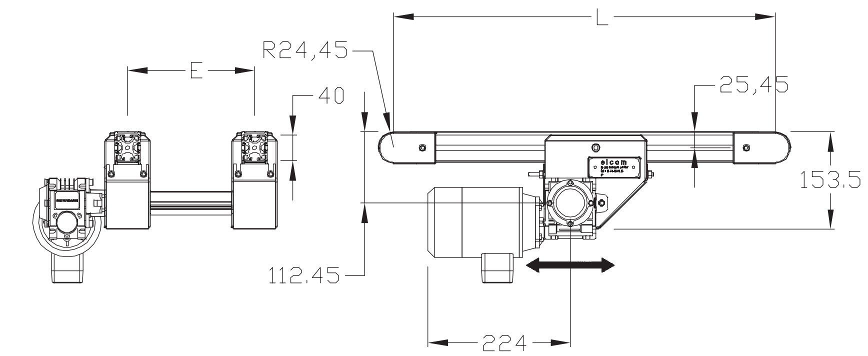
Gear motors data: Page 106

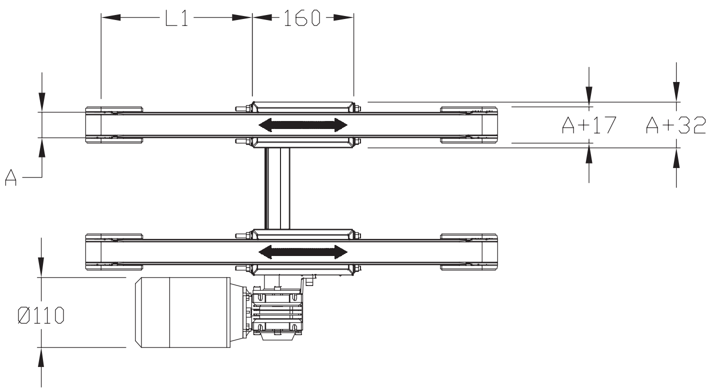
Belts

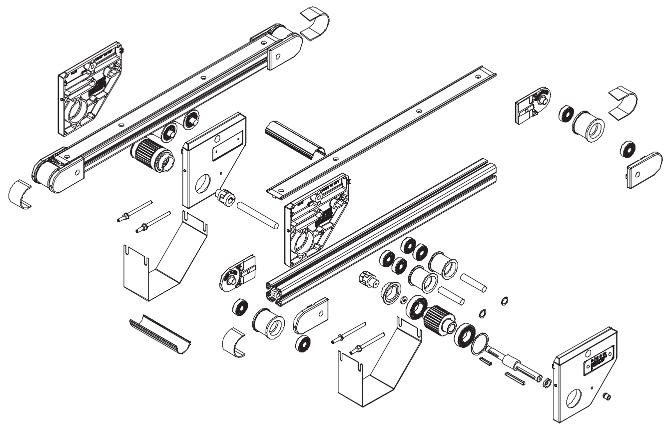
Installation tension: 0,1 %

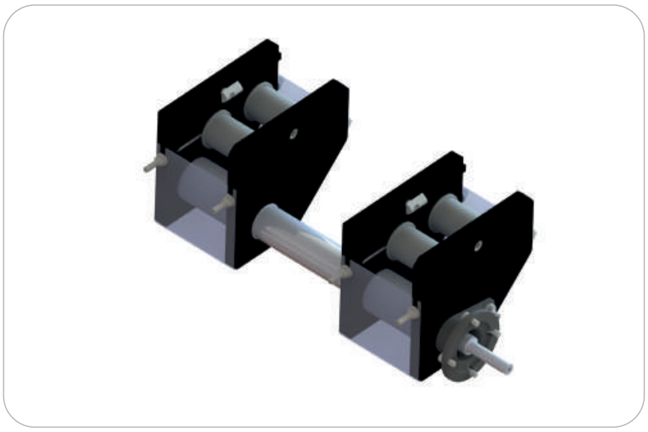
Belt data: Page 104

Permissible loads: see loads data page 11.

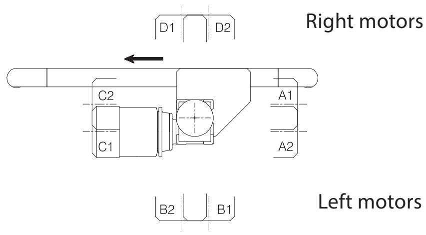




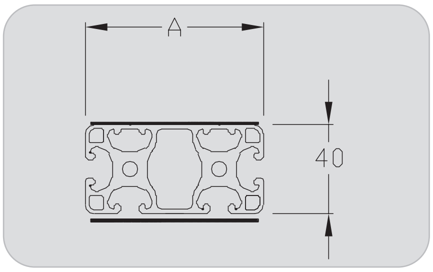




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Double timing belt Central drive External motor 40 mm	1 pce	C 040 21 000
Conveyor 40 Double timing belt Central drive External motor 80 mm	1 pce	C 080 21 000



Conveyor 40

Double timing belt (CC)
Central drive, Internal motor
Widths 40, 80 mm

Technical data

Two parallel flat belt conveyors driven by only one motor, for large 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.

- Adjustable position of the drive along the profile
- Pulleys with ball bearings
- Guiding belt PA material
- Timing belt, 5 mm step

Dimensions (mm)

- Width A: 40 - 80
- Length L: 400 to 6 000
- Width of belt: 32 and 72 mm
- Length of belt:
  Lc= (2xL+368) x 0,999
- Length of profile: LP= L-51
- Center distance mini:
  Width 40: 206
  Width 80: 246
- Center distance maxi:
  Width 40: 1 000
  Width 80: 1 000

Gear motors

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

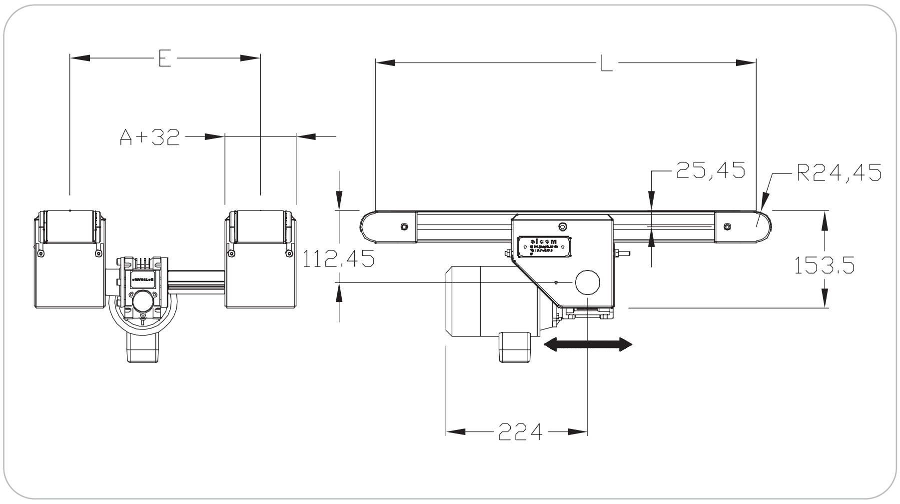
Gear motors data: Page 106

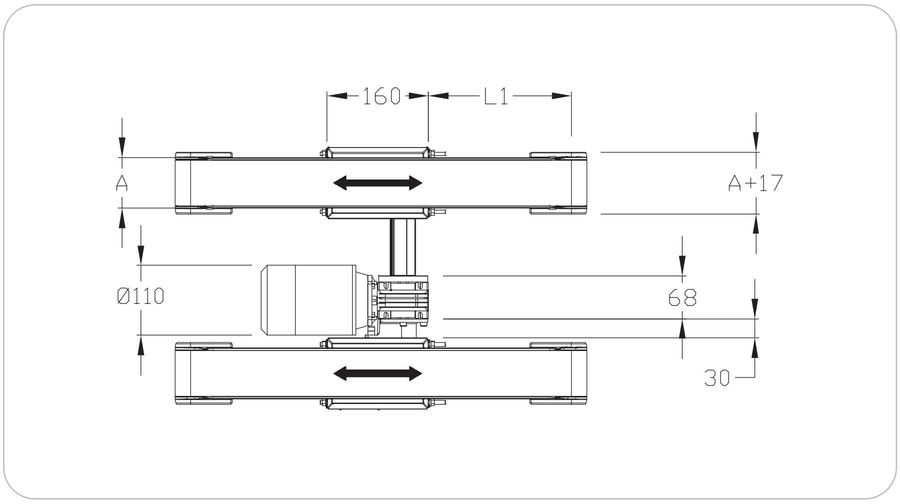
Belts

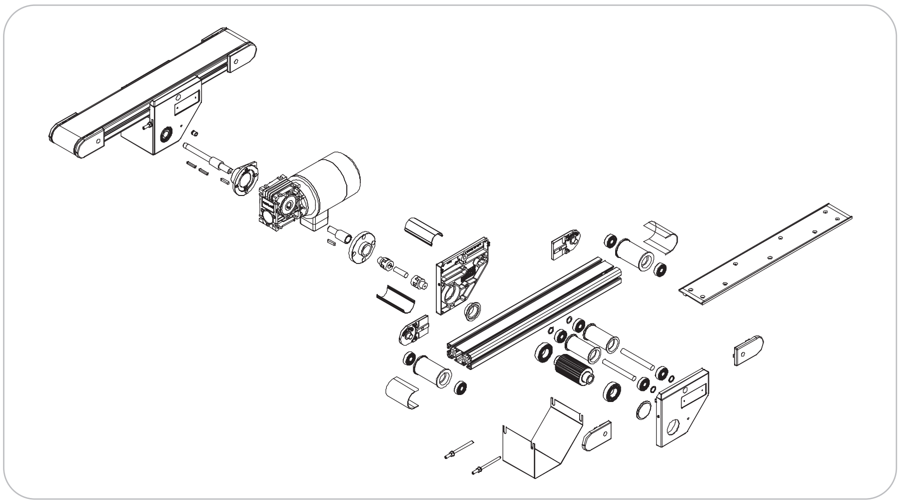
Installation tension: 0,1 %

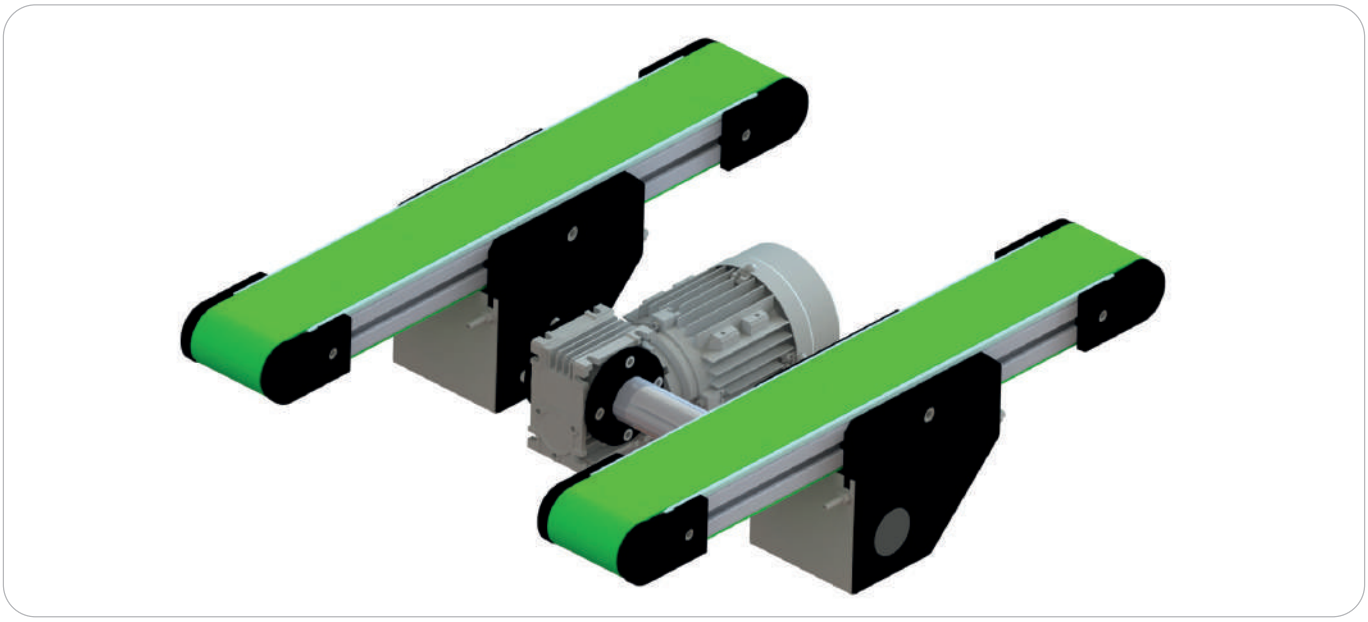
Belt data: Page 104

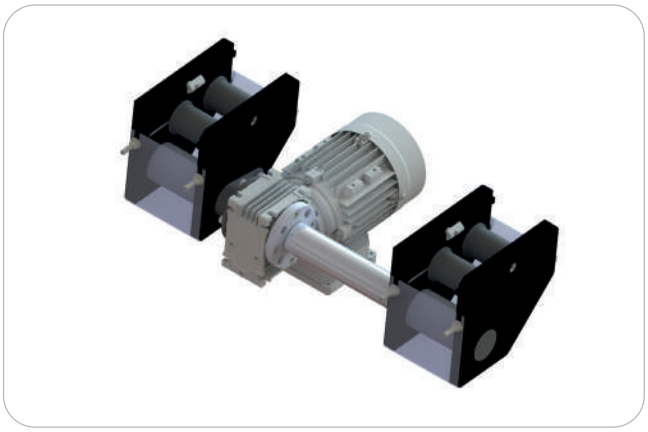
Permissible loads: see loads data page 11.



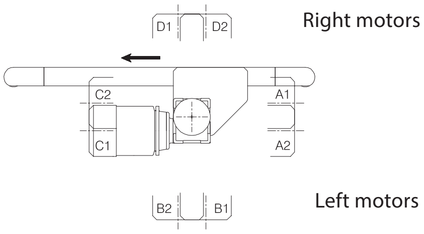




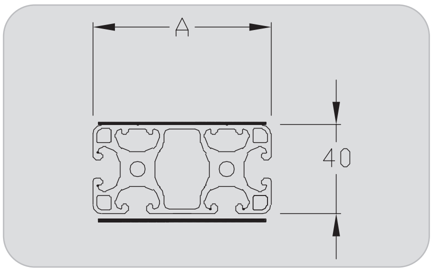




Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Double timing belt Central drive Internal motor 40 mm	1 pce	C 040 22 000
Conveyor 40 Double timing belt Central drive Internal motor 80 mm	1 pce	C 080 22 000



Conveyor 40

Double Timing belt (CC)
End drive
Widths 40, 80 mm

Technical data

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

- Pulleys with ball bearings
- Guiding belt PA material
- Timing belt, 5 mm step

Dimensions (mm)

- Width A: 40 - 80
- Length L: 400 to 6 000
- Width of belt: 32 and 72 mm
- Length of belt
  Lc= (2xL+152) x 0,999
- Length of profile: LP= L-68,5
- Center distance mini:
  Width 40: 114
  Width 80: 154
- Center distance maxi:
  Width 40: 1 000
  Width 80: 1 000

Gear motors

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

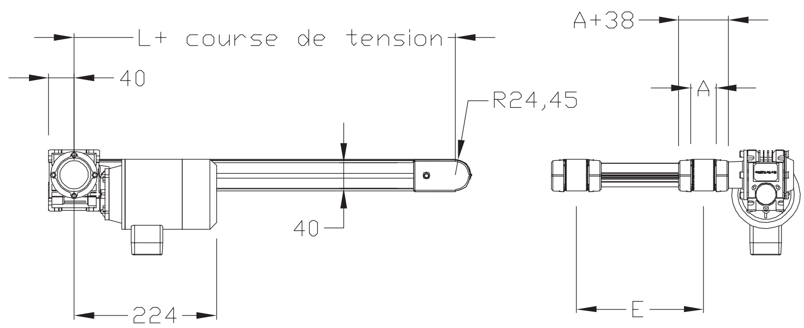
Gear motors data: Page 106

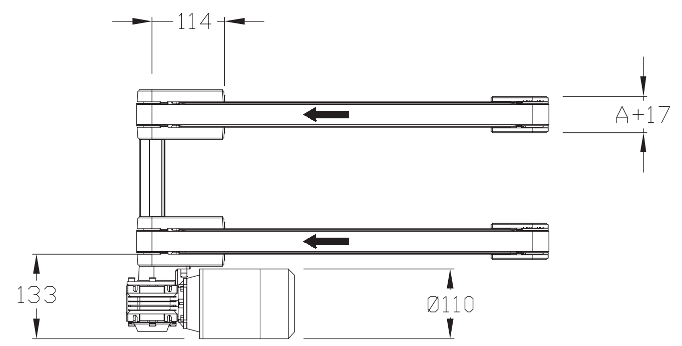
Belts

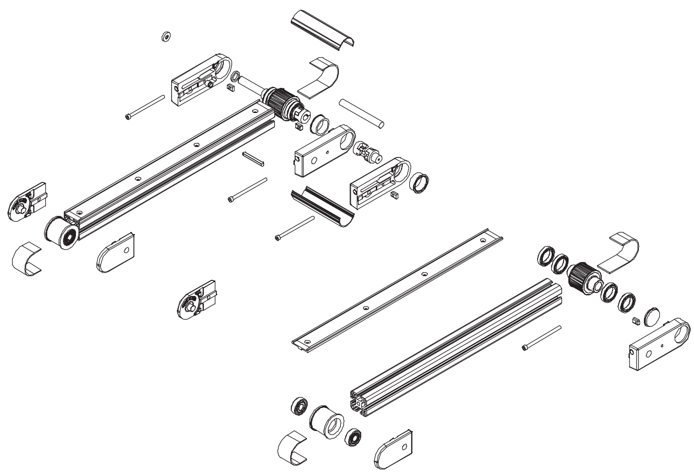
Installation tension: 0,1 %

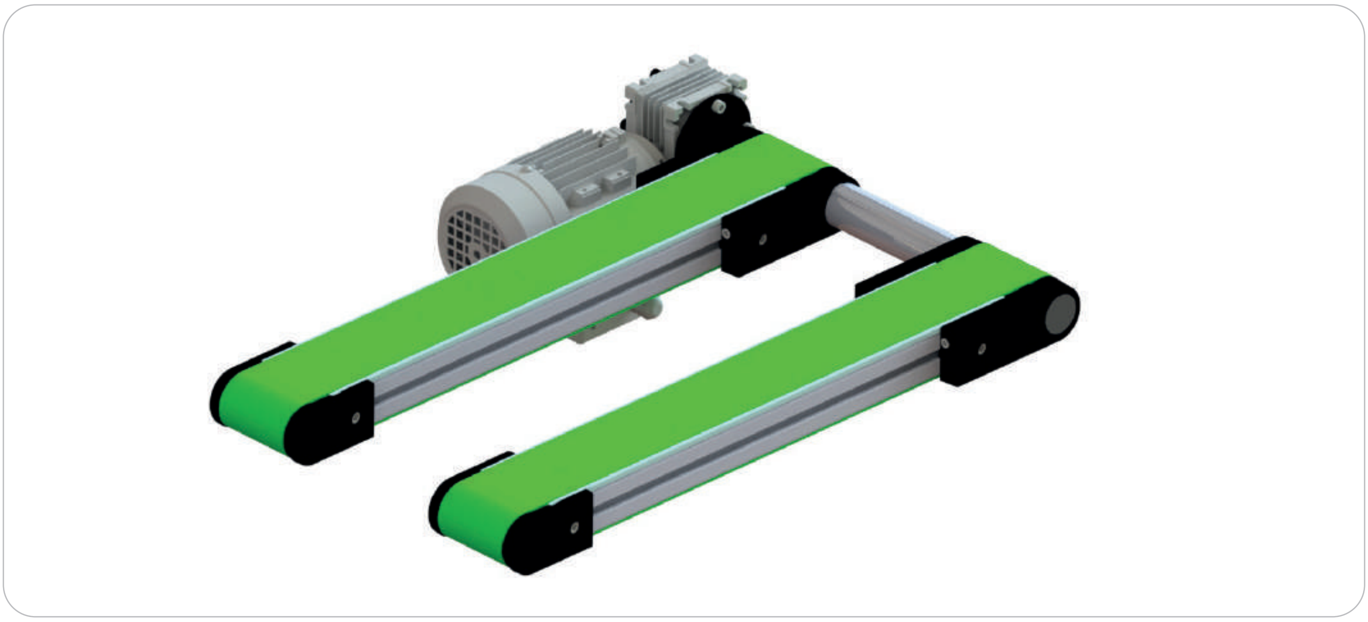
Belt data: Page 104

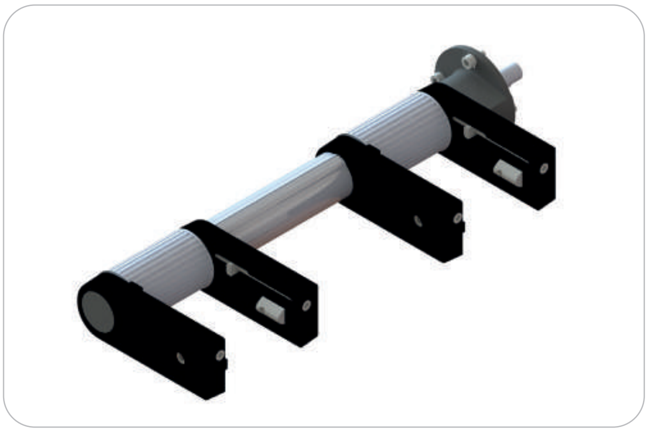
Permissible loads: see loads data page 11.



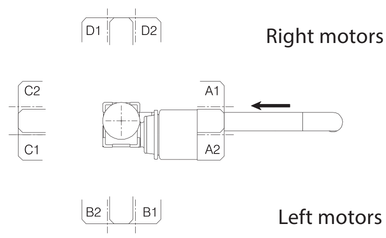








Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 40 Double timing belt End drive 40 mm	1 pce	C 040 41 000
Conveyor 40 Double timing belt End drive 80 mm	1 pce	C 080 41 000

CONVEYOR 40 INCLINED

Conveyors Inclined Type 1

Widths 200, 300, 400 mm

Technical data

Flat belt conveyor with 1 angle for building elevators thanks to cleated belts.

For light parts maxi 8 kg.

Dimensions (mm)

- Width A: 200 - 300 - 400
- Length: L1 + L2 = 4 000 maxi
- Cleats height: 60 maxi

Gear motors

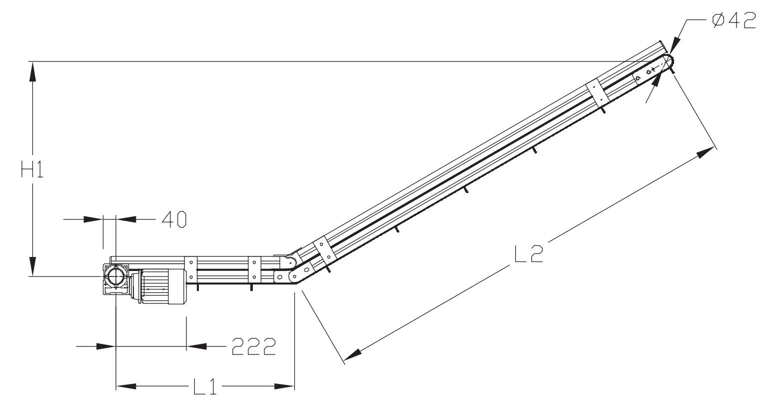
- 230 V single-phase and 230/400 V three-phase
- 24 Vcc on request

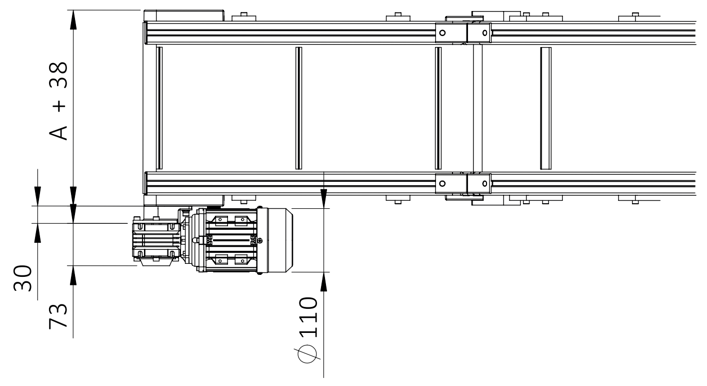
Gear motors data: Page 106

Belts

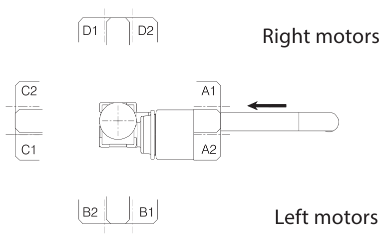
- Cleated belts only

Belt data: Page 104





Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor inclined Type 1 Width 200 mm	1 pce	C 200 70 000
Conveyor inclined Type 1 Width 300 mm	1 pce	C 300 70 000
Conveyor inclined Type 1 Width 400 mm	1 pce	C 400 70 000

Conveyors Inclinded Type 2

Widths 200, 300, 400 mm

Technical data

Flat belt conveyor with 1 angle for building elevators thanks to cleated belts.

For light parts maxi 8 kg.

Dimensions (mm)

- Width A: 200 - 300 - 400
- Length : L2 + L3 = 4 000 maxi
- Cleats height: 60 maxi

Gear motors

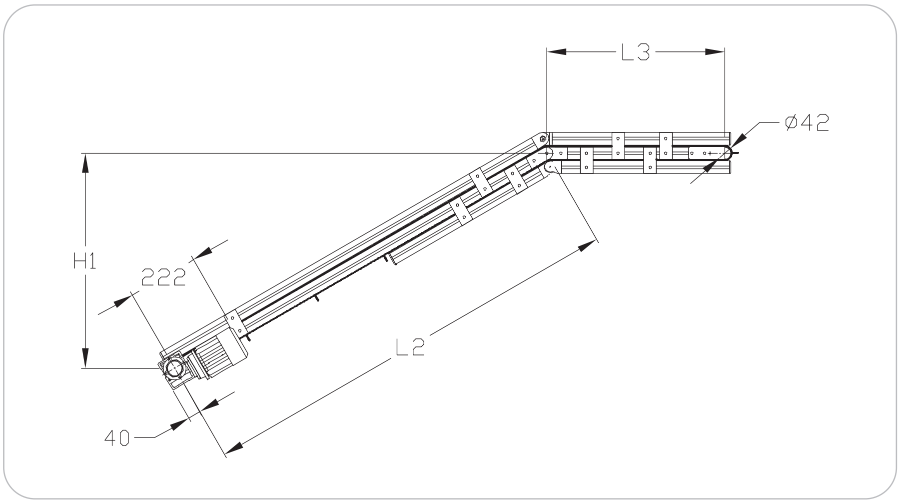
- 230 V single-phase and 230/400 V three-phase
- 24 Vcc on request

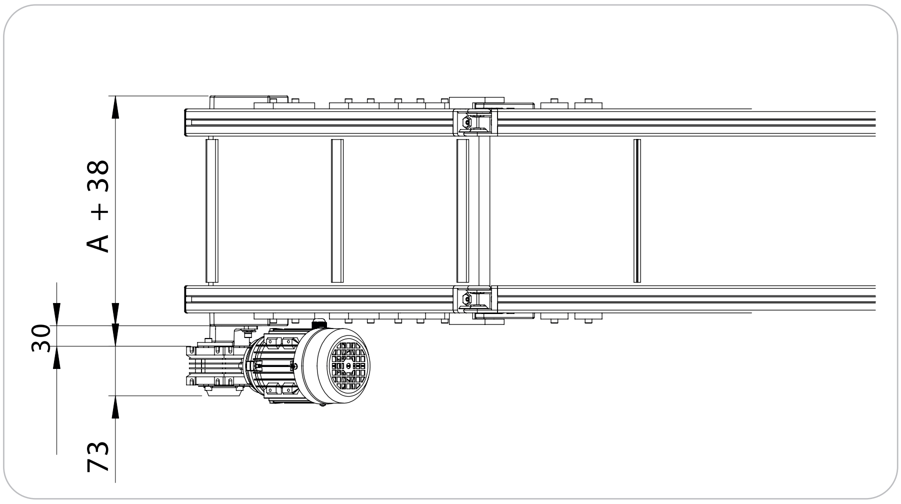
Gear motors data: Page 106

Belts

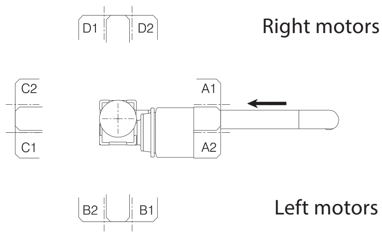
- Cleated belts only

Belt data: Page 104





Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor inclined Type 2 Width 200 mm	1 pce	C 200 75 000
Conveyor inclined Type 2 Width 300 mm	1 pce	C 300 75 000
Conveyor inclined Type 2 Width 400 mm	1 pce	C 400 75 000

Conveyors Inclined Type 3

Widths 200, 300, 400 mm

Technical data

Conveyor avec 2 articulations permettant de réaliser des élévateurs de pièces grâce to des bandes to tasseaux.
Adapté aux pièces légères maxi 8 kg.

Dimensions (mm)

- Width A: 200 - 300 - 400
- Length : L1 + L2 + L3 = 4 000 maxi
- Cleats height: 60 maxi

Gear motors

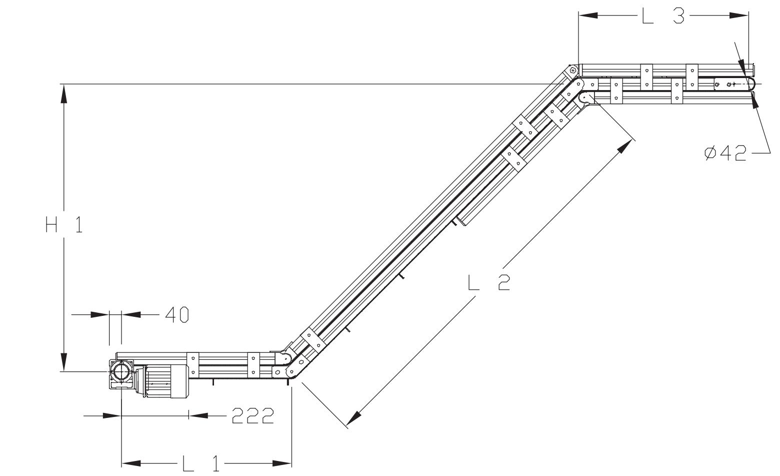
- 230 V single-phase and 230/400 V three-phase
- 24 Vcc on request

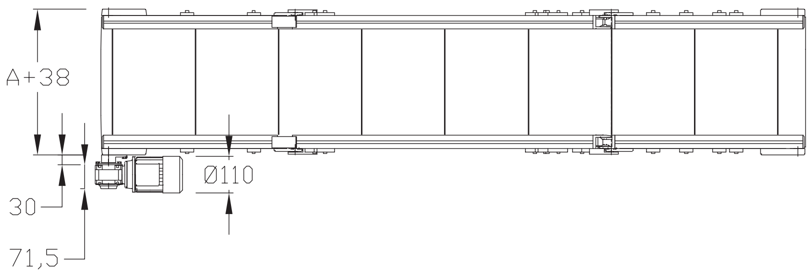
Gear motors data: Page 106

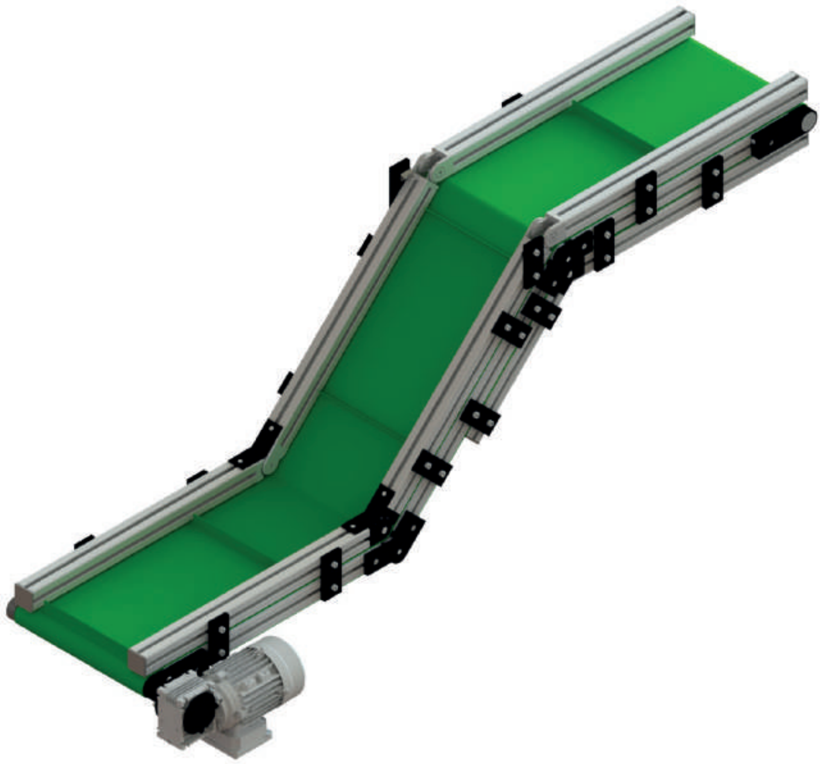
Belts

- Cleated belts only

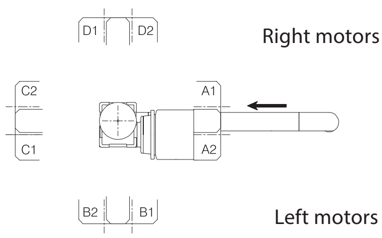
Belt data: Page 104





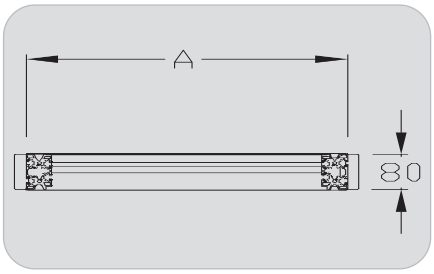


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor inclined Type 3 Width 200 mm	1 pce	C 200 80 000
Conveyor inclined Type 3 Width 300 mm	1 pce	C 300 80 000
Conveyor inclined Type 3 Width 400 mm	1 pce	C 400 80 000

CONVEYOR 80 FLAT BELT



Conveyor 80

Flat belt
End drive
Moteur 90 W

Technical data

Compact conveyor with profiles dedicated to the conveying of light and bulky loads.
The welded cleat under the belt ensures its guiding and makes adjustment easier.

- x Extremity drive pulley
- x Aluminium profile frame
- x Modular width every mm on request

Dimensions (mm)

- x Width A: 160 to 600
- x Length : 400 to 3 130
- x Width of belt: A - 10 mm
- x Length of belt: Lc= (2 x L) + 252
- x Length of profile: LP= L-130

Plates

- x Compact laminate plate 8 mm
- x Stainless steel plate 2 mm

Gear motors

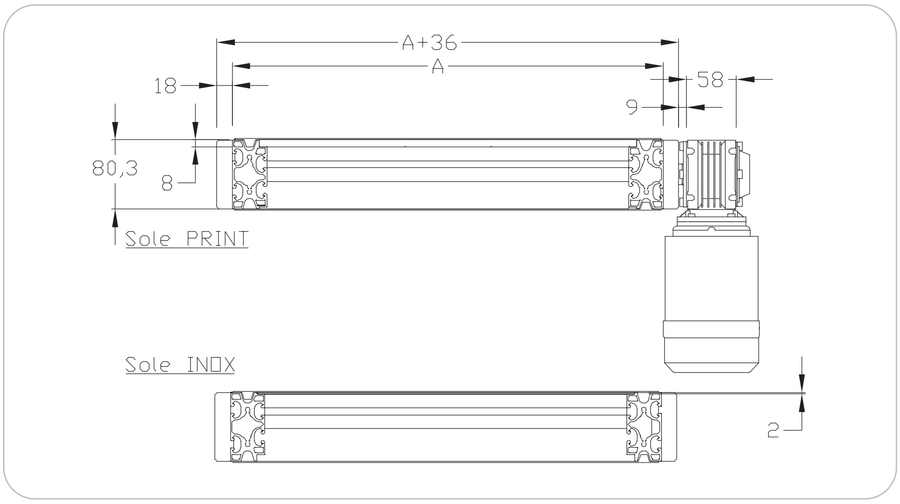
- x 90 W 230 V single-phase ou 230/400 V three-phase
- x Speed (m/min) +/- 10 %: 6 - 7 - 9 - 12 - 14 - 18 - 24

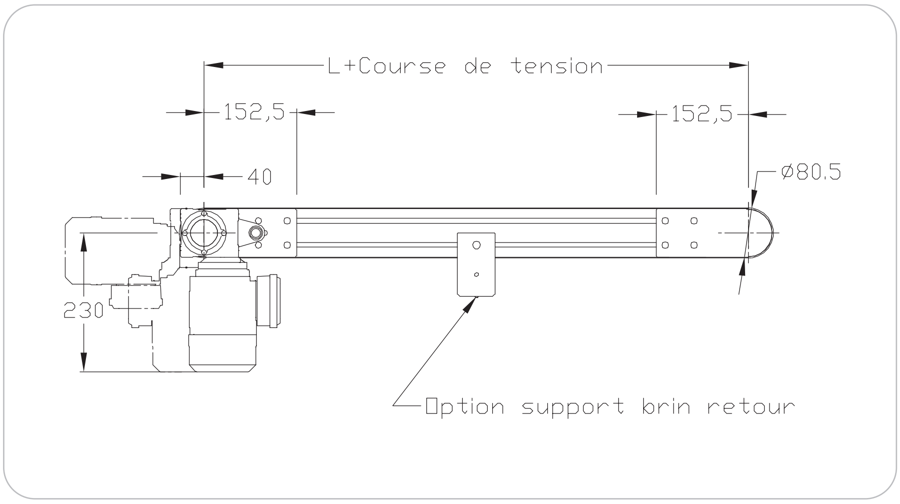
Permissible loads
30 daN de 4 to 12 m/min
15 daN de 14 to 24 m/min
(Without accumulation)

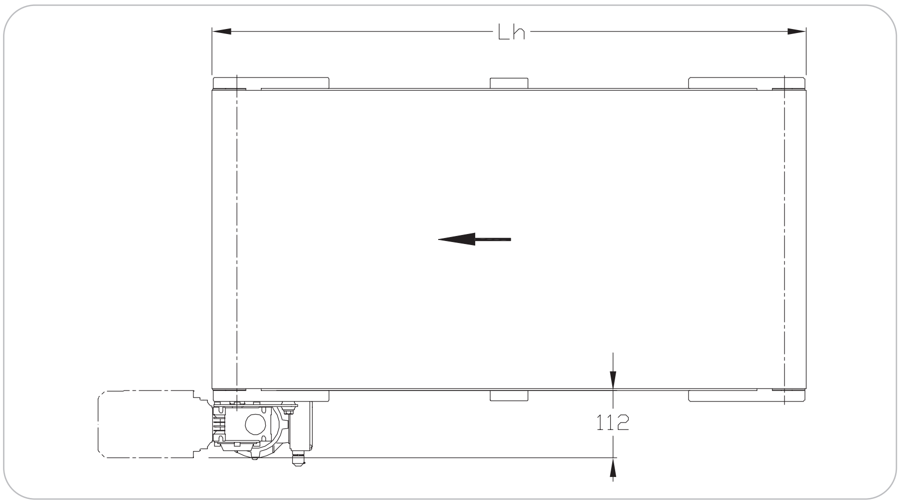
Gear motors data: Page 106

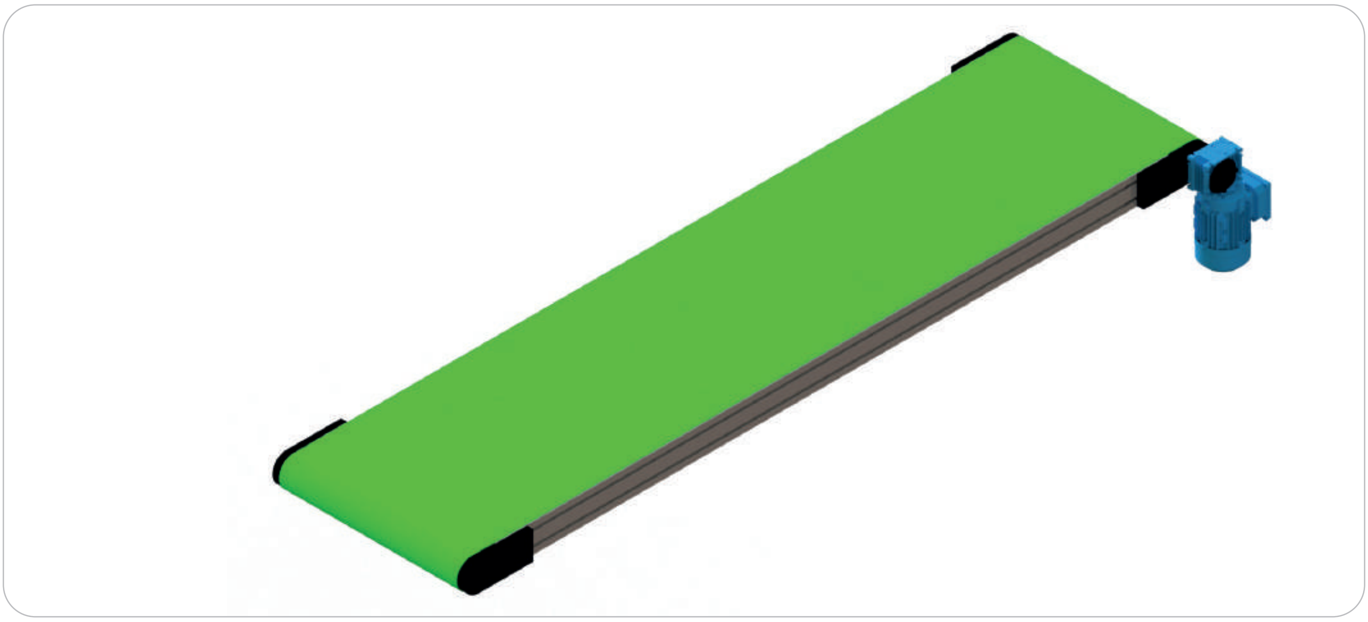
Belts

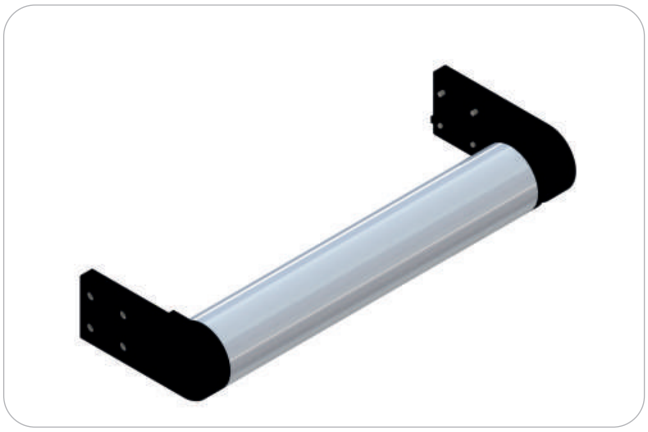
Specific belt (Cxxxx42201)
1,3 mm thickness with plate under the belt.
Installation tension: 0,3 % maxi
Belt data: Page 104



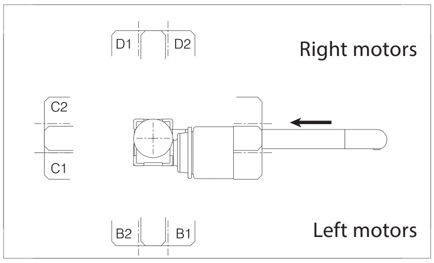






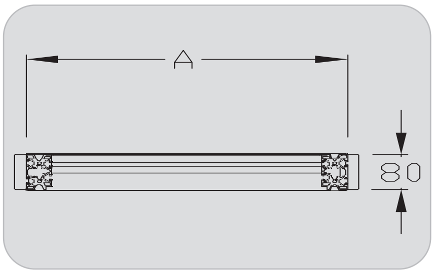


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 80 Flat belt End drive 90 W	1 pce	C XXXX.42.000
Conveyor 80 Flat belt End drive 90 W Stainless steel	1 pce	C XXXX.42.000I

(XXXX = Width A of conveyor   Ex.: C 0400.42.000I)



Conveyor 80

Flat belt
End drive
Motor 250 W

Technical data

Compact conveyor with profiles dedicated to the conveying of light and bulky loads.

The welded cleat under the belt ensures its guiding and makes adjustment easier.

- x Extremity drive pulley
- x Aluminium profile frame
- x Modular width every mm on request

Dimensions (mm)

- x Width A: 160 to 1 000
- x Length : 400 to 6 130
- x Width of belt: A - 10 mm
- x Length of belt: (2 x L) + 252
- x Length of profile: LP= L-130

Plates

- x Compact laminate plate 8 mm
- x Stainless steel plate 2 mm

Gear motors

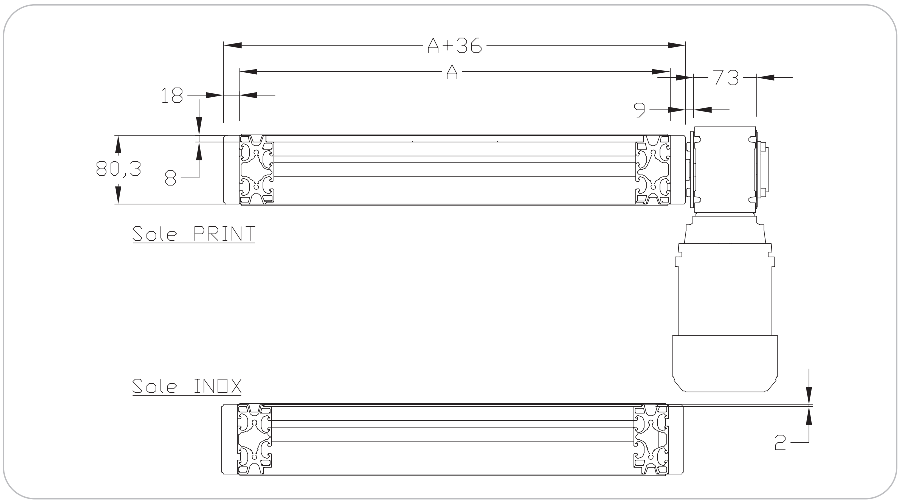
- x 250 W 230/400 V three-phase
- x Speed (m/min) +/- 10 %:
  4 - 6 - 7 - 9 - 12 - 14 - 18 - 24

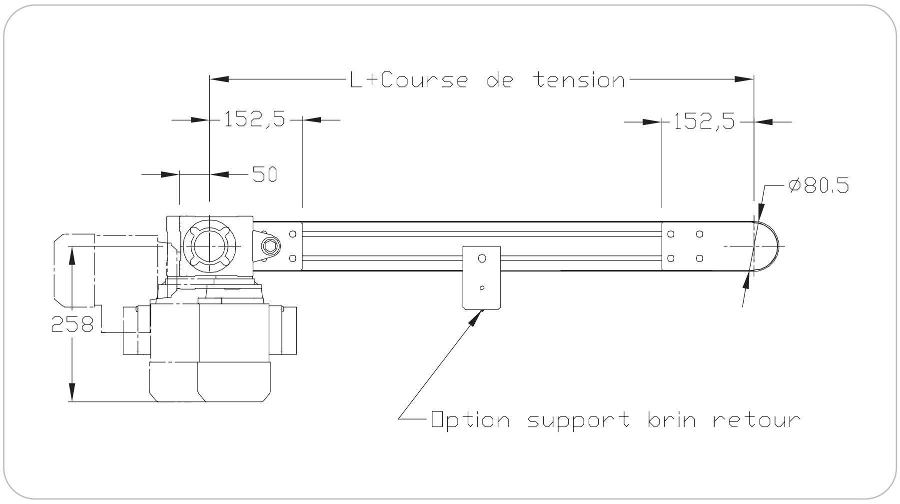
Permissible loads
60 daN de 4 to 12 m/min
30 daN de 14 to 24 m/min
(Without accumulation)

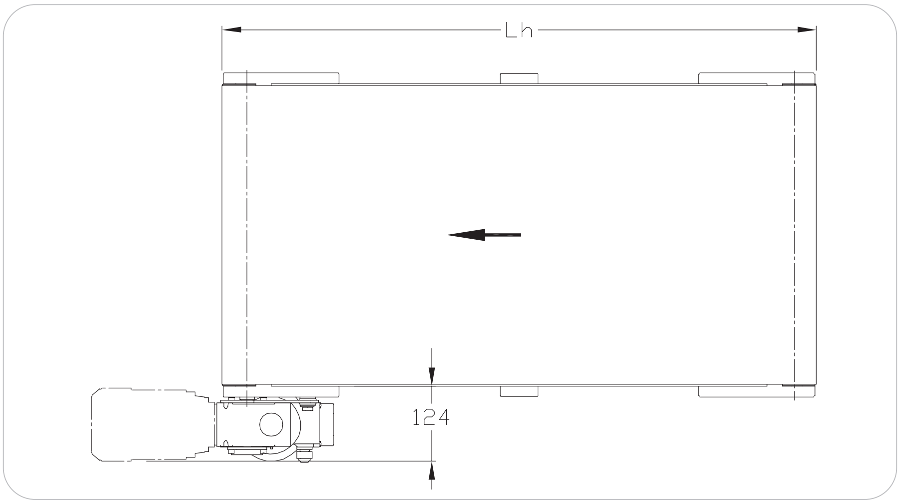
Gear motors data: Page 106

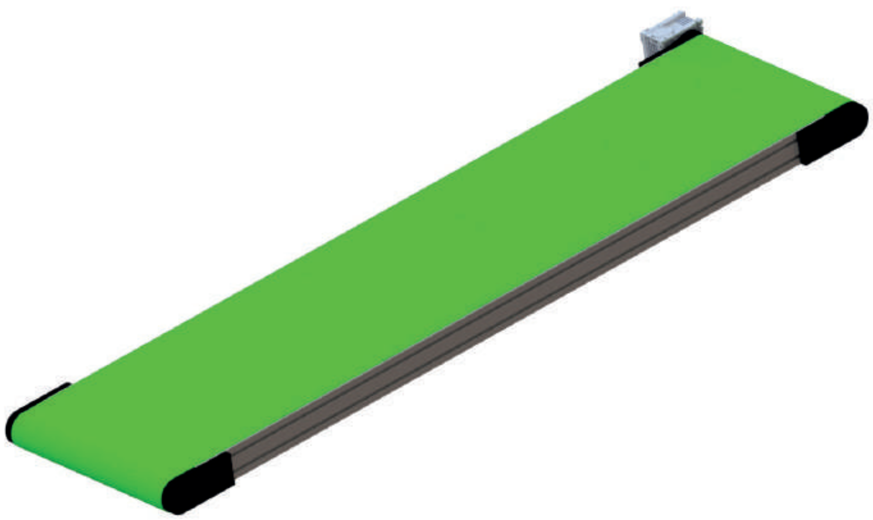
Belts

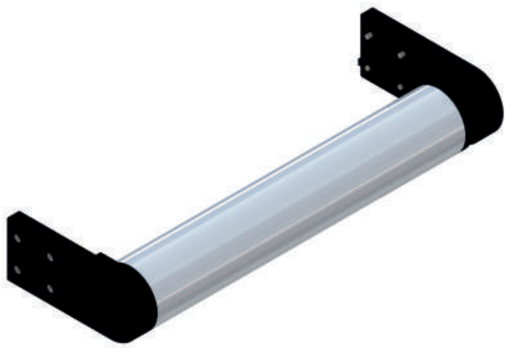
Specific belt (Cxxxx42201)
1,3 mm thickness with plate under the belt.
Installation tension: 0,3 % maxi
Belt data: Page 104



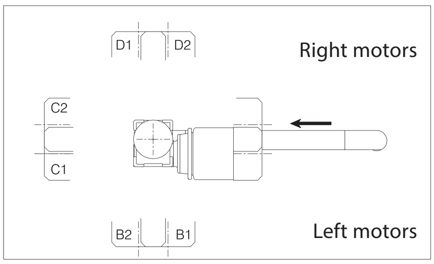








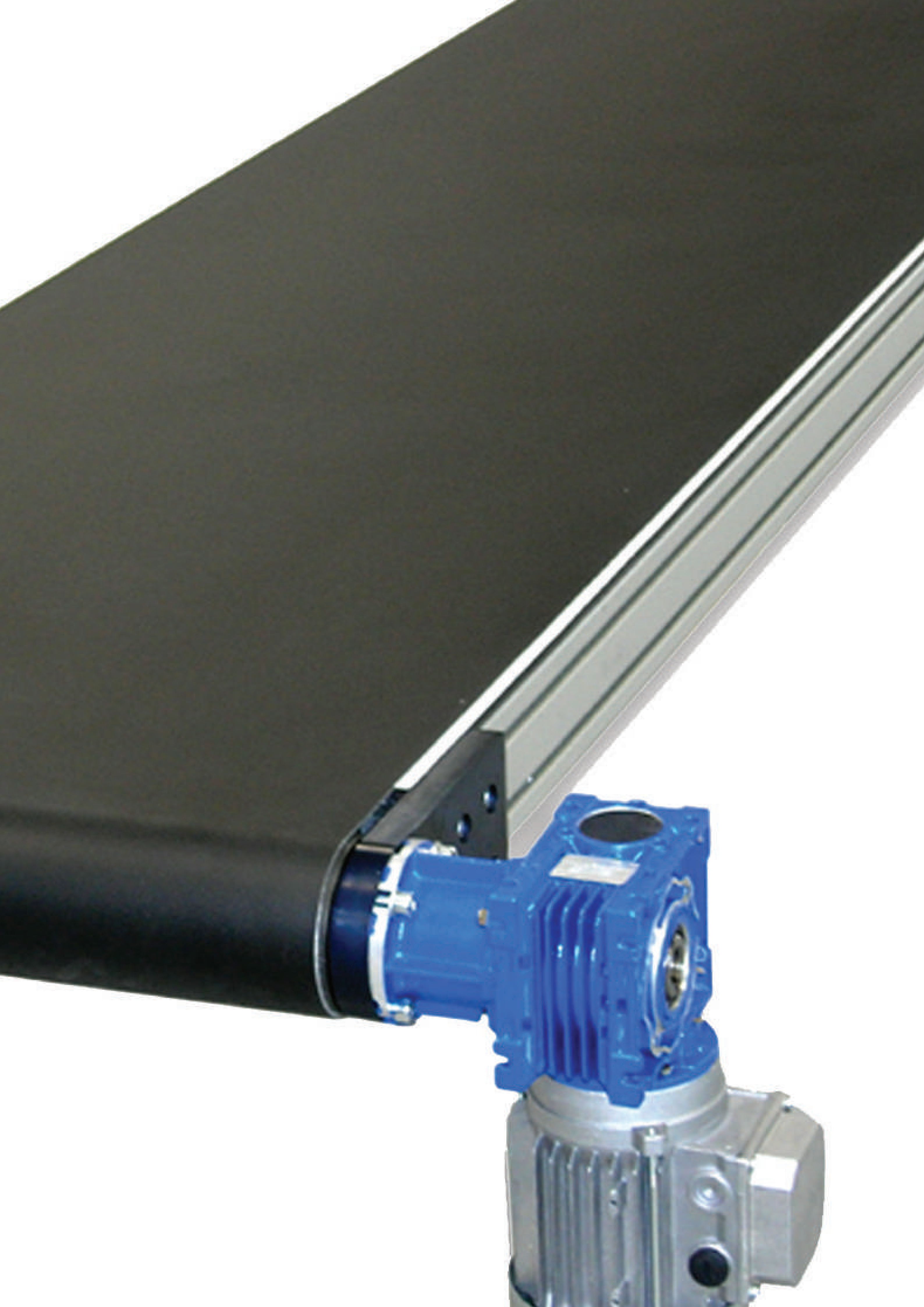
Gear motors positions (see page 106)

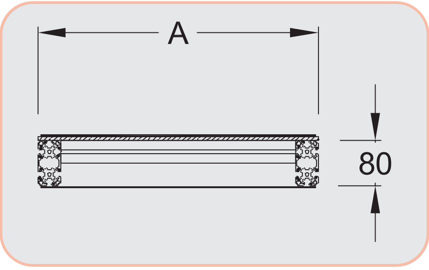


Product description/Dimensions	Order unit	Reference
Conveyor 80 Flat belt End drive 250 W	1 pce	C XXXX.43.000
Conveyor 80 Flat belt End drive 250 W Stainless steel	1 pce	C XXXX.43.000I

(XXXX = Width A of conveyor   eg: C 0400.43.000I)

CONVEYOR 90 FLAT BELT





Conveyor 90

Flat belt
End drive
Widths 500, 600, 700, 800, 1 000 mm

Technical data

Flat belt conveyor for heavy and bulky components.

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

Dimensions (mm)

x Width A: 500 - 600 - 700 - 800 1 000
x Length L: 500 to 6 000
x Width of belt: A - 10
x Length of belt: Lc= (2 x L) + 300
x Length of profile: LP= L-100

Plates

x Plastic 8 mm
x Stainless steel

Gear motors

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

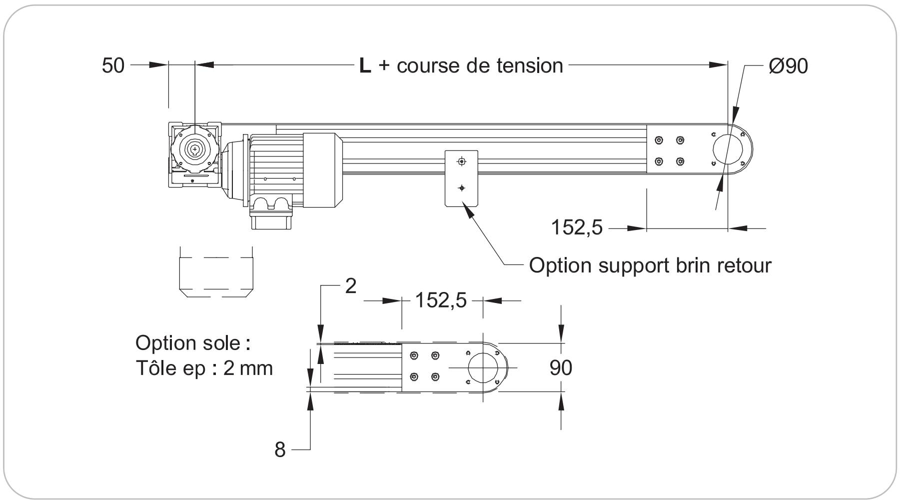
Gear motors data: Page 106

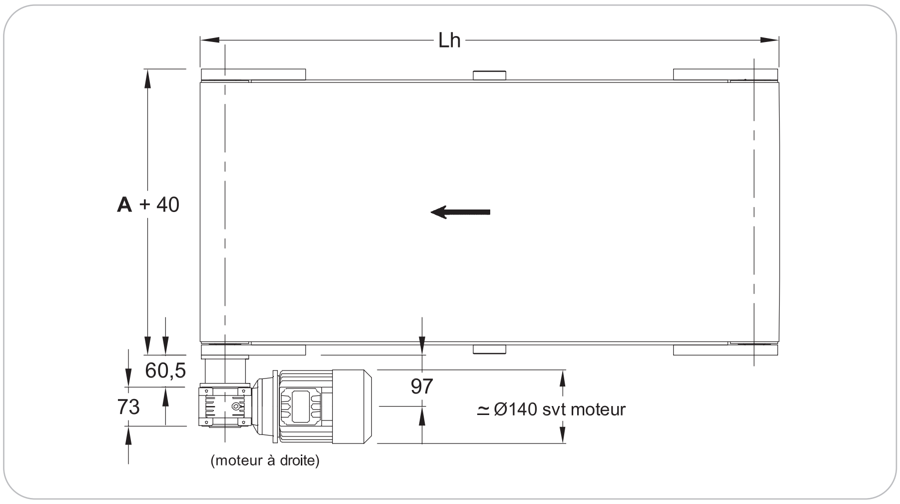
Belts

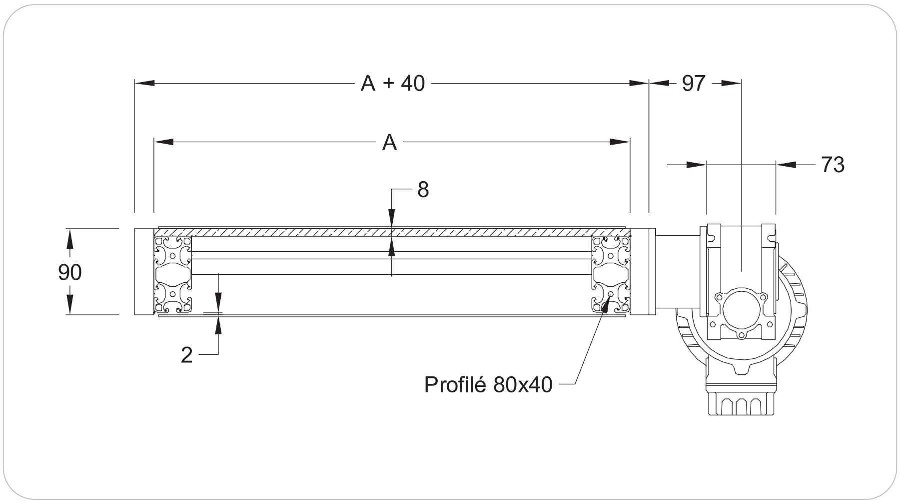
Installation tension: 0,5 % maxi

Belt data: Page 104

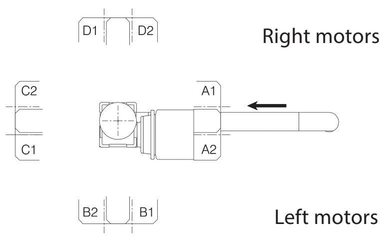
Permissible loads: see loads data page 11.





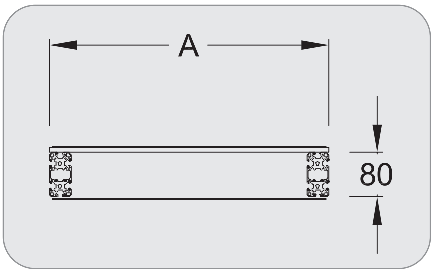


Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 90 Flat belt End drive	1 pce	C XXXX 10 000

(XXXX = Width A of conveyor   eg: C 0500 10 000)



Conveyor 90

Flat belt
End drive, Motor below
Widths 500, 600, 700, 800, 1 000 mm

Technical data

Flat belt conveyor for heavy and bulky components.

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

Dimensions (mm)

- Pulley diameter: 90
- Width A: 500 - 600 - 700 - 800 - 1 000
- Length L: 500 to 6 000
- Width of belt: A - 10
- Length of belt: Lc= (2 x L) + 300

Plates

- Plastic 8 mm
- Stainless steel
-

Gear motors

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

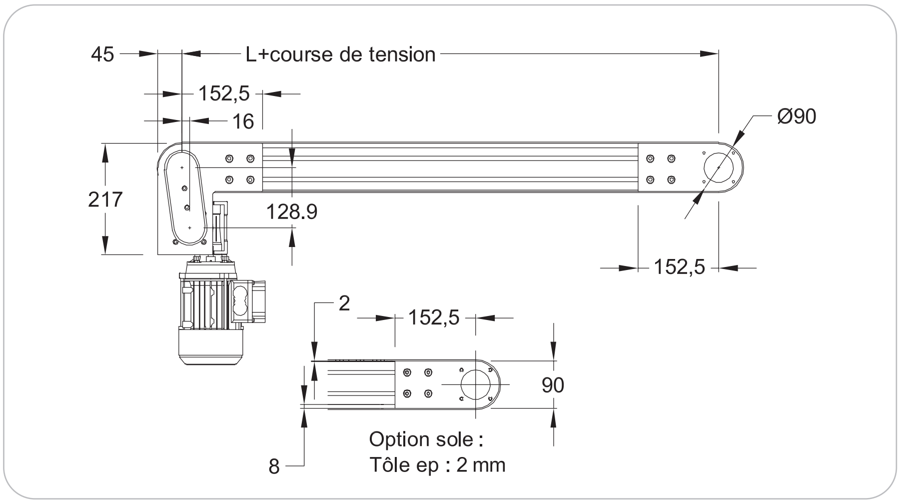
Gear motors data: Page 106

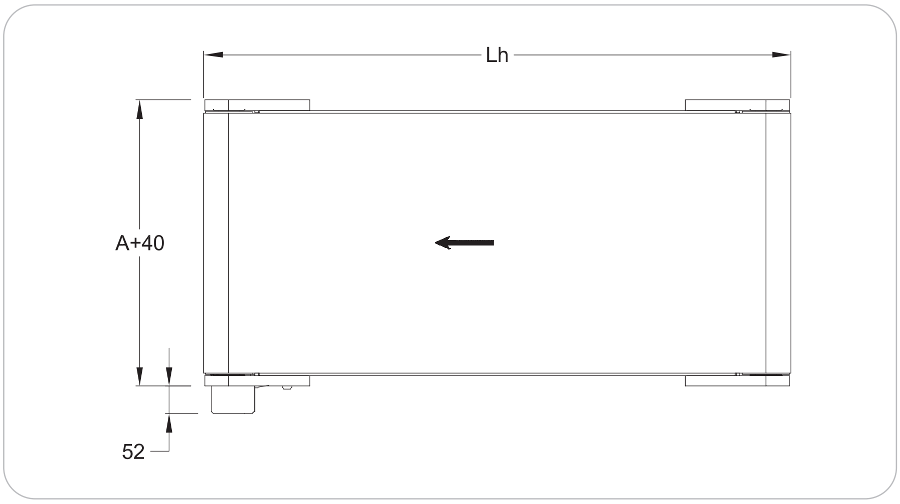
Belts

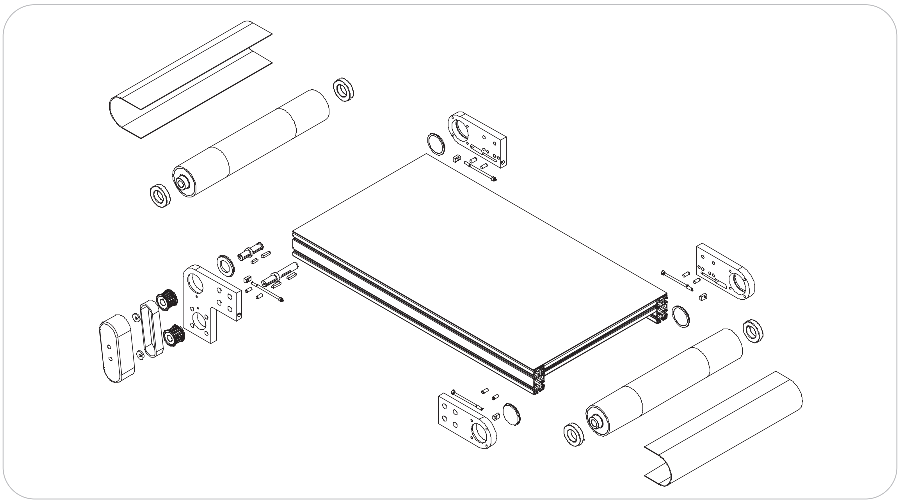
Installation tension: 0,5 % maxi

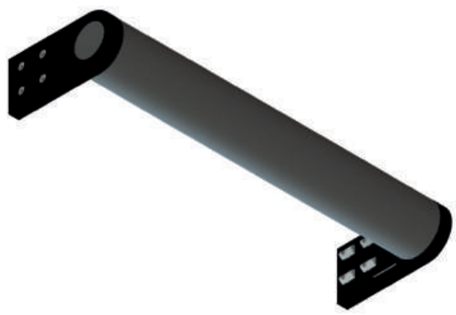
Belt data: Page 104

Permissible loads: see loads data page 11.

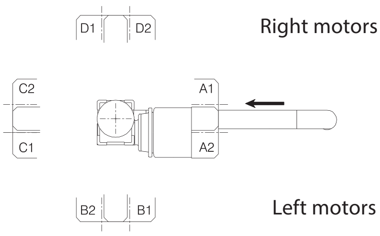








Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 90 Flat belt End drive Motor below	1 pce	C XXXX 53 000

(XXXX = Width A of conveyor   eg: C 0500 53 000)

CONVEYOR 90 MOTORIZED DRUM

Conveyor 90 motorized drum
Flat belt
End drive, Motorized drum

Widths 500, 600, 700, 800 mm

Technical data

Compact conveyor thanks to the integrated motor in the pulley.

- x Drive on extremity by motorized drum.
- x Aluminium pulley with ball bearings.
- x Aluminium profile frame.

Dimensions (mm)

- x Pulley diameter: Ø 84
- x Width A: 500, 600, 700, 800
- x Width of belt: 490, 590, 690, 790
- x Length mini : A x1,2 mm
- x Length maxi: 4 000
- x Stainless steel or galvanized steel plate thickness 2 mm

Gear motors

- x 230/400 V three-phase 50 Hz
- x Speed : 5 - 6 - 7 - 9 - 11 - 14 m/min according to power

Adjustable cable outlet from 90° to 90°.

Lh = L + tensioning stroke + 84 + 2 x belt thickness

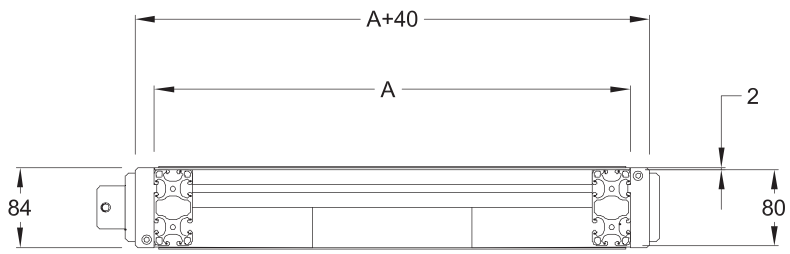
Space saving thanks to the drum motor

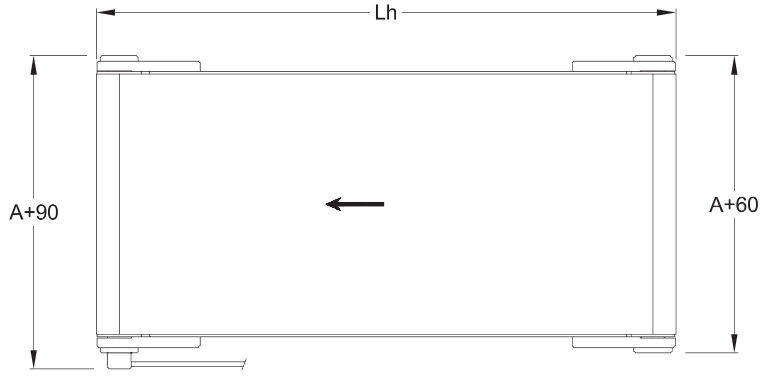
⚠ **Do not operate without belt since this may result in damage.**

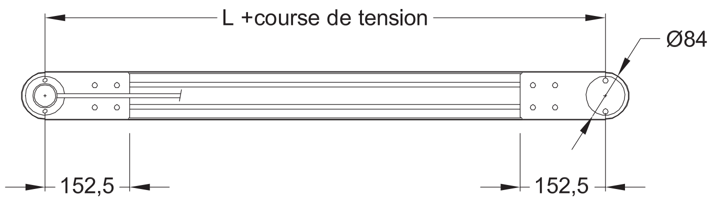
Belts

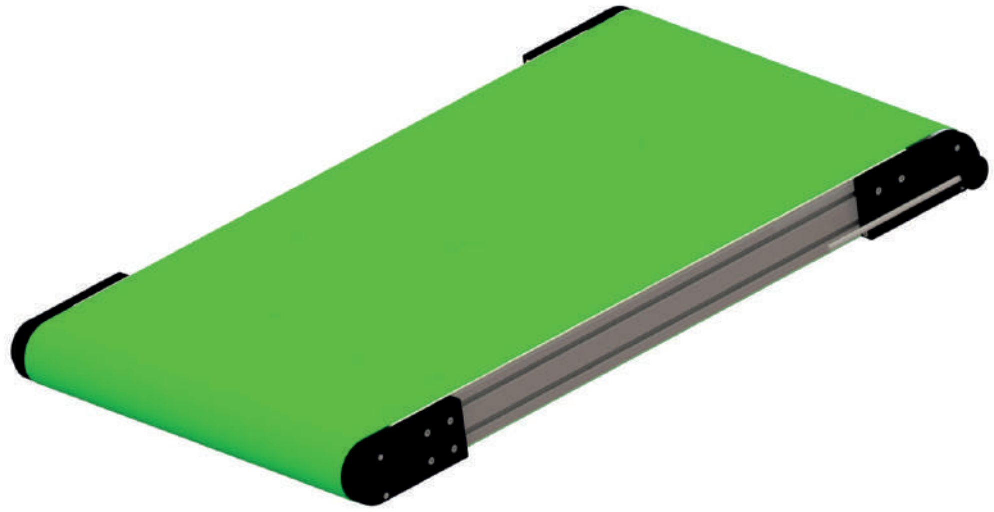
Belt data: Page 104

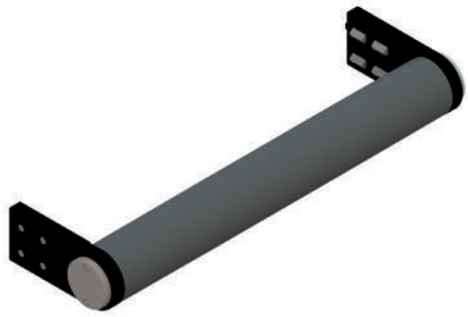
Permissible loads: see loads data page 11.







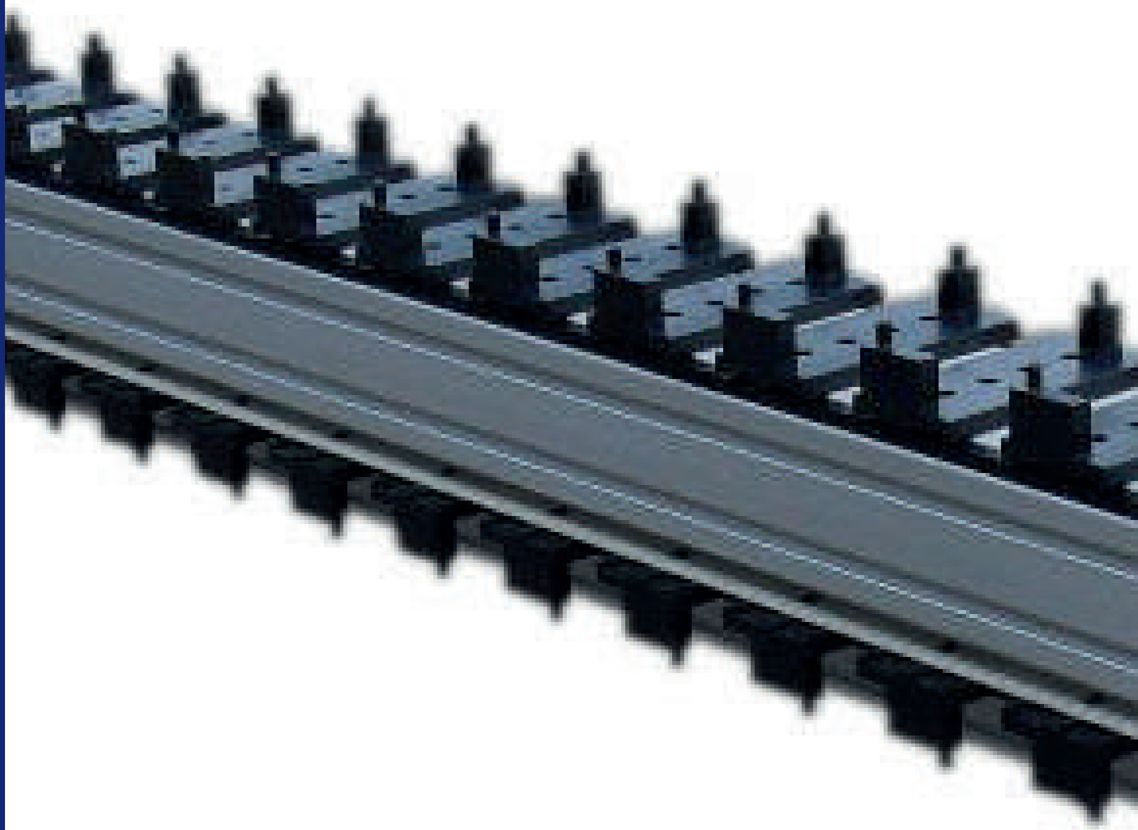


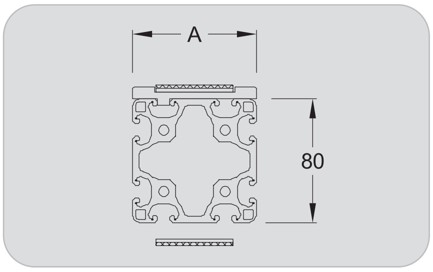


Product description/Dimensions	Order unit	Reference
Conveyor 90 Motorized drum	1 pce	C XXXX 30 000

(XXXX = Width A of conveyor : 500-600-700-800   eg: C.0500.30.000)

CONVEYOR 90 TIMING BELT





Conveyor 90

Timing belt (CC)
End drive
Widths 40, 80, 120 mm

Technical data

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

- Toothed pulleys with ball bearings
- Guiding belt PA material
- Timing belt, 10 mm step
- Option: timing belt 10 mm step with threaded insert which enables to fix workpiece fittings.

Dimensions (mm)

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

Gear motors

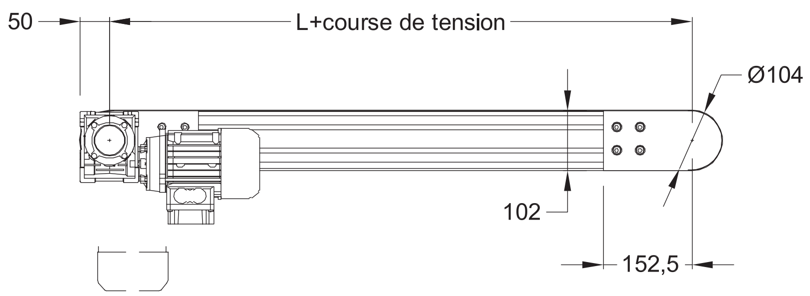
- 230/400 V three-phase
- Speed (m/min) ± 10 %:
  4 - 6 - 8 - 10 - 16 - 20 - 26

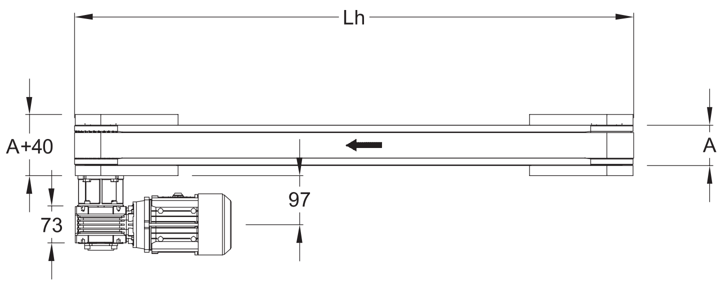
Gear motors data: Page 106

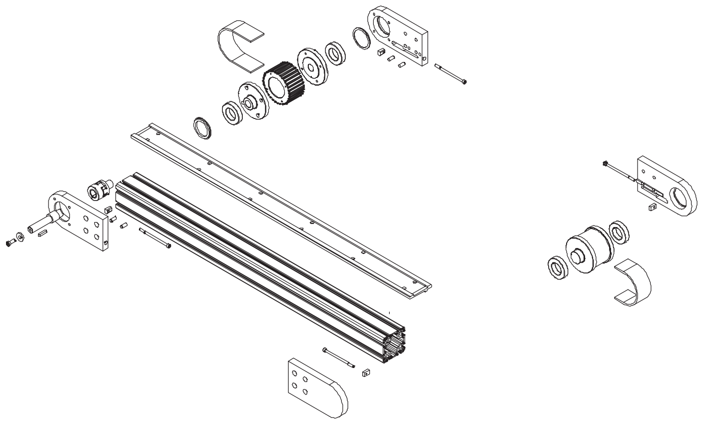
Belts

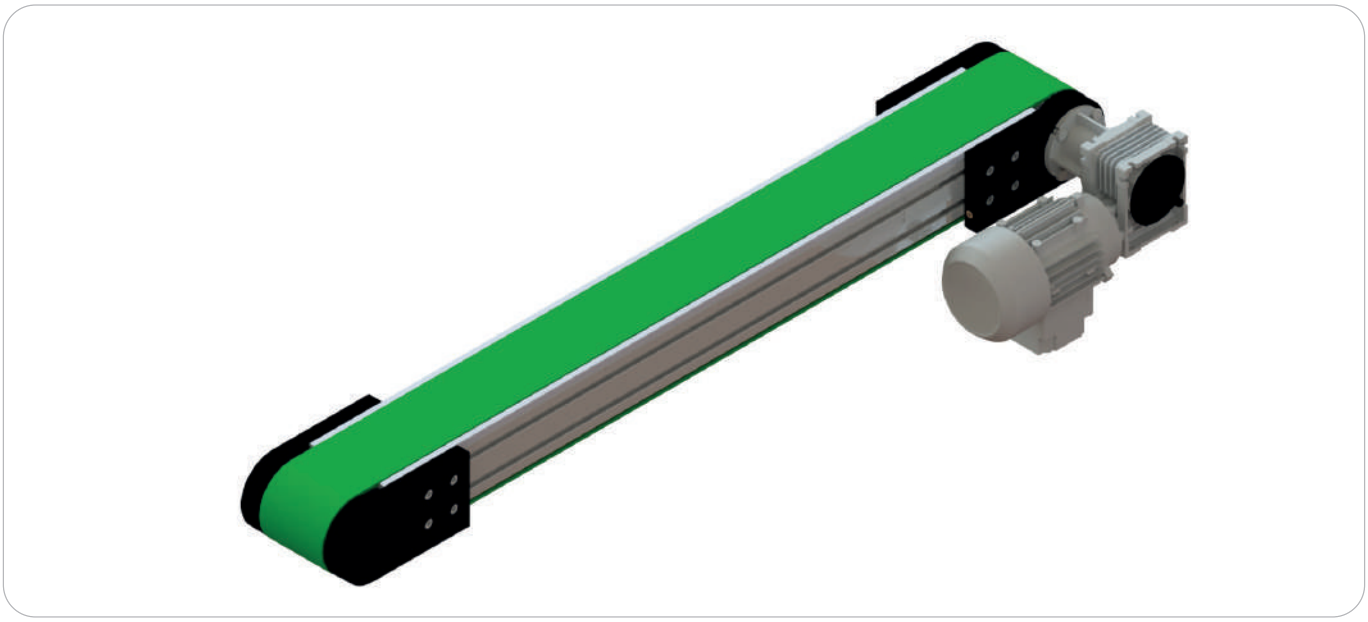
Installation tension: 0,1 %
Belt data: Page 104

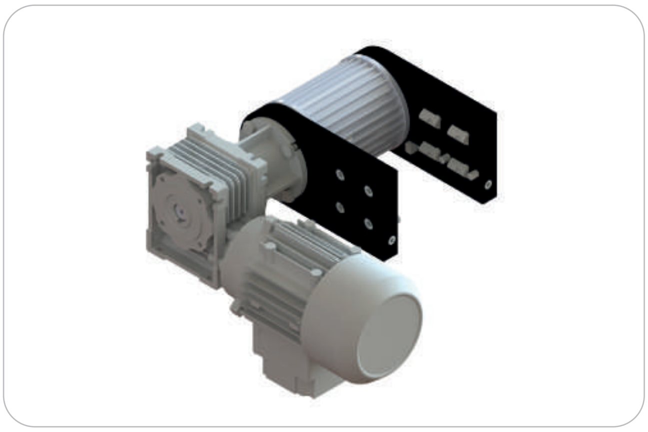
Permissible loads: see loads data page 11.

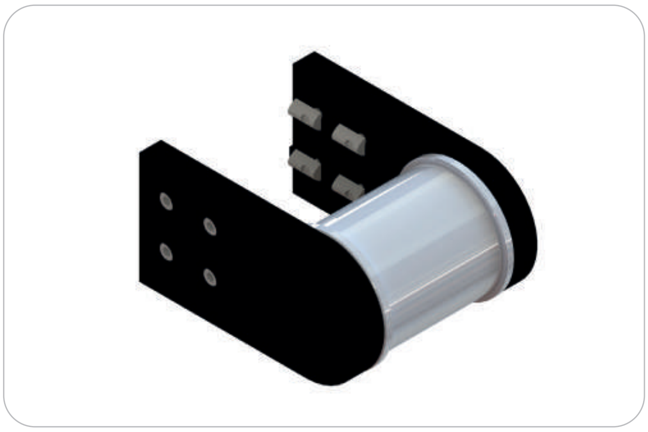




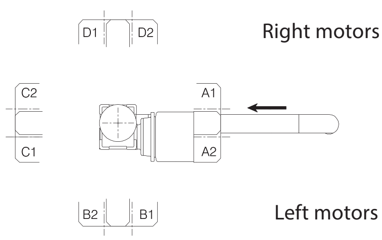






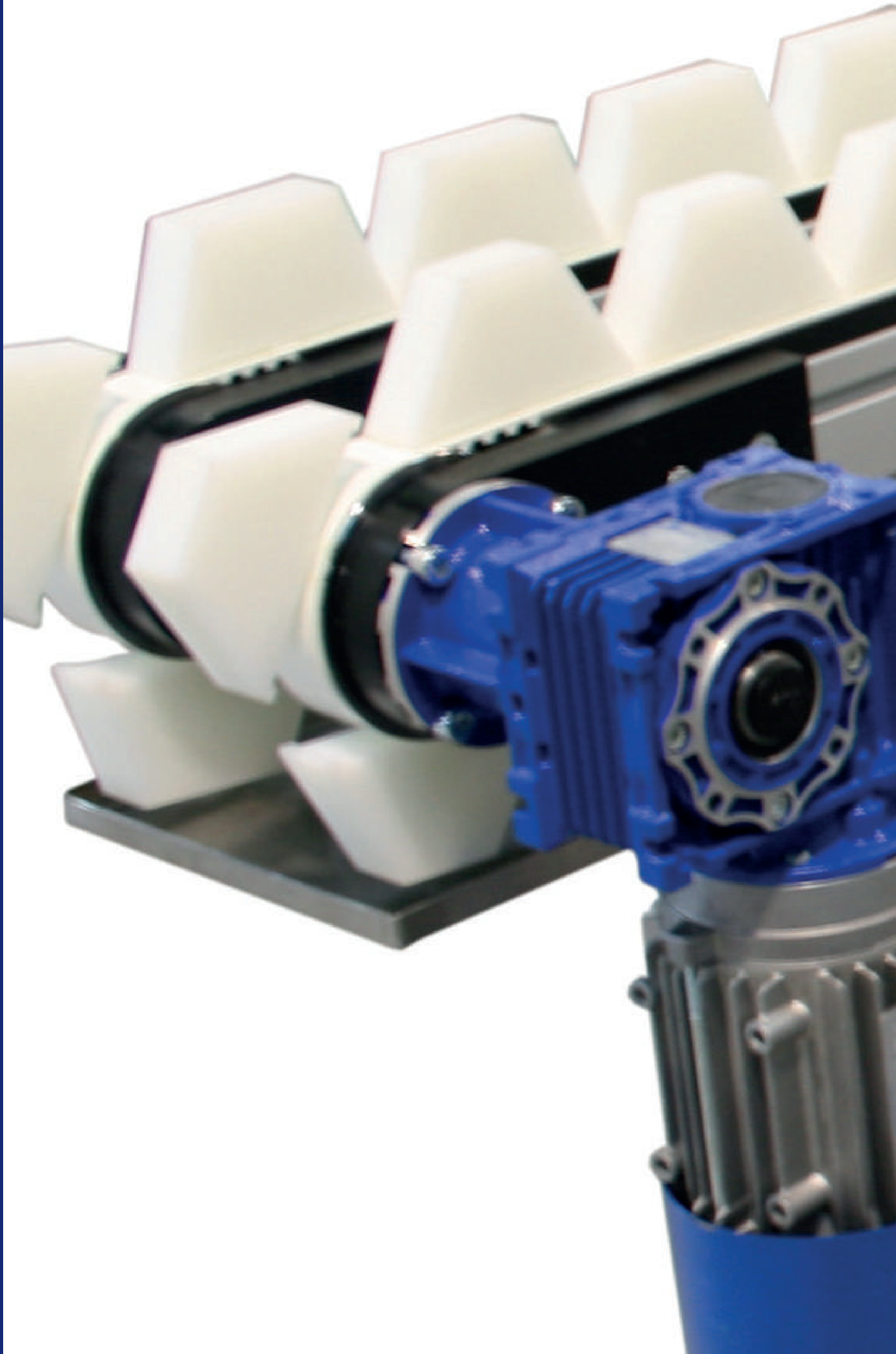


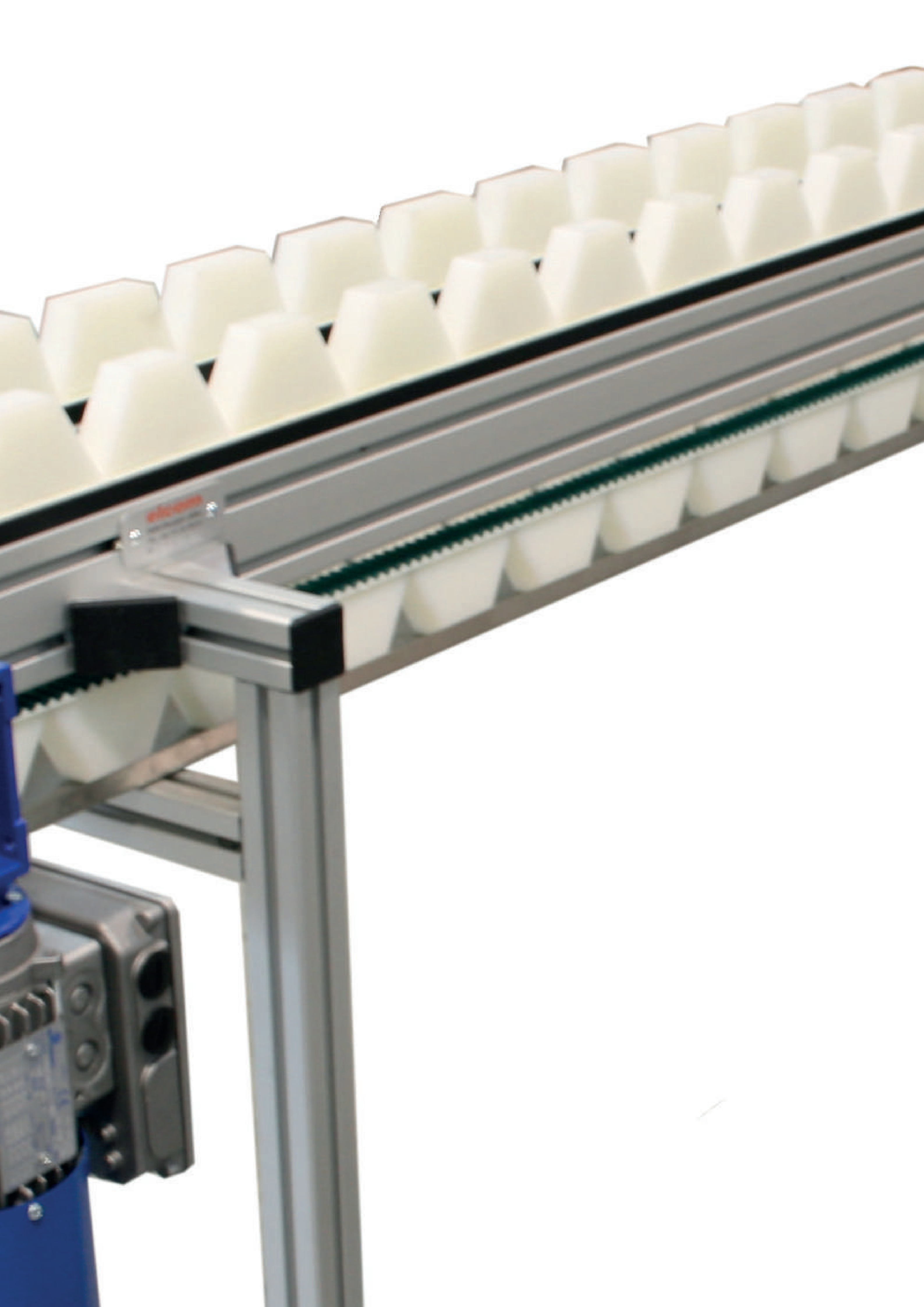
Gear motors positions (see page 106)

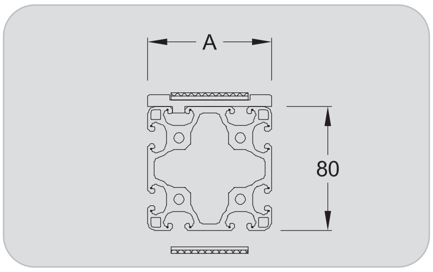


Product description/Dimensions	Order unit	Reference
Conveyor 90 Timing belt End drive 40 mm	1 pce	C 0040 70 000
Conveyor 90 Timing belt End drive 80 mm	1 pce	C 0080 70 000
Conveyor 90 Timing belt End drive 120 mm	1 pce	C 0120 70 000

CONVEYOR 90 DOUBLE TIMING BELT







Conveyor 90

Double timing belt (CC)
End drive
Widths 40, 80, 120 mm

Technical data

Two parallel timing belt conveyors driven by only one motor, for large components enabling the use of free space.
Positive driving belt for heavy loads.

- x Toothed 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 workpiece fittings

Dimensions (mm)

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

Gear motors

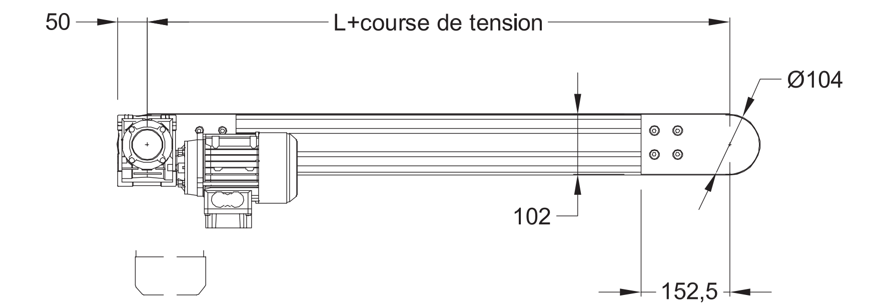
- x 230/400 V three-phase
- x Speed (m/min) ± 10 %:
  4 - 6 - 8 - 10 - 16 - 20 - 26

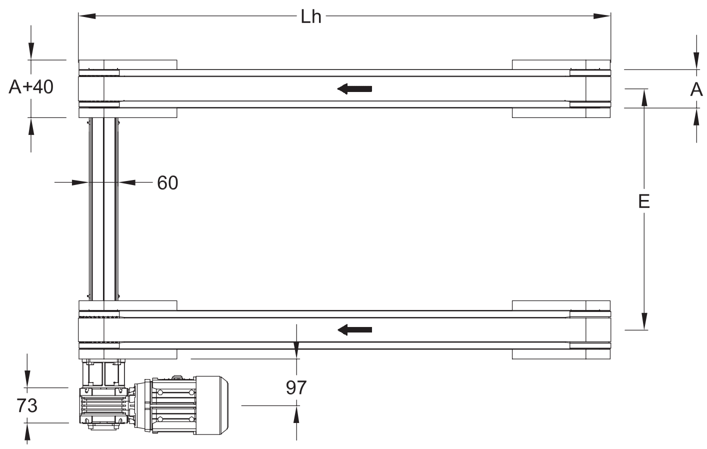
Gear motors data: Page 106

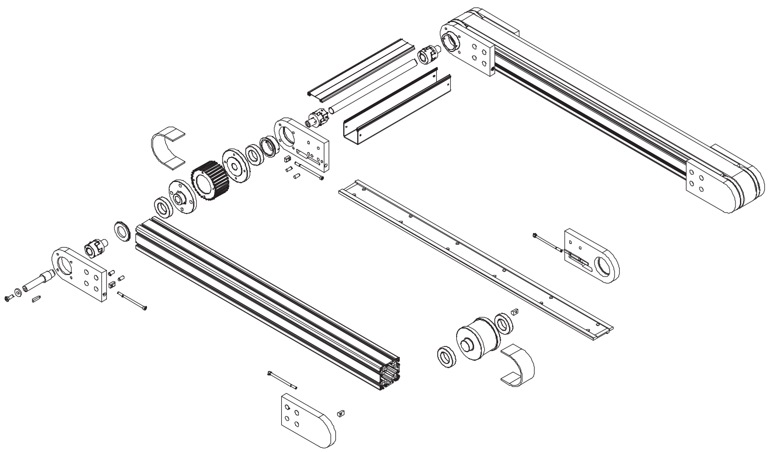
Belts

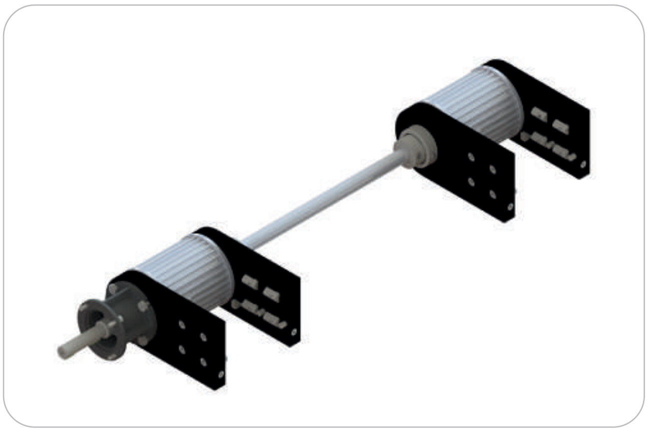
Installation tension: 0,1 %
Belt data: Page 104

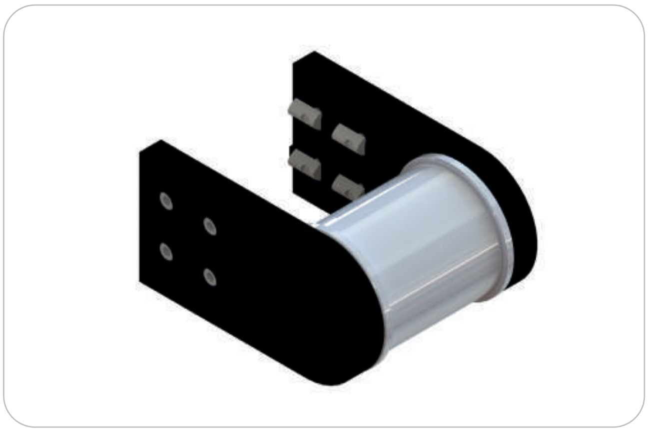
Permissible loads: see loads data page 11.



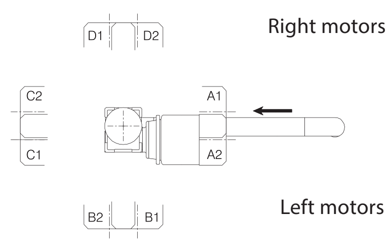








Gear motors positions (see page 106)



Product description/Dimensions	Order unit	Reference
Conveyor 90 Double timing belt End drive 40 mm	1 pce	C 0040 80 000
Conveyor 90 Double timing belt End drive 80 mm	1 pce	C 0080 80 000
Conveyor 90 Double timing belt End drive 120 mm	1 pce	C 0120 80 000

CONVEYOR WITH NON DRIVEN ROLLERS

Conveyor with non driven rollers

Straight line
Widths 350, 450, 550, 650 mm

Technical data

Straight compact conveyor to convey all types of cardboard boxes, flat bottom boxes, etc. on zinc-plated steel rollers.

Aesthetic design.

Dimensions (mm)

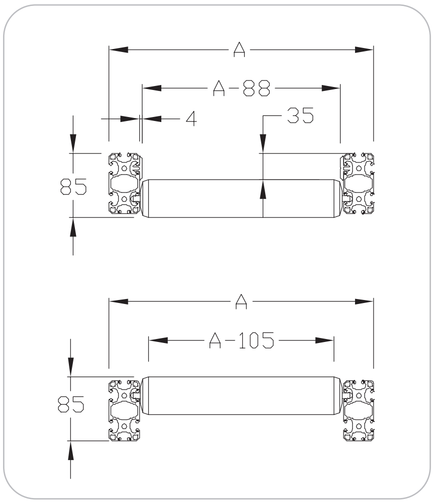
- x Width A: 350 - 450 - 550 - 650
- x Rollers: Ø 50
- x X: quantity of rollers
- x P: pitch between rollers
  55 - 75 - 95
- x L = (X-1) x P + 54
- x Maximum load per roller (daN) : 6

Composed of modular elements, fully adaptable to the aluminium profiles range.

Options

- x Feet or frame in aluminium
- x Lateral guides
- x Pitch between the rollers on request
- x Fixed stopper

Permissible load:
according to widths, lengths and pitch between rollers.



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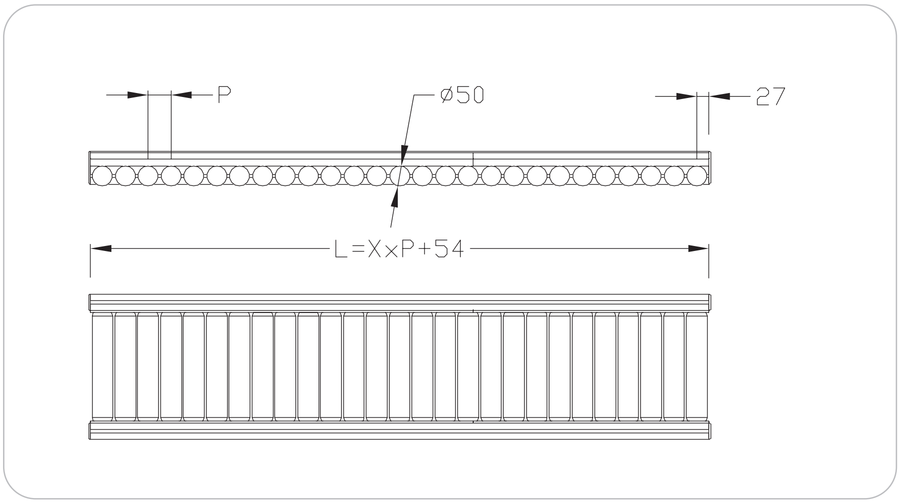
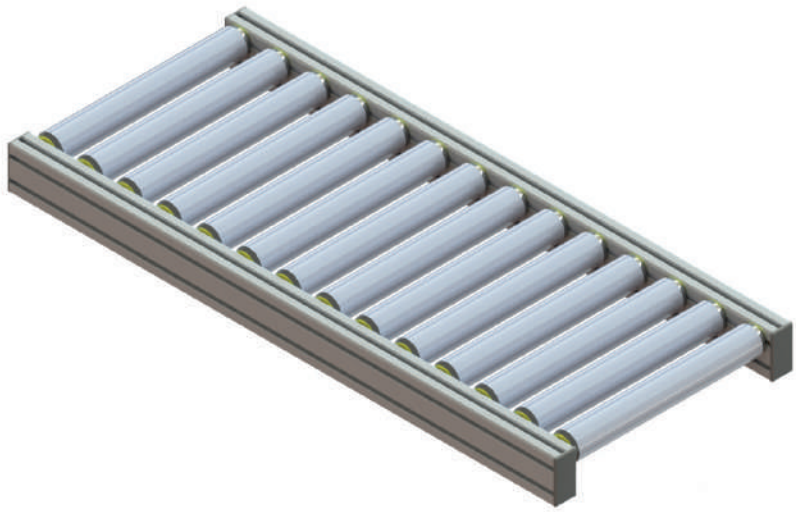




Product description/Dimensions	Order unit	Reference
Conveyor with non driven rollers Straight line	1 pce	CR XXX 52 000
Conveyor with non driven rollers with lateral guides Straight line	1 pce	CR XXX 53 000

(XXX = Width A of conveyor : 350-450-550-650   ex. : CR 350 52 000)

Conveyor with non driven rollers

Curved line
Widths 350, 450, 550, 650 mm

Technical data

Compact conveyor with a curve to convey all types of cardboard boxes, flat bottom boxes, etc. on truncated-cone shaped rollers.
Composed of modular elements, fully adaptable to the aluminium profiles range.

Aesthetic design.

Dimensions (mm)

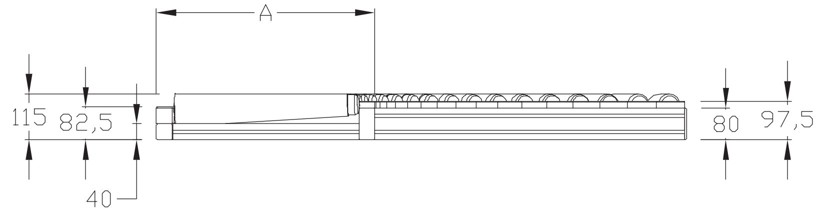
- Width A: 350 - 450 - 550 - 650
- Zinc plated steel rollers with PVC coating
- Pitch between rollers P:
  75 on R 820
- Maximum load per roller (daN): 6
- Inner radius of curvature: 780

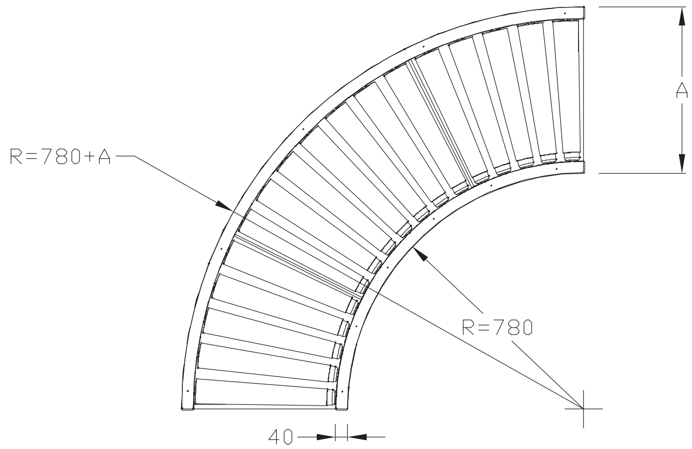
Made up of modular elements, fully adaptable to the aluminium profile range.

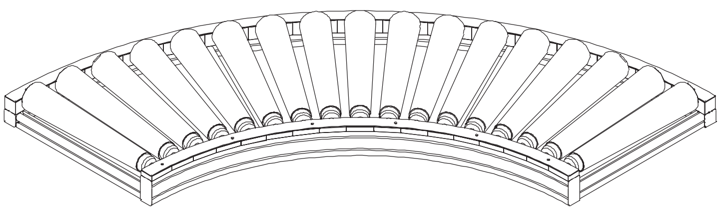
Options

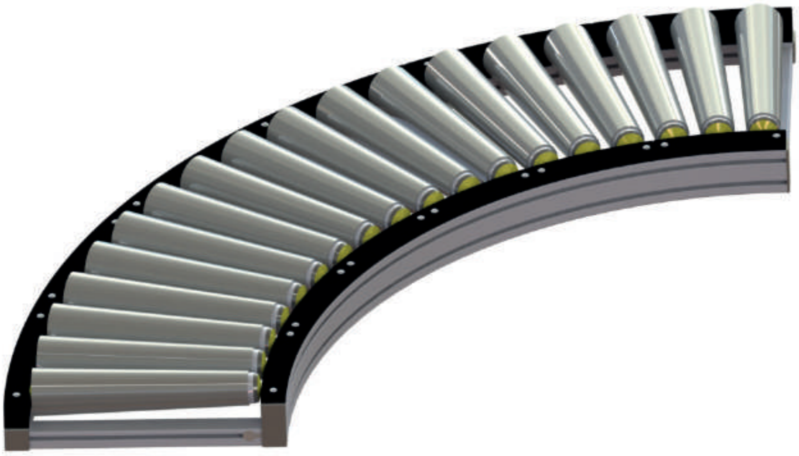
- Feet or frame in aluminium
- Lateral guides

Permissible load:
according to widths, lengths and pitch between rollers.









Product description/Dimensions	Order unit	Reference
Conveyor with non driven rollers Curved	1 pce	CRC XXX 52 000

(XXX = Width A of conveyor : 350-450-550-650 ex.: CRC 350 52 000)

Conveyor with non driven rollers

Straight or curved lines

The intelligent motorized conveyor to rollers transports products while managing accumulation autonomously.

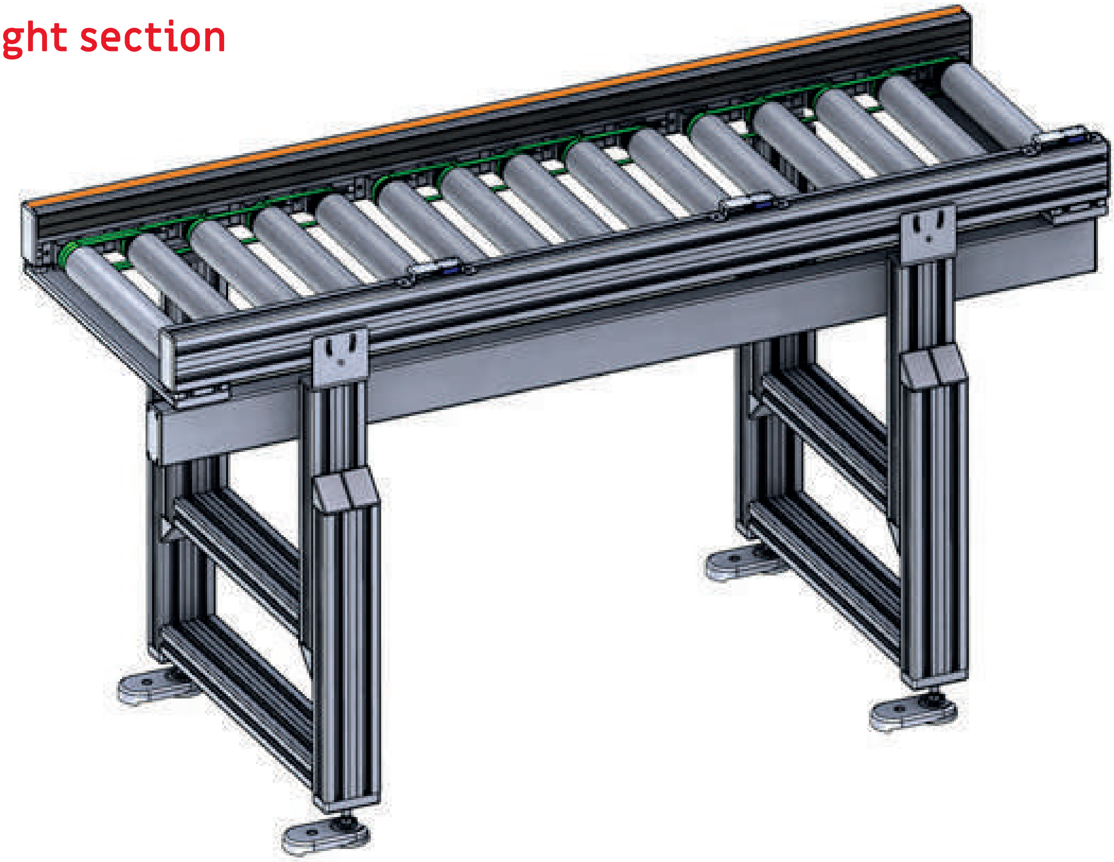
Internal control of conveyor to rollers ensures pressure-free accumulation transport of isolated loads.

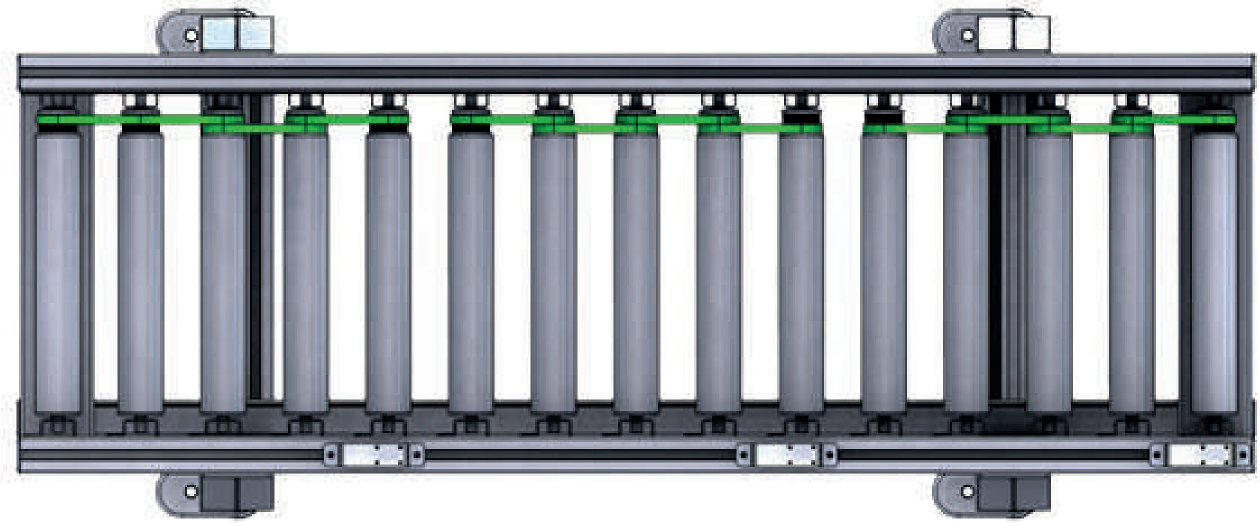
Each zone is driven by a motorized roller connected to a fixed number of free rollers with Poly-v belts. No master control system is required.

When a single load enters, it systematically activates the next zone when it reaches the end of the zone. Loads do not touch each other and are accumulated without pressure as required.

This system ensures a homogeneous conveying flow, as well as buffer mode operation for gentle product conveying, without automation.

Straight section

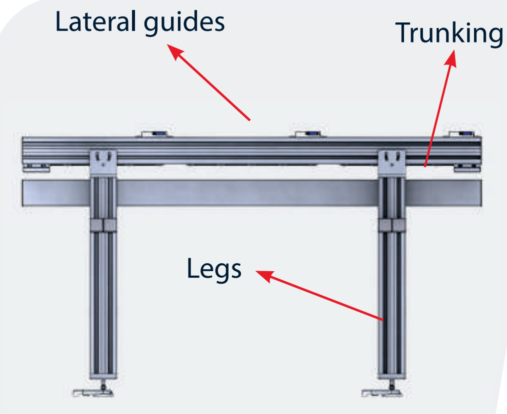




Conveyor with motorized rollers - characteristics

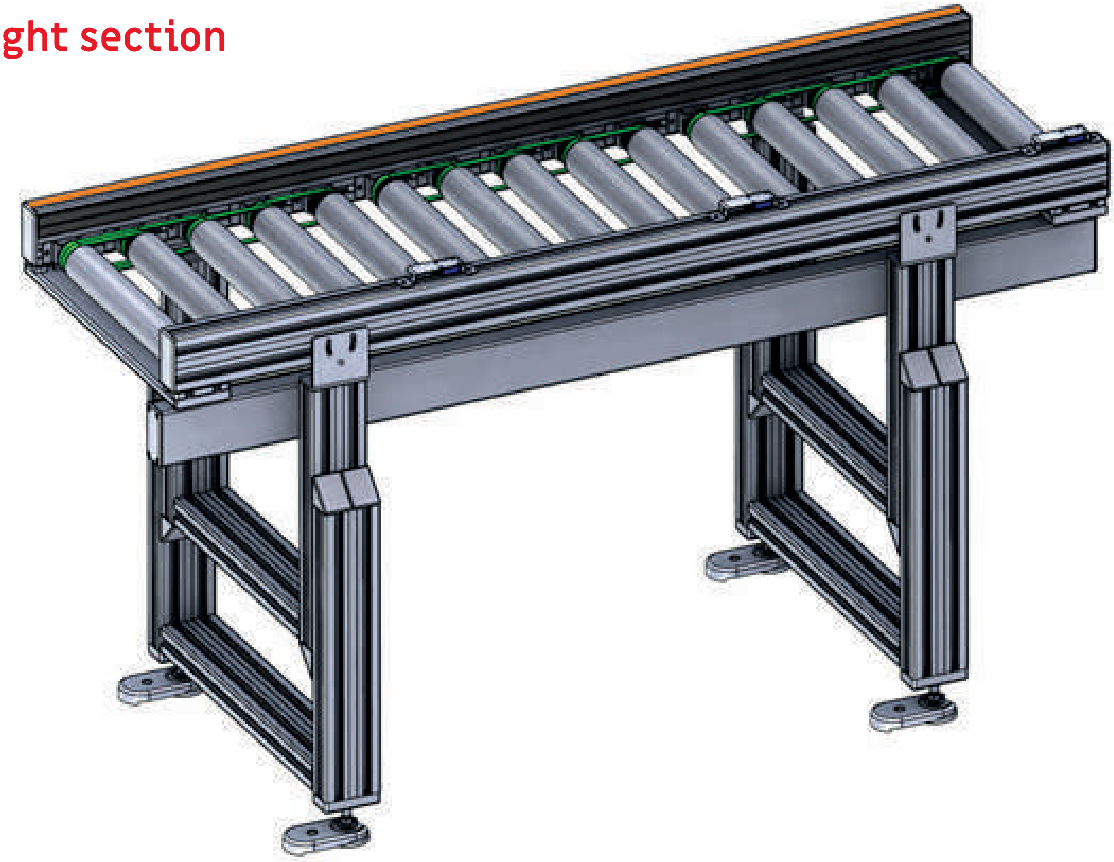
/ Product benefits
Modularity
Easy maintenance
Operator safety
Energy-saving (24v rollers)
Plug & play operation thanks to stand-alone boards

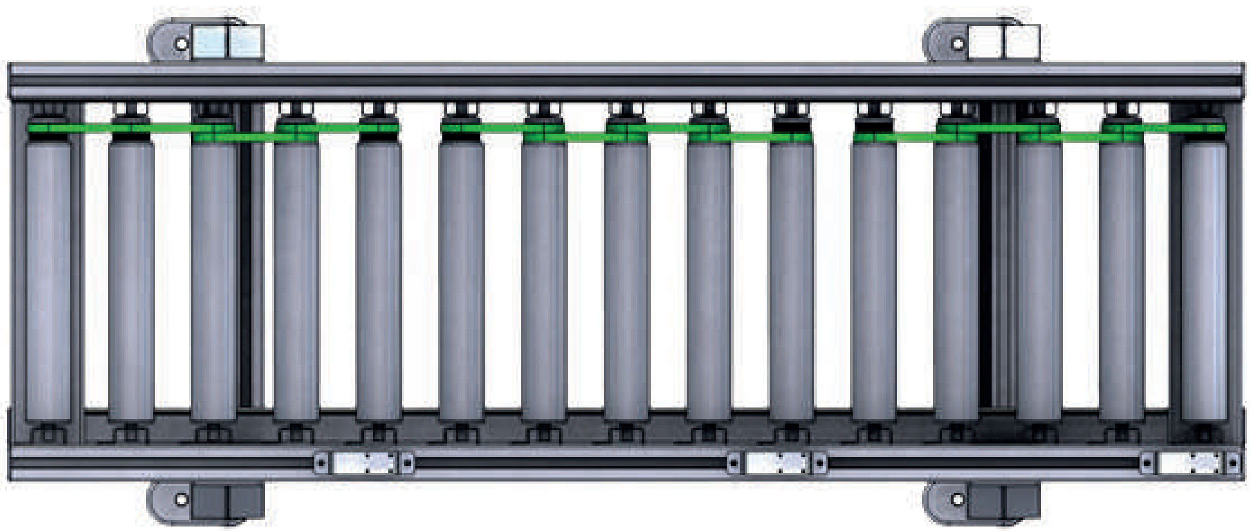
/ Environment
Indoor use only



DC brushless motor		24 VDC (+/- 10 %) - Ripple rate < 10			
Insulation class		E			
Operation at 40°C	Continuous	100%			
	Intermittent	1800 starts / hour max Minimum cycle time = 1 s ON / 1 s OFF ED = ON / (ON+OFF) ≤ 50			
Brake		Dynamic braking			
Protection class		IP54 (IP65 or cold room version, consult us)			
Cable length		300 mm with JST connector - 9 pins			
Protection		Thermal protection (>95C for the circuit board, >110C for the motor) Protection against induced voltage			
Environment		0 / +40 °C - no condensation - no corrosive or explosive atmosphere Vibrations <0.5 G			
Noise level		52 dB nominal at 1 metre distance			
Speed code		15	25	55	90
Reduction ratio		1/44,90	1/26,67	1/12,64	1/7.5
Connector		JST#S9B-XH-A Male 9-pin			

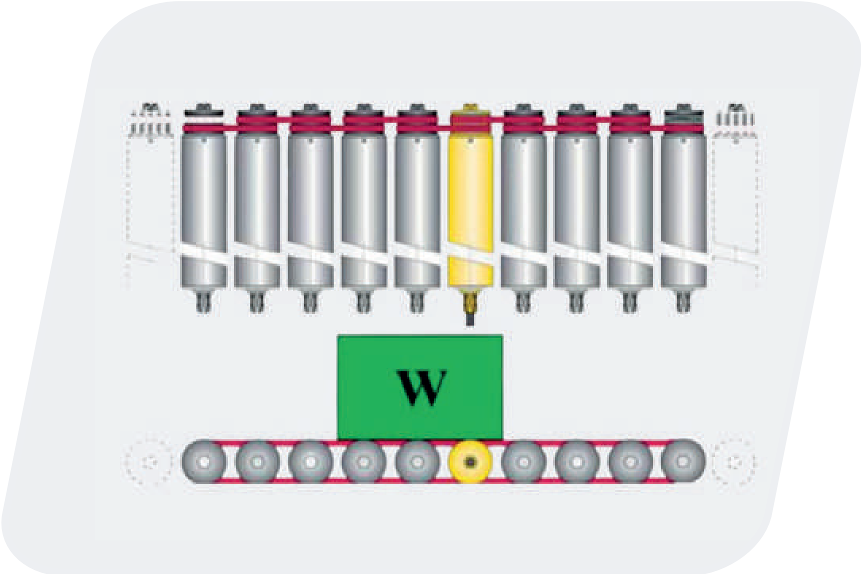
Straight section





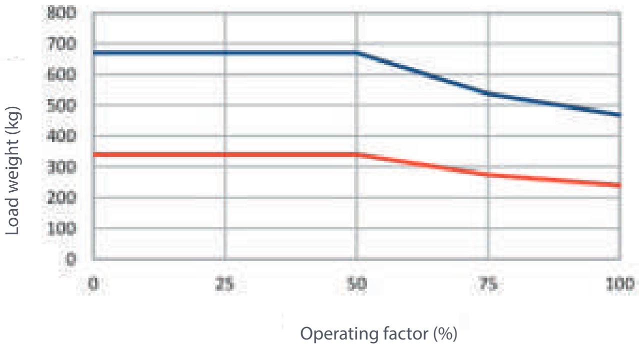
Transfer capacity

Conveyor to rollers moteur intelligent

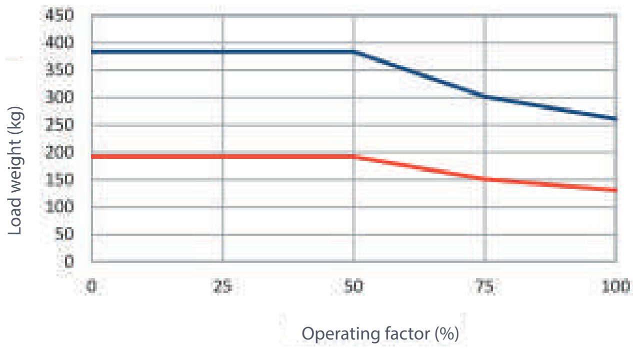


With board ref. 11464

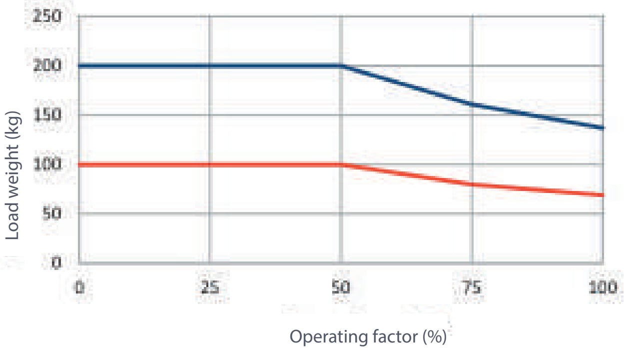
Code speed 15



Code speed 25



Code speed 55

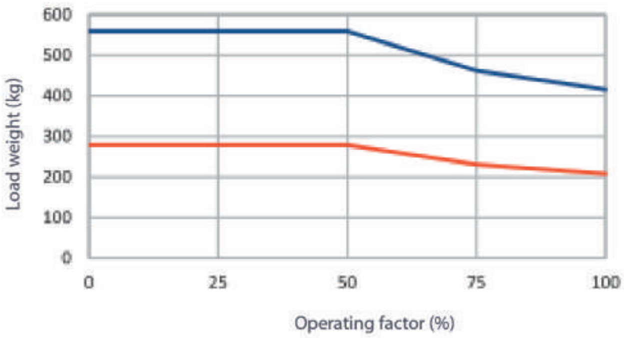


· Load to be transported
— Plastic crate (p = 0,03)
— Cardboard box (u = 0,06)
. 9 free rollers driven by 1 motorized roller
· Ambient temperature 30°C

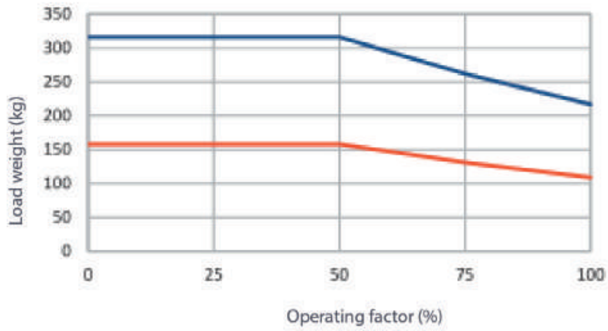
These curves are given for information only. Transfer capacity may vary depending on the nature and quality of the load to be conveyed, belt tension, bearing quality, type of sleeve, ambient temperature, etc.

With board ref. 12805

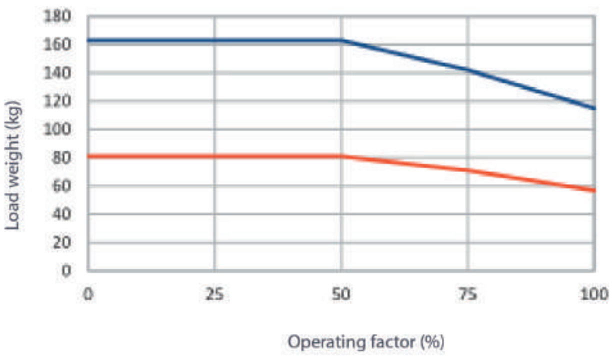
Code speed 15



Code speed 25



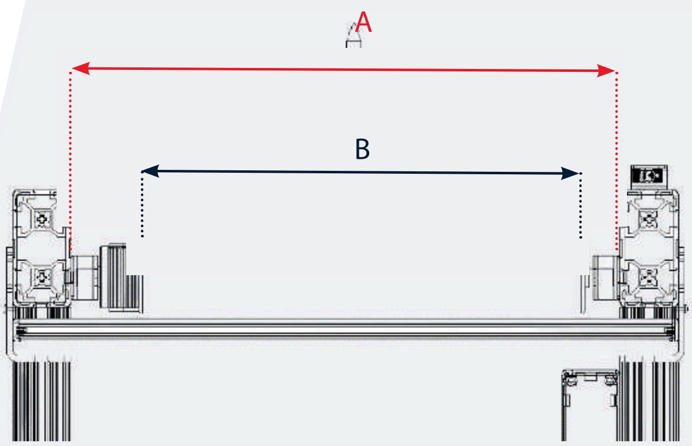
Code speed 55



· Load to be transported
— Plastic crate (p = 0,03)
— Cardboard box (u = 0,06)
. 9 free rollers driven by 1 motorized roller
· Ambient temperature 30°C

These curves are given for information only. Transfer capacity may vary depending on the nature and quality of the load to be conveyed, belt tension, bearing quality, type of sleeve, ambient temperature, etc.

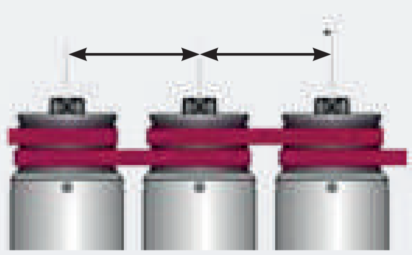
Dimensions



Code speed	Dimension A	tube length B
	Mini ≤ A ≤ Maxi	Mini ≤ B ≤ Maxi
15	371 ≤ A ≤ 1276	295 ≤ B ≤ 1200
25 / 55	346 ≤ A ≤ 1276	270 ≤ B ≤ 1200
90	316 ≤ A ≤ 1276	240 ≤ B ≤ 1200

Tube length		300	400	500	600	700	800	900	1000	1100	1200
Weight (kg)	15m/ min	2,8	2,9	3,1	3,2	3,4	3,6	3,7	3,9	4,1	4,2
	25m/ min	2,5	2,7	2,9	3,0	3,2	3,4	3,5	3,7	3,9	4,0
	55m/ min	2,6	2,7	2,9	3,1	3,2	3,4	3,6	3,7	3,9	4,0
	90m/ min	2,3	2,4	2,6	2,8	2,9	3,1	3,2	3,4	3,6	3,7
Max static load (Kg)		65	55	45	35	30	25	20	20	15	15
Max. axial force (N)		290									

Standard pitches: 60 - 75 -90 - 150 mm



Other pitches available

Pitch between rollers (mm) for Ø43 mm pulley				
60-63	73-75	87-91	115-118	142-147
64-65	73-77	92-95	119-121	150-156
66-67	78-79	97-101	123-128	157-161
71-72	80-84	103-107	129-134	170-176

Determination sheet

Roller conveyor length [   ] mm   pitch of rollers [   ] mm

Width of roller conveyor [   ] mm

Clear width	450	650	850	1200	
PITCH 60 mm	CRM-METRE-0450-060	CRM-METRE-0650-060	CRM-METRE-0850-060	CRM-METRE-1200-060	Conveyor metre
PITCH 90 mm	CRM-METRE-0450-090	CRM-METRE-0650-090	CRM-METRE-0850-090	CRM-METRE-1200-090	
PITCH 150 mm	CRM-METRE-0450-150	CRM-METRE-0650-150	CRM-METRE-0850-150	CRM-METRE-1200-150	
SPEED 15	CRM-VIT-0450-15	CRM-VIT-0650-15	CRM-VIT-0850-15	CRM-VIT-1200-15	Number of zones
SPEED 25	CRM-VIT-0450-25	CRM-VIT-0650-25	CRM-VIT-0850-25	CRM-VIT-1200-25	
SPEED 55	CRM-VIT-0450-55	CRM-VIT-0650-55	CRM-VIT-0850-55	CRM-VIT-1200-55	
H1 : from 610 to 890 mm	CRM-JAMB-0450-H1	CRM-JAMB-0650-H1	CRM-JAMB-0850-H1	CRM-JAMB-1200-H1	Number of jambs
H2 : from 710 to 1090 mm	CRM-JAMB-0450-H2	CRM-JAMB-0650-H2	CRM-JAMB-0850-H2	CRM-JAMB-1200-H2	
H3 : from 850 to 1350 mm	CRM-JAMB-0450-H3	CRM-JAMB-0650-H3	CRM-JAMB-0850-H3	CRM-JAMB-1200-H3	

CONVEYOR WITH MOTORIZED ROLLERS

Conveyor with motorized rollers

Curved line
Widths 450, 550, 650 mm

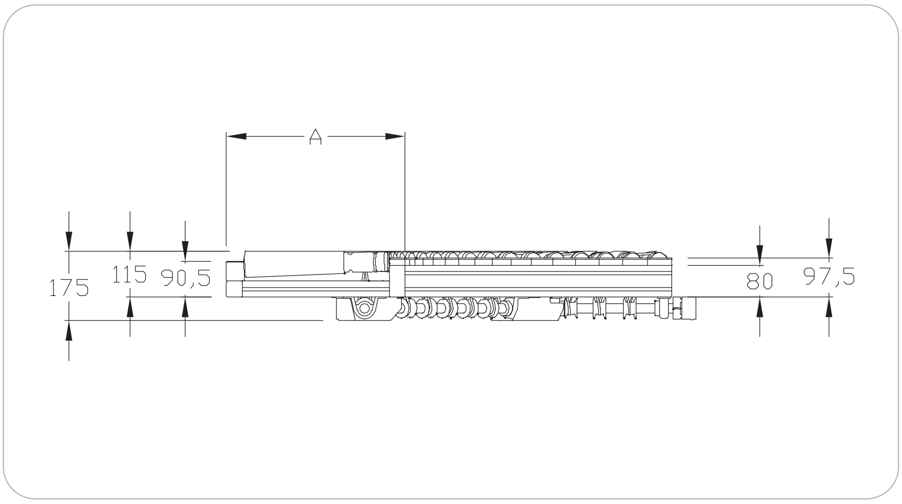
Technical data

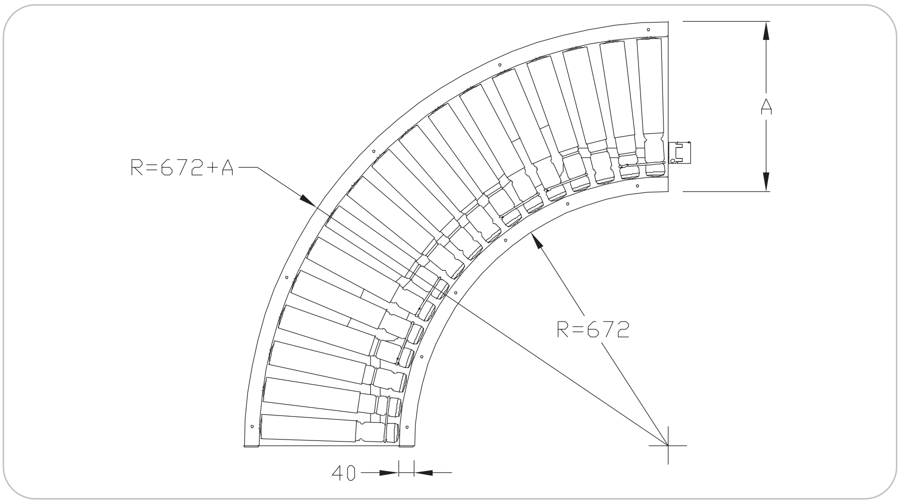
Compact motorized conveyor with a curve to convey all types of cardboard boxes, flat bottom boxes, etc. on truncated-cone shaped rollers.

The curved conveyor can be driven by the straight conveyor associated or not.

Composed of modular components, fully adaptable to the aluminium profiles range.

Aesthetic design.





Dimensions (mm)

- Width A: 450 - 550 - 650
- Zinc-plated steel rollers with PVC coating
- Pitch between rollers P:
  65 on R 712
- Maximum load per roller (daN): 6
- Inner radius of curvature: 672

Gear motors

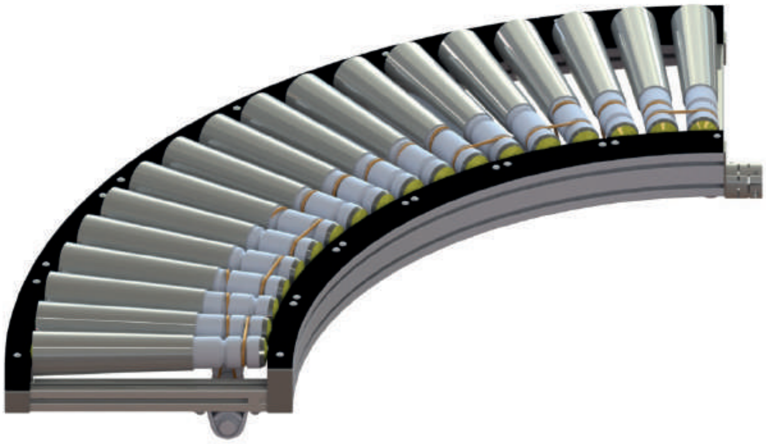
Rollers motorization by round belt
Speeds (m/min) : 6 - 7 - 9 - 12 -18 - 24

Made up of modular elements, fully adaptable to the aluminium profile range.

Options

- Feet or frame in aluminium
- Lateral guides
- Lateral guides de guidages

Permissible load:
en fonction des largeurs, longueurs and pas entre les rollers.



Product description/Dimensions	Order unit	Reference
Conveyor with motorized rollers Curved line	1 pce	CRC XXX 50 000

(XXX = Width A of conveyor: 450-550-650 eg: CRC 450 50 000)

Conveyor with motorized rollers

Straight line
Widths 350, 450, 550, 650 mm

Technical data

Straight compact conveyor to convey all types of cardboard boxes, flat bottom boxes, etc. on zinc-plated steel rollers.

Aesthetic design.

Dimensions (mm)

- Width A: 350 - 450 - 550 - 650
- Rollers: Ø 50
- X: quantity of rollers
- P: pitch between rollers : 55 - 75 - 95
- L = (X-1) x P + 55
- Maximum load per roller (daN) : 6

Gear motor

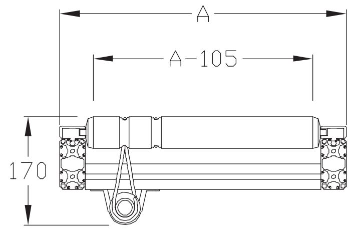
Rollers motorization by round belt
Speeds (m/min) : 6 - 7 - 9 - 12 -18 - 24

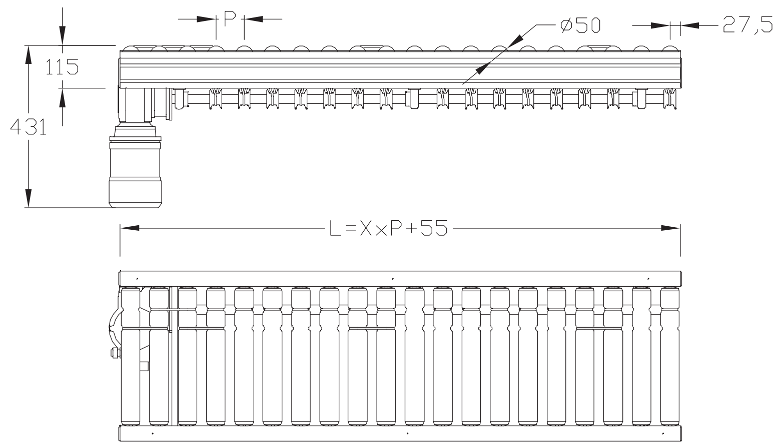
Made up of modular elements, fully adaptable to the aluminium profile range.

Options

- Feet or frame in aluminium
- Lateral guides
- Pitch between the rollers on request
- Fixed stopper
- Distributing stopper
- Acceleration zone
  Speed = conveyor speed x 1.25

Permissible load:
according to widths, lengths and pitch between rollers.





Product description/Dimensions	Order unit	Reference
Conveyor with motorized rollers Straight line	1 pce	CR XXX 50 000

(XXX = Width A of conveyor: 350-450-550-650   eg: CR 350 50 000)

ACCESSORIES


S1

Belts data

TYPE OF BELT	APPLICATION	SPECIAL TECHNICAL DATA / USE	COLOR
PVC	Standard. For conveying all kind of parts and material.	Antistatic Food quality	Grey Green Black
PU	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.

ACCESSORIES

Main category	Reference	Width	Coating	Color	Belt strenght	ESD	Food	Temp mini	Temp maxi
Belt PU for accumulation									
	C02010197	020	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C04010198	040	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C08010199	080	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C12010200	120	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C16010201	160	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C20010202	200	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C25010202	250	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C30010202	300	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C40010202	400	TPU	green	1,30 mm	x	x	-15 °C	80 °C
	C050010202	500	TPU	green	1,30 mm	x	x	-20 °C	100 °C
	C060010202	600	TPU	green	1,30 mm	x	x	-20 °C	100 °C
	C070010202	700	TPU	green	1,30 mm	x	x	-20 °C	100 °C
	C080010202	800	TPU	green	1,30 mm	x	x	-20 °C	100 °C
	C100010202	1000	TPU	green	1,30 mm	x	x	-20 °C	100 °C
PVC coating			PVC		2,10 mm	x	-	-10 °C	70 °C
	C04010203	40	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C08010203	80	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C12010203	120	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C16010203	160	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C20010203	200	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C25010203	250	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C30010203	300	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C40010203	400	PVC	anthracite	1,65 mm	x	-	-5 °C	70 °C
	C050010203	500	PVC	anthracite	1,90 mm	x	-	-10 °C	70 °C
	C060010203	600	PVC	anthracite	1,90 mm	x	-	-10 °C	70 °C
	C070010203	700	PVC	anthracite	1,90 mm	x	-	-10 °C	70 °C
	C080010203	800	PVC	anthracite	1,90 mm	x	-	-10 °C	70 °C
	C100010203	1000	PVC	anthracite	1,90 mm	x	-	-10 °C	70 °C
PVC belt	option		PVC	green	2,00 mm	x	-	-10 °C	70 °C
Belt for inclined conveyor	option		PVC	black	2,50 mm	x	-	-10 °C	60 °C
PET belt for accumulation	option		PET	white	0,90 mm	x	x	-30 °C	80 °C
	option		PA	grey	0,90 mm	-	-	-30 °C	80 °C
Silicone belt	option		SI	white	1,00 mm	-	x	-30 °C	80 °C
	option		SI	white	0,90 mm	-	x	-30 °C	100 °C
Silicone belt able to withstand exteme temperatures	option		SI						
	option		SI						
PU belt	option		TPU		1,70 mm	x	-	-30 °C	80 °C
	option		TPU	white	1,30 mm	x	x	-30 °C	80 °C
	option		TPU	white	1,60 mm	x	x	-30 °C	80 °C
Abrasion-resistant rubber belt	option		NBR	green	1,50 mm	x	-	0 °C	80 °C
	option		NBR	green	2,00 mm	x	-	0 °C	100 °C
	option		PUR	green	1,20 mm	x	-	-20 °C	100 °C

Motorizations

x Gear motor 24 VDC:
Power: 0,037 KW
Maxi current : 2,5 A
IP 65

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

x Gear motor 230-400 V tri 50 Hz :
Power: 0,09 KW
Maxi current: 0,4 A
IP 54

x Gear motor 230-400 V tri 50 Hz :
Power: 0,25 KW
Maxi current: 0,83 A
IP 54

Other motors on request.

Frequency inverter

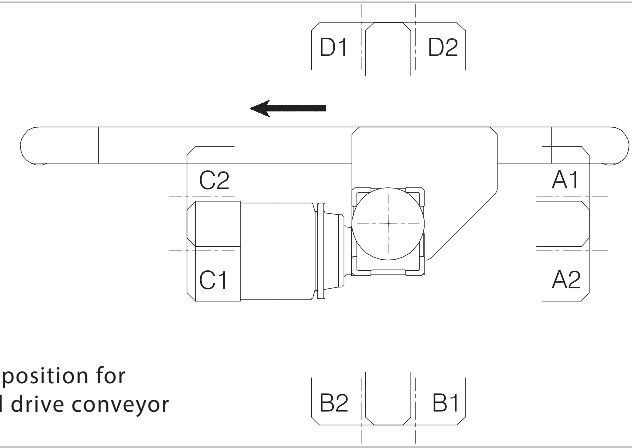
x Reference C000 30 001
for 100 W maximum.

x Reference C000 30 002
for 400 W maximum.

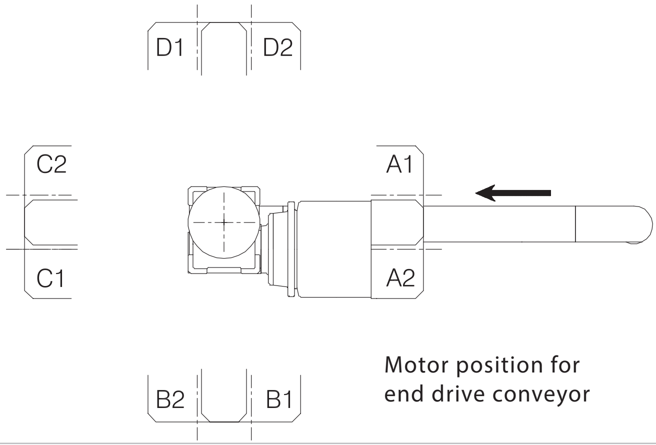
x Power supply 230 V single-phase
50 Hz output 230 V 400 three-phase.

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

x Possible use of motor with forced
draught.

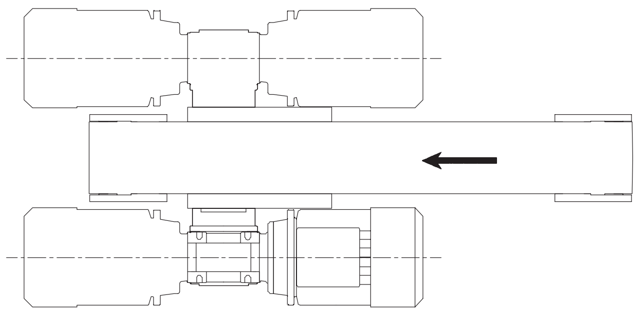


Motor position for
central drive conveyor



Motor position for
end drive conveyor

Motor on the right



Motor on the left

ACCESSORIES

Extremity Ø 21 mm
Conveyor 40

Technical data
Enables to decrease the radius in end of the conveyor 40.
Particularly adapted for passing small components between two conveyors.

L = entraxe de convoyeur

L = conveyor center distance

L for end drive conveyor:

2 x L + 119,5

L for central drive conveyor + 1 extremity:

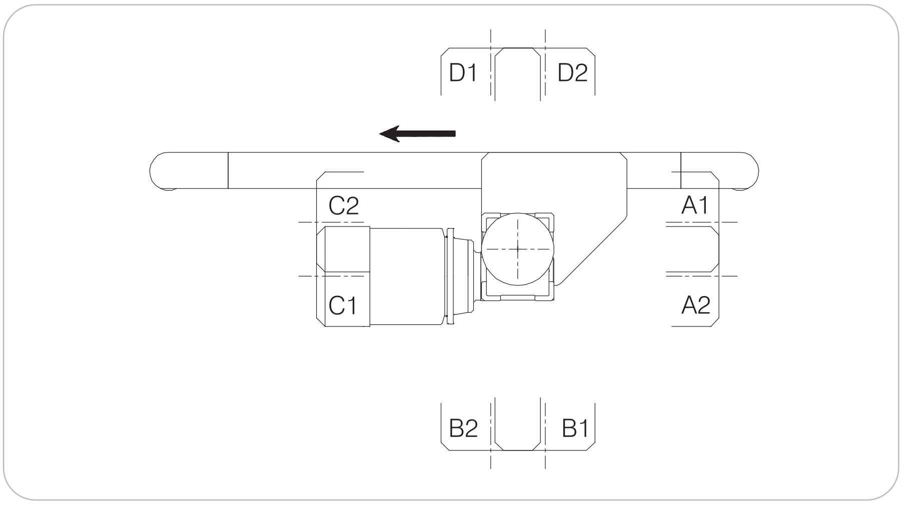
(2 x L + 342) x 0,995

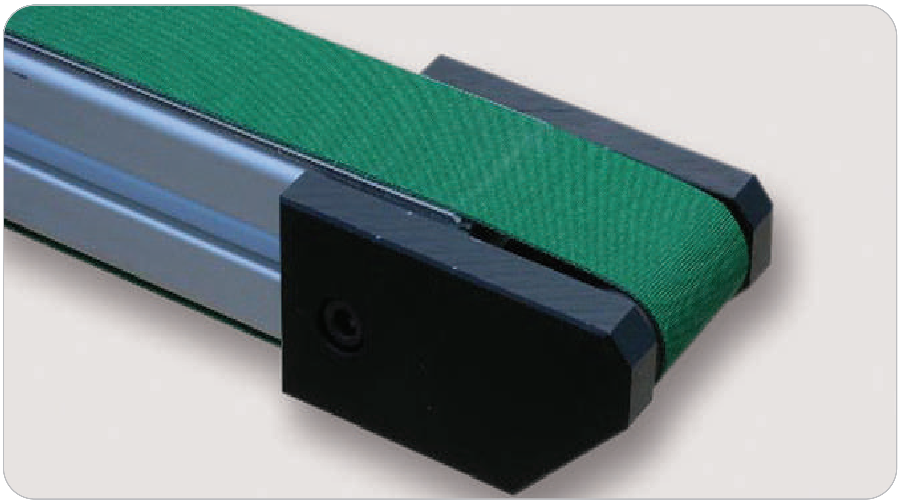
L for central drive conveyor + 2 extremities:

(2 x L + 324,5) x 0,995

Dimensions (mm)
- Width A: 40 - 80 -120 - 160 - 200 - 250 - 300 - 400

Installation tension: 0,5 % maxi



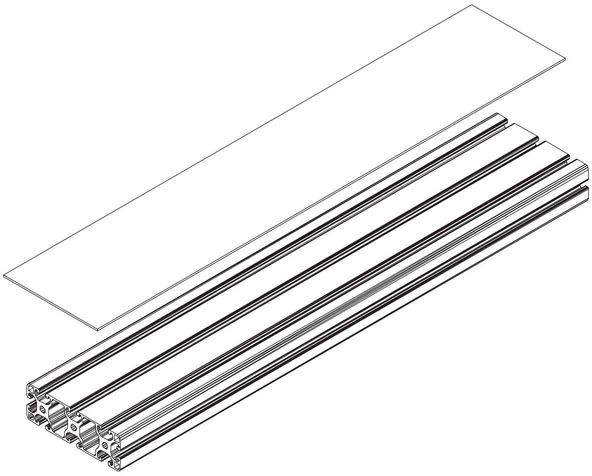


Product description/Dimensions	Order unit	Reference
Extremity for width 40	1 pce	C 040 30 000
Extremity for width 80	1 pce	C 080 30 000
Extremity for width 120	1 pce	C 120 30 000
Extremity for width 160	1 pce	C 160 30 000
Extremity for width 200	1 pce	C 200 30 000
Extremity for width 250	1 pce	C 250 30 000
Extremity for width 300	1 pce	C 300 30 000
Extremity for width 400	1 pce	C 400 30 000

Plates
Conveyors 40 and 90

Plates for conveyor 40

The structure of flat belt conveyors is made of 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.

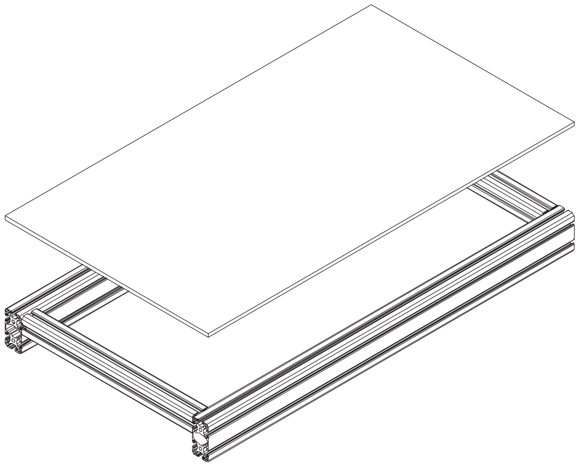


Plates for conveyor 90

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

Several types are possible:

- Compact laminate 8 mm
- Stainless steel 2 mm

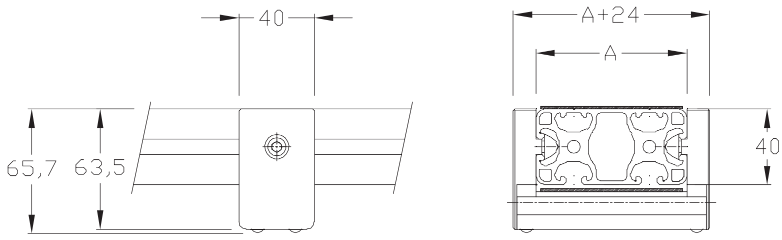


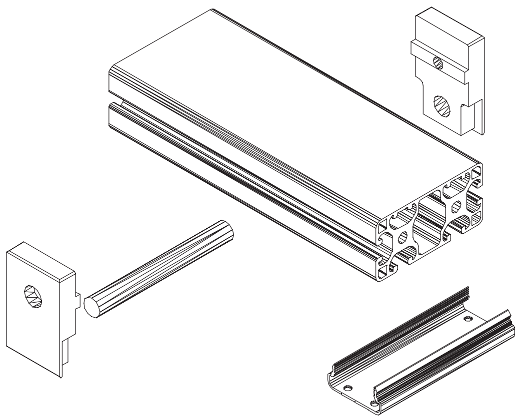
Lower belt support
Conveyor 40

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

Dimensions (mm)

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





Product description/Dimensions	Order unit	Reference
Lower belt support width 40	1 pce	C 040 60 000
Lower belt support width 80	1 pce	C 080 60 000
Lower belt support width 120	1 pce	C 120 60 000
Lower belt support width 160	1 pce	C 160 60 000
Lower belt support width 200	1 pce	C 200 60 000
Lower belt support width 250	1 pce	C 250 60 000
Lower belt support width 300	1 pce	C 300 60 000
Lower belt support width 400	1 pce	C 400 60 000

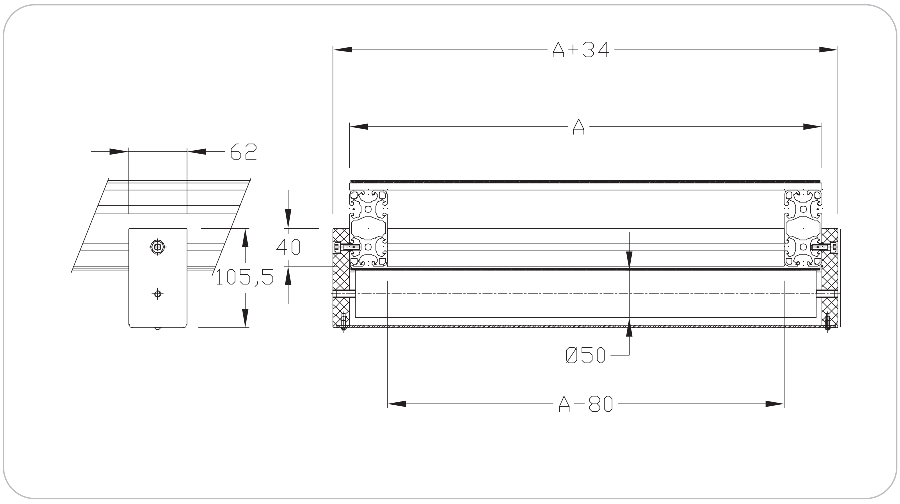
Lower belt support
Conveyors 80 and 90

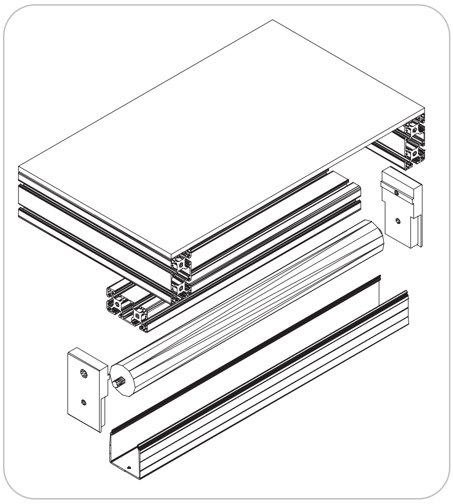
Technical data

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

Conveyor 80
Modular width

Conveyor 90
Width A: 500 - 600 - 700 - 800 - 1000 mm





Product description/Dimensions	Order unit	Reference
Lower belt support Conveyor 90 width 500	1 pce	C 0500 20 000
Lower belt support Conveyor 90 width 600	1 pce	C 0600 20 000
Lower belt support Conveyor 90 width 700	1 pce	C 0700 20 000
Lower belt support Conveyor 90 width 800	1 pce	C 0800 20 000
Lower belt support Conveyor 90 width 1000	1 pce	C 1000 20 000
Lower belt support Conveyor 80	1 pce	C XXXX 20 000

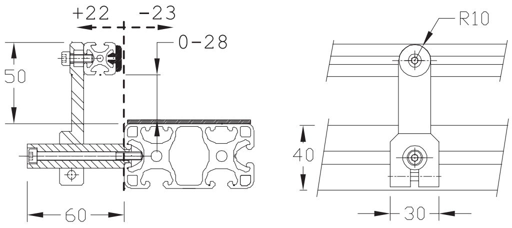
(XXXX = Width A of conveyor)

Lateral guides

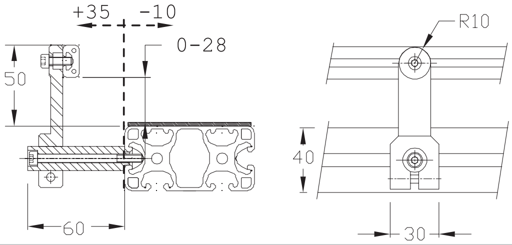
Technical data

Several types of lateral guides are available in standard version.

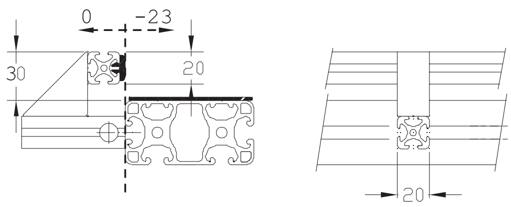
Special lateral guides on request.



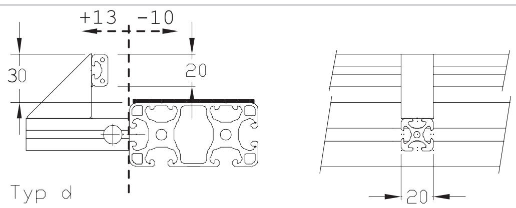
Type a



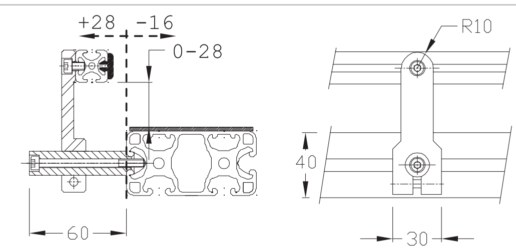
Type b



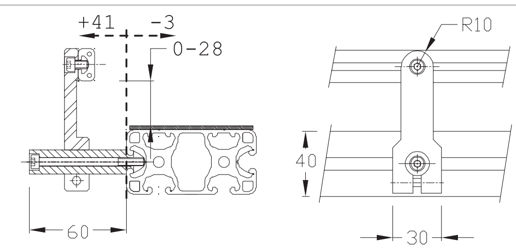
Type c



Type d

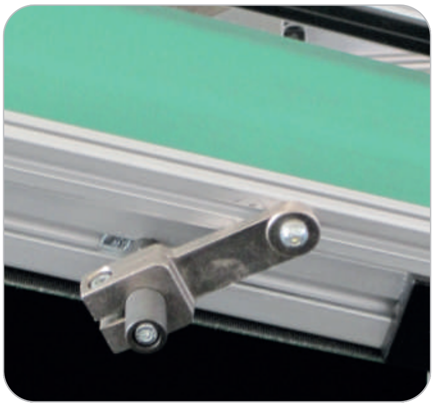


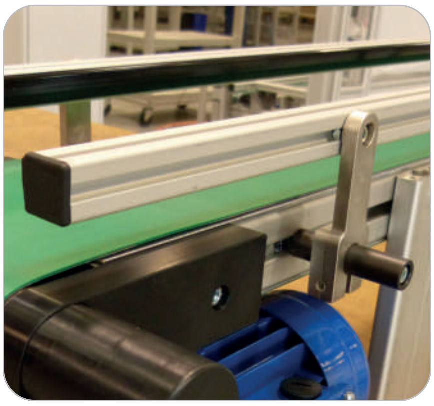
Type e

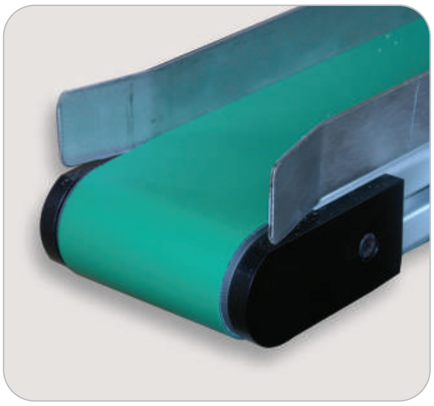


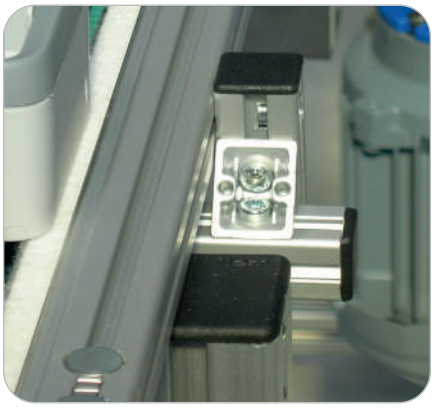
Type f

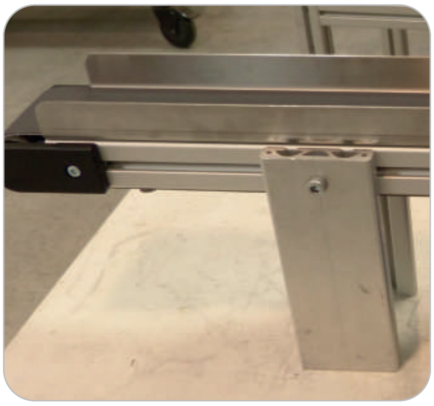
Examples of lateral guides

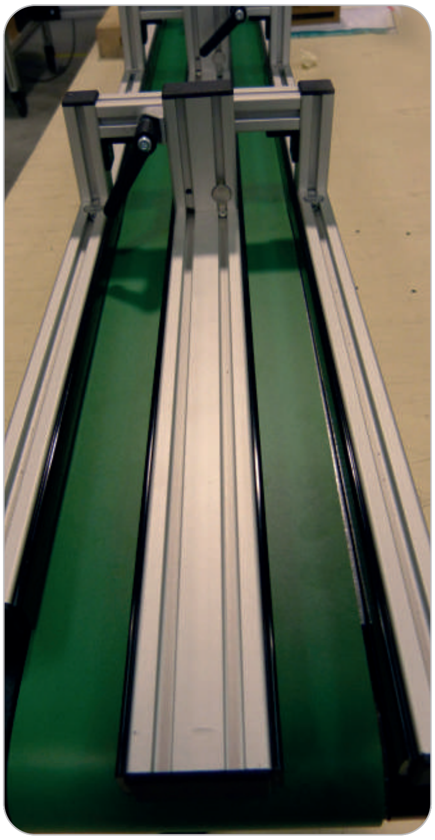

Type a


Type e


Several special solutions for lateral guides.







Conveyor stands
Type A - Type B - Type C

Technical data

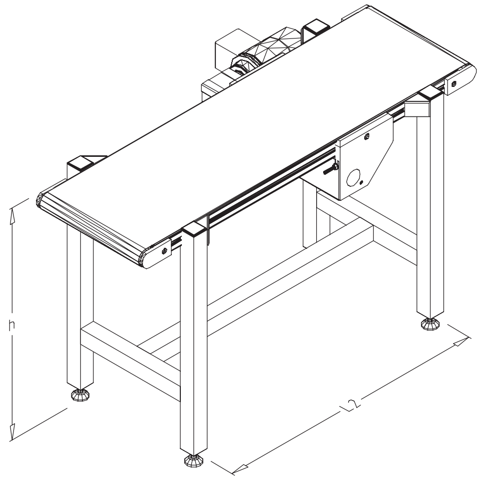
Support to limit sagging of the belt underneath on long conveyors.

Dimensions (mm)

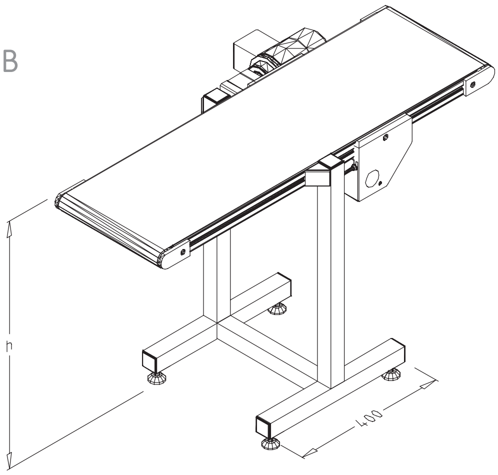
L2 max = 1 500

We can supply standard feet or feet to suit your application, mounted on conveyors.

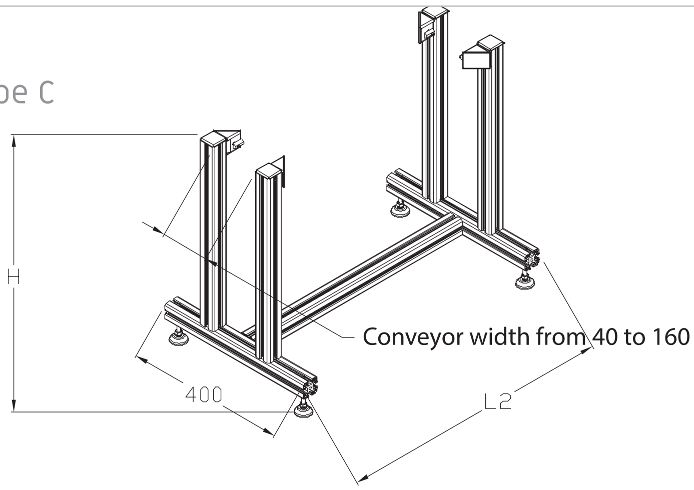
Type A



Type B



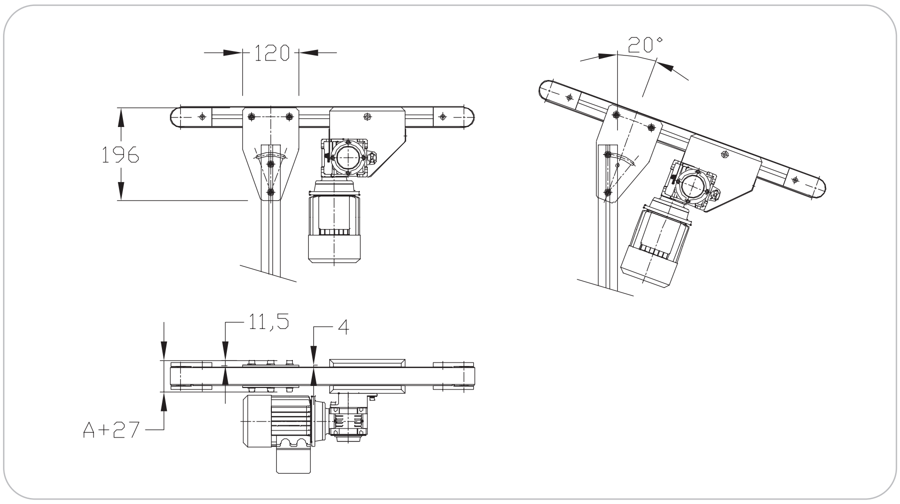
Type C



Fastening plate

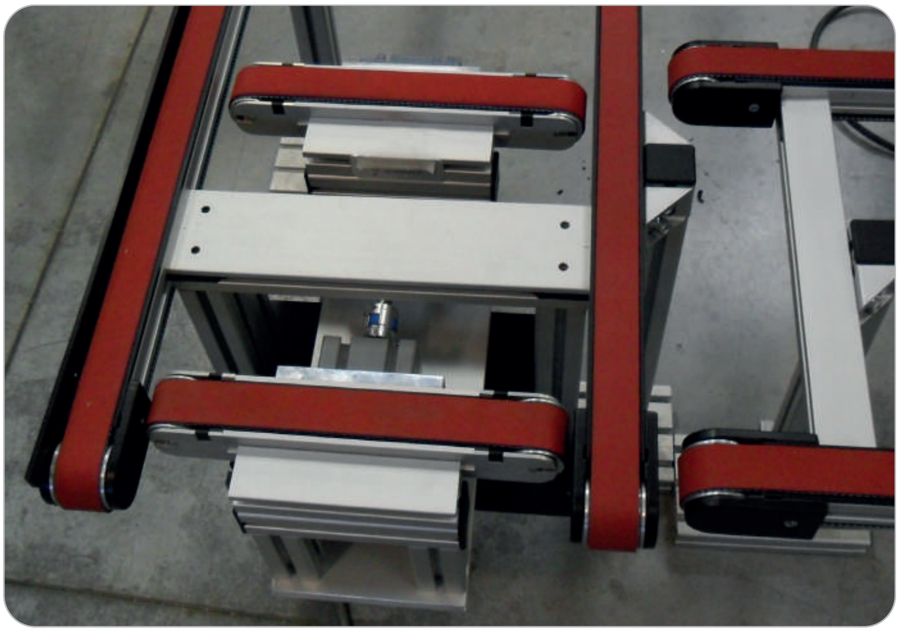
Technical data
Easy assembly of inclinded conveyors.
Stainless steel sheet thickness 4 mm.

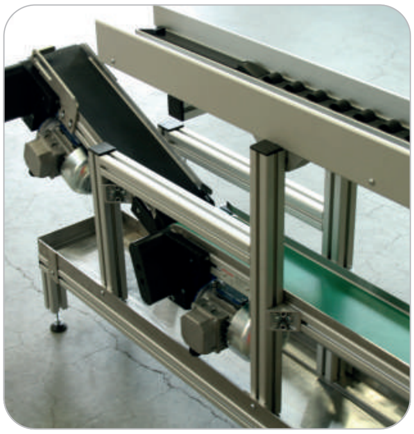
Set including:
- 1 stainless steel plate
- 4 T-Slot nuts 8 St M8
- 4 screws M8

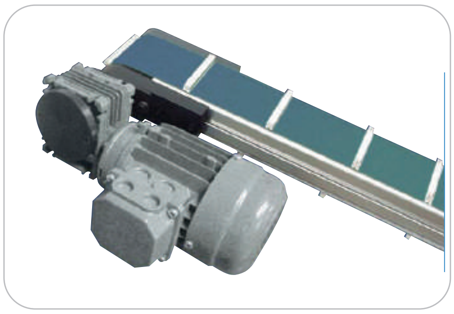


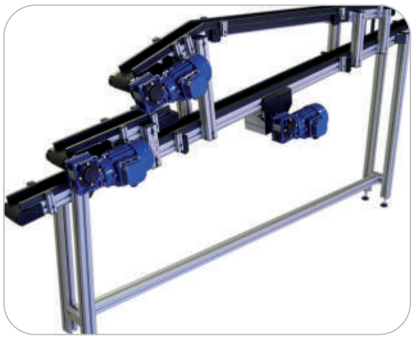
Product description/Dimensions	Order unit	Reference
Fastening plate	1 pce	C 000 10 012

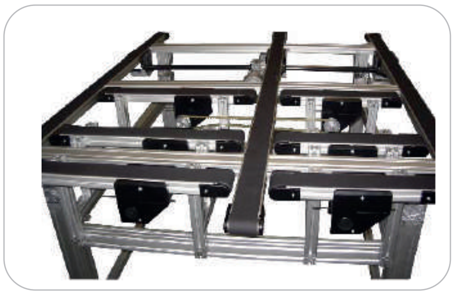
Applications

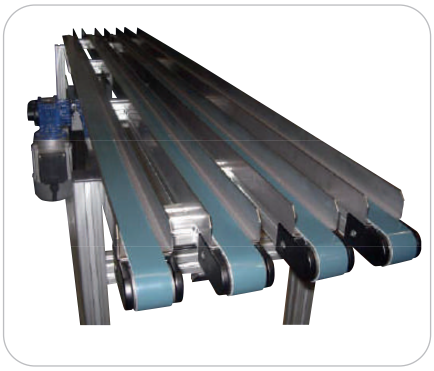


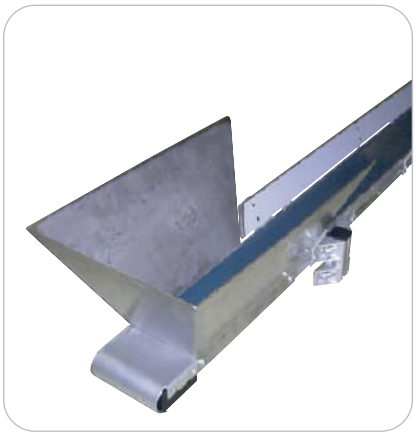


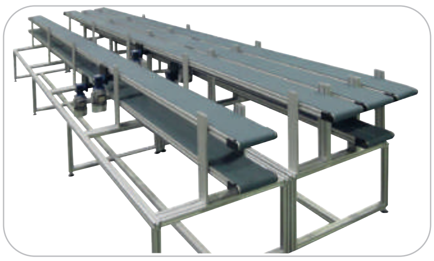


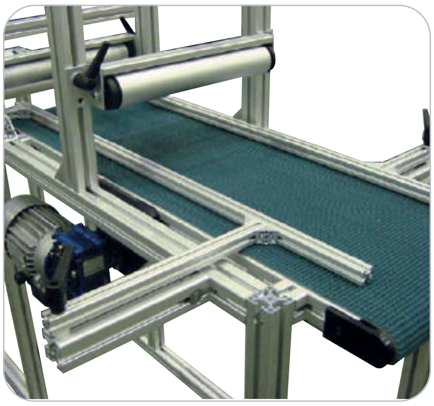




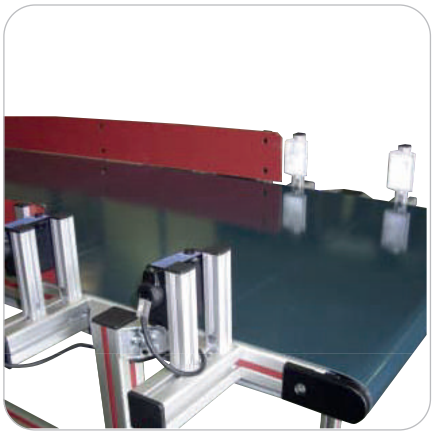


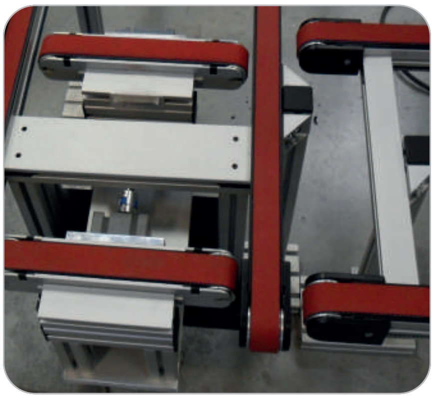
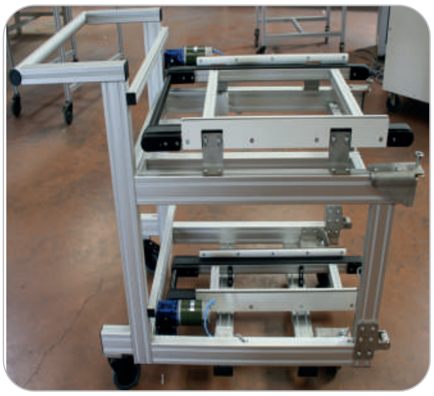




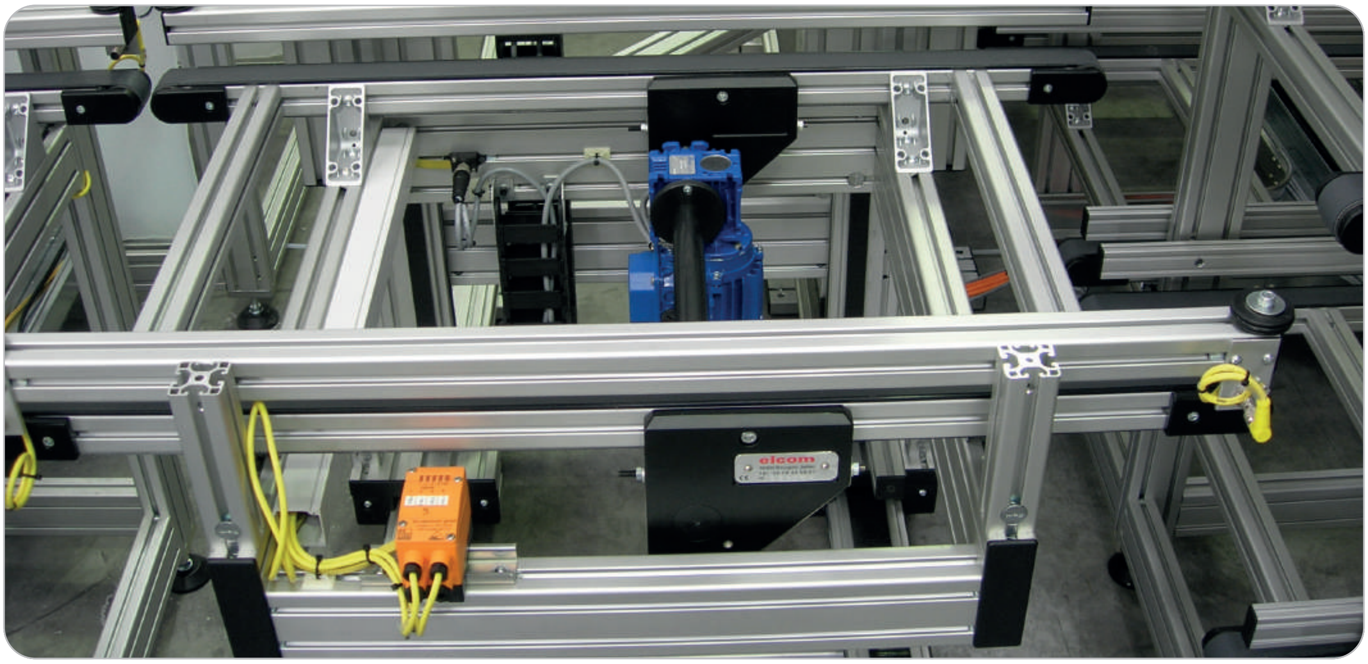



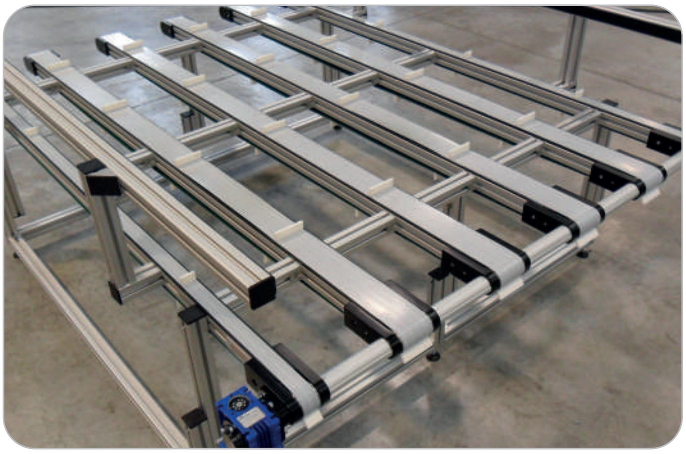




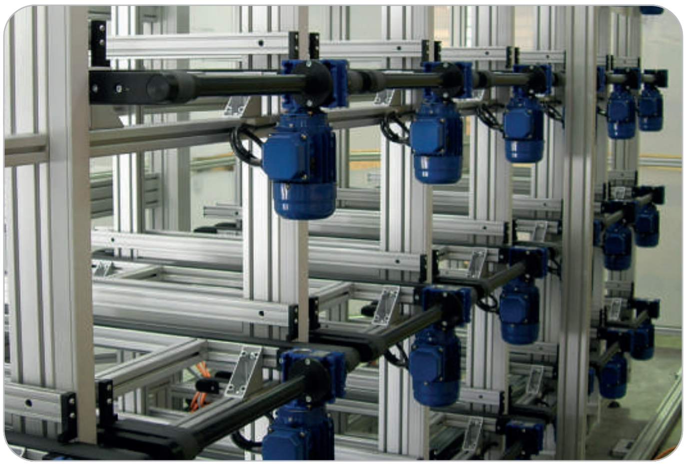



Special double belt conveyor with central drive





Multiple double belt conveyors
with timing belt drives



Double belt conveyor in a high
complete automated storage

Notes

Conveyor determination sheet

Customer :	Distributor:
No.	Elcom Contact:
Contact:	Quotation No.:
Customer order No.:	Order No.:
	Conveyor No.:

TYPE	C 000

Environment:

Carried part:

Carried load (kg): No. Of parts: Accumulation : T° : °C

Conveyor width: mm ☐ Non std width: mm

Single / Double : Space between axes E: mm

Drive:

Extremity ø21:

Conveyor length L: mm Belt type:

Belt:

Other belt:

Stainless steel plate: Number of strand carrier:

Gear motor: Other:

Standard speed: m/min Other: m/min

Motor position (R/L): Position moteur (T/P) :

Motor position: L1 : mm

Foot: Number of feet:

Height: mm Distance between external feet L2: mm

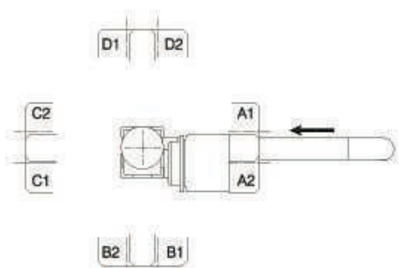
Other (drawing ref.):

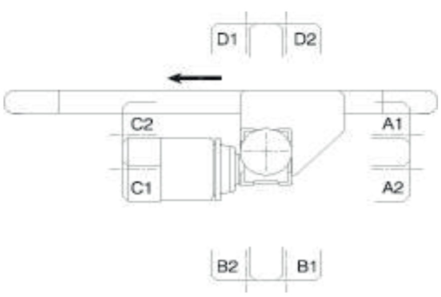
Lateral guide: Number of carrier: 0

Length: mm

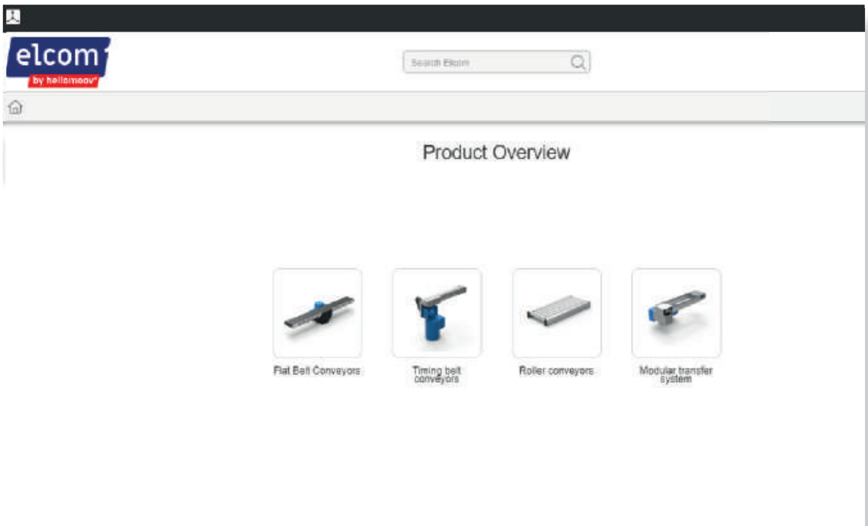
Other (drawing ref.):

Comments:



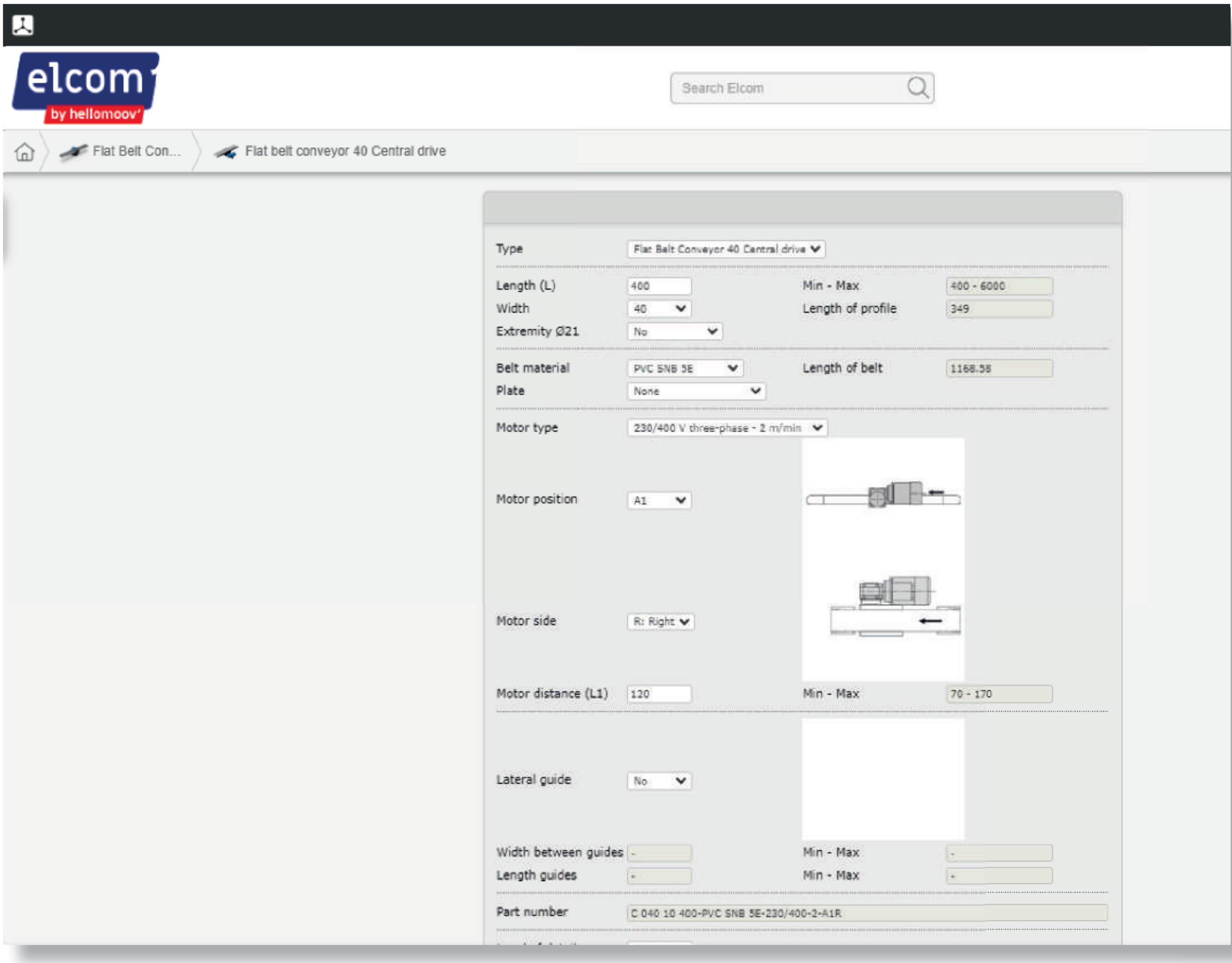


Our website www.elcom.fr offers the possibility of configuring yourself on-line the conveyor corresponding to your needs.



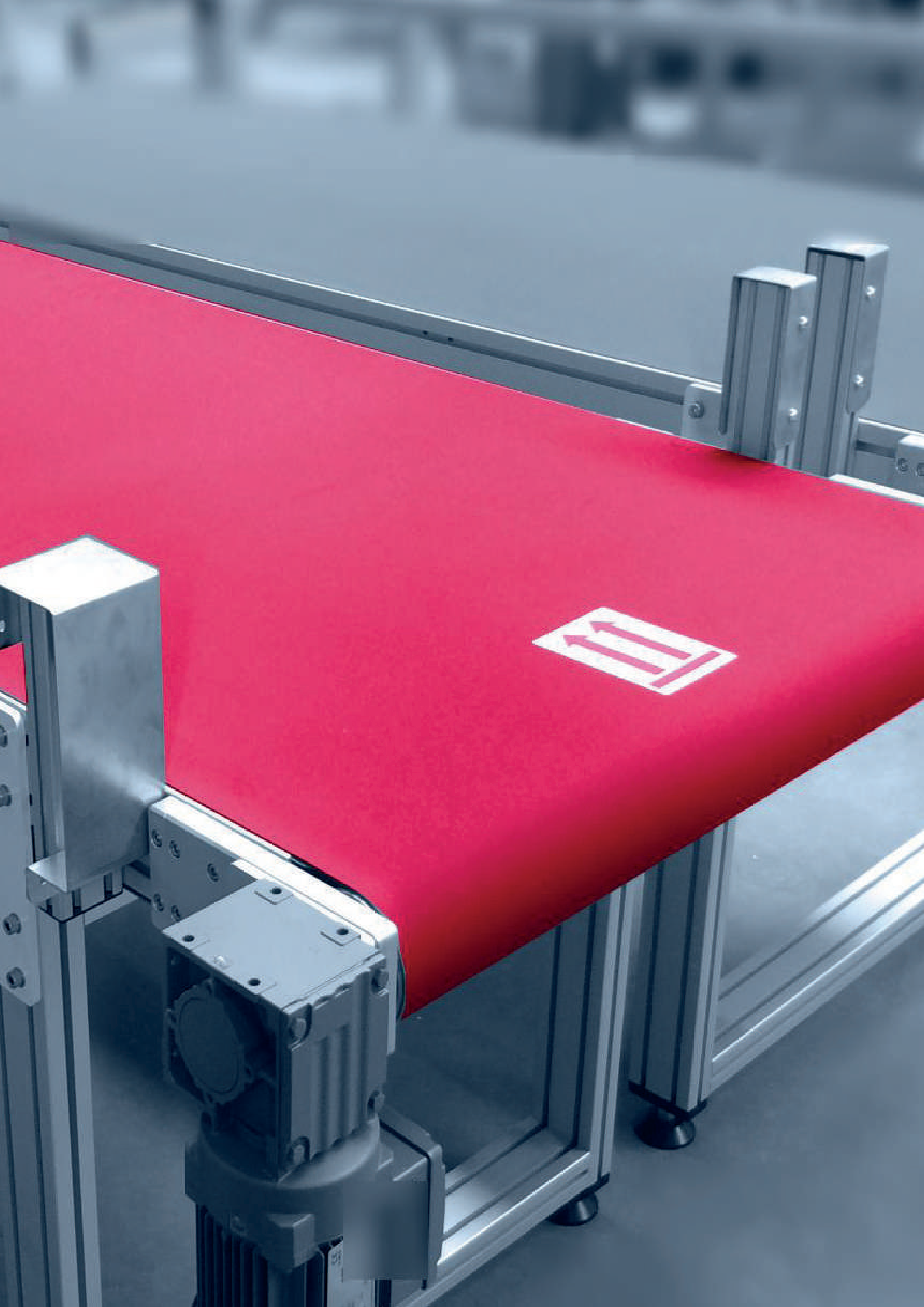
Downlaod the requested solutions in CAD 2D-3D format.

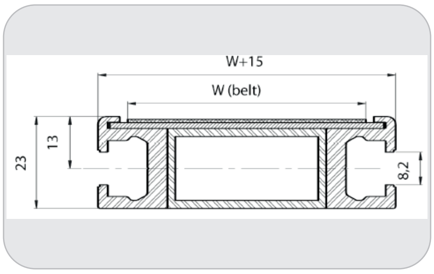
All 2D-3D CAD files are downloadable from our website.



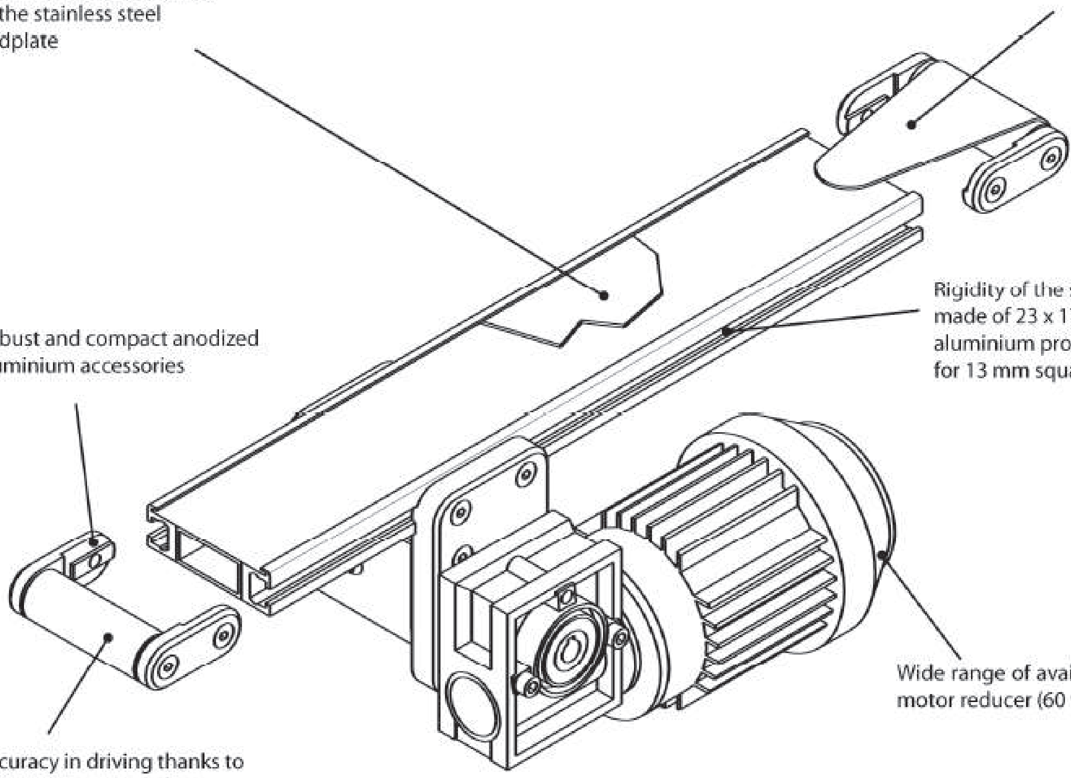
CAD

CONVEYORS TB 24 - TB 50 - TB 90



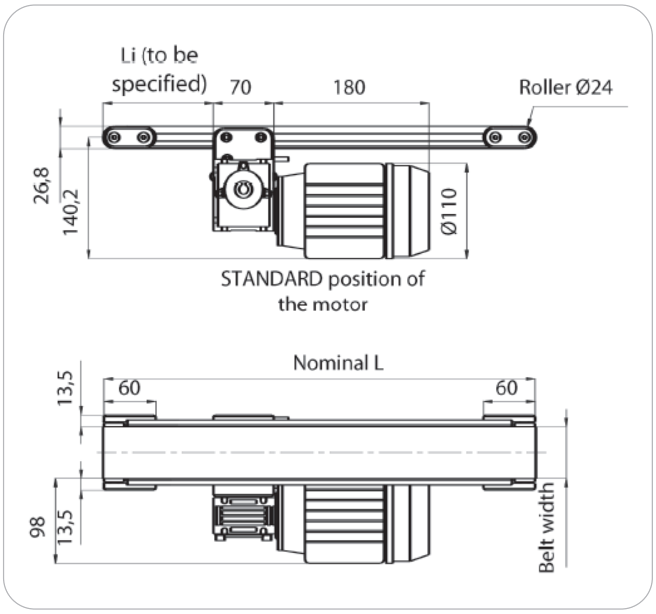


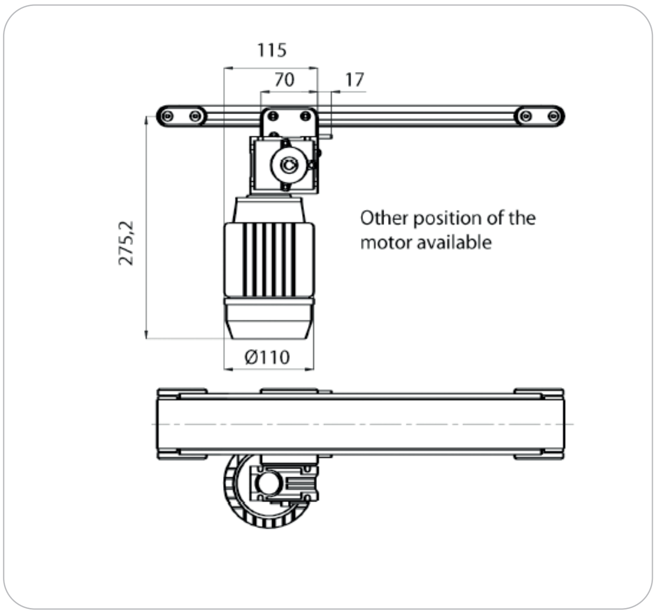
Conveyor TB 24



Type de bande	Réf.	Ep. (mm)	⚡	T_{adm}	FDA	**Utilisation**
PU lisse (verte)	**PUBA**	0,8	oui	100°C	non	Transport, inclinaison limitée à 5°, accumulation possible
PU « **alimentaire** » (blanc)	**PUAL**	0,8	non	100°C	oui	

Autres nuances sur demande expresse





MOTOVARIO motor reducer	BELT WIDTH (mm)				
	20	40	60	80	100
Intermediate Drive	2442	2444	2446	2448	2440
PUBA belt	2472	2474	2476	2478	2470
PUAL belt	2462	2464	2466	2468	2460

Overall maxi. length: **6000 mm**

« STANDARD » SPEEDS									
Motor reducer ratio	*I=60*	*I=50*	*I=40*	*I=30*	*I=20*	*I=15*	*I=10*	*I=7,5*	*I=5*
Speed of the belt (m/min)	**1,8**	**2,2**	**2,7**	**3,6**	**5,4**	**7,2**	**10,9**	**14,5**	**21,7**
Reference to be ordered	2400	2401	2402	2403	2404	2405	2406	2407	2408

IMPORTANT : consider the indicated speeds (m/min) with a precision of +/- 10 % at the 50 Hz frequency (current supply).
The use of a frequency inverter allows to select a range of speed between 50 % and 150 % of the nominal value indicated at 50 Hz.

DETERMINATION SHEET	**TB24**	Salesman	

Customer	
Project	
Date	
Offer	

Delivery date	
Address Zip code City	
Contact	
Mobile	
Email	

Scope of supply

- ☐ Fully assembled
- ☐ Assembly on client site
- ☐ Carriage prepaid

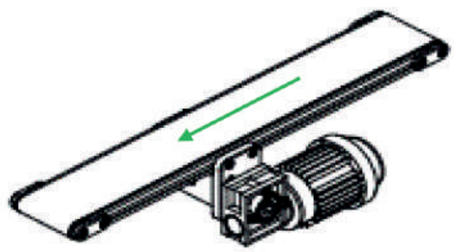
Document to be provided (O=offer ; P=product ; X=O+P)

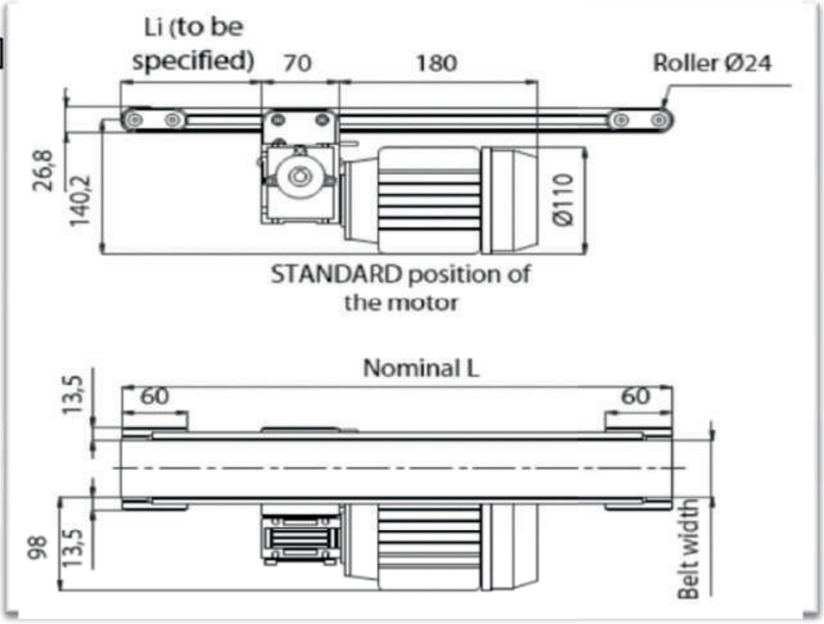
- ☐ None
- ☐ Drawing
- ☐ Part list
- ☐ Mounting lay-out
- ☐ Other documents

Maxi load above conveyor: ______ Kg Weight of product: ______ Kg

Dimensions

Total length: ______ mm





Mechanical drive

- ☐ Intermediate
- ☐ "Li" dimension= ______ mm

Belt width (mm):

20	40	60	80	100
☐	☐	☐	☐	☐
2442	2444	2446	2448	2440

Motor position

- ☐ Vertical motor
- ☐ Horizontal motor

Speed in m/min

1.8	2.2	2.7	3.6	5.4	7.2	10.9	14.5	21.7
☐	☐	☐	☐	☐	☐	☐	☐	☐
2400	2401	2402	2403	2404	2405	2406	2407	2408

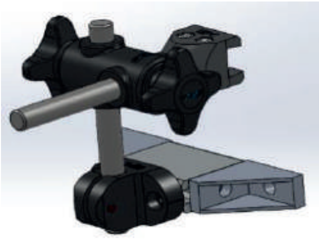
Type of belt

	20	40	60	80	100
☐ Basic PU (green)	☐	☐	☐	☐	☐
	2472	2474	2476	2478	2470
☐ Food quality PVC (white)	☐	☐	☐	☐	☐
	2462	2464	2466	2468	2460

Leg set

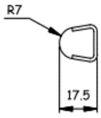
Distance from floor to top of belt ______ mm   Adjustment +/- ______ mm

Side guiding

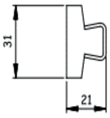


☐ Adjustable **3700-TB24**

☐ Guide Profile **1219**



☐ Guide profile **1498**



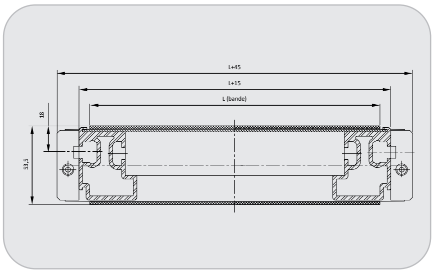
Control box

☐ Control box direct start
3-phase **3710**

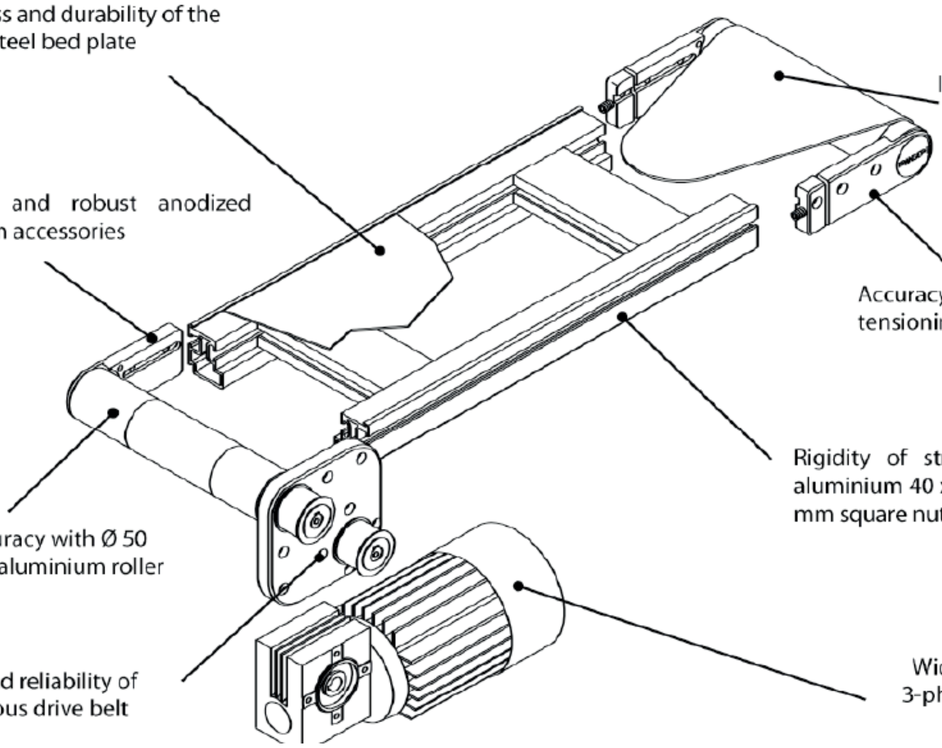
☐ Control box power 230V
Monophase **2831-SP01**

☐ Control box power 400V
3-phase **2831-SP01-380**

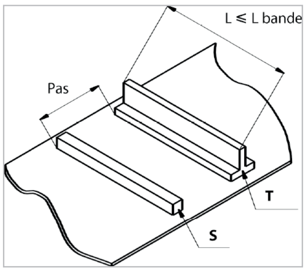
Additional information / Option / Type of functioning / Accumulation?



Conveyor TB 50

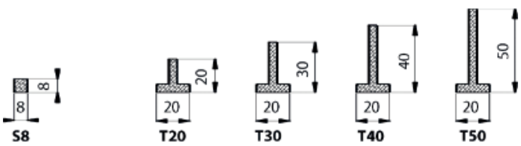


SLATS



Direct drive only (for shifted drive, please contact us).

IMPORTANT : only **PUBA** belt may accept slats. Please, indicate pitch or slat number. Prefer **ODD** number.



Available belts	Ref.	TH. (mm)	⚡	TMAX	FDA	**Application**
Low grip **PVC** (black)	**PVCL**	1,8	Yes	60°C	No	Transportation (α up to 5°), accumulation is possible
High grip **PVC** (dark green)	**PVCA**	2,5	Yes	60°C	No	Transportation (α up to **30°**), accumulation is **impossible**
"Food quality" PVC (white)	**ALIM**	2,0	No	60°C	Yes	Transportation (α up to 10°), accumulation is allowed
Smooth **PU** (dark green)	**PUBA**	1,4	Yes	100°C	No	Transportation (α up to 5°), accumulation is possible
PU heavy duty (green)	**PUAD**	2,3	Yes	100°C	No	Transportation (α up to 10°), accumulation is allowed
Other belts (translucent, high temperature, ...) on special request						

The nominal lengths of the belt conveyor are shown in a non-tensioned state (except in the case of the intermediate drive).

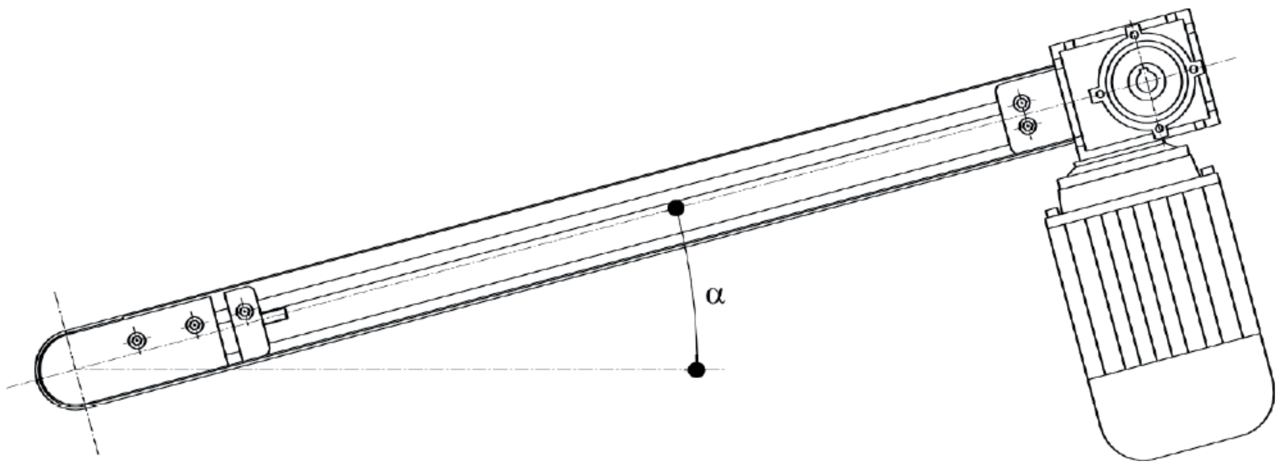
Initial tensioning of the belt during assembly will result in an increase in length of 0.5 % will be observed (i.e. 5 mm every conveyor meter).

With maximum tension applied to the belt, an increase in length of 0,5 % will be observed (i.e. 5 mm every conveyor meter).

Overall maimum length: 6000 mm (bigger on special request).

Allowable loading from 40 kg to 100 kg according to conveyor width.

Speed and inclination: please contact us.



MOTOVARIO motorization (SEW: please contact us)		BELT WIDTHS (mm)						
		70	100	150	200	300	400	500
Direct drive	**Right**	3070	3100	3150	3200	3300	3400	3560
	Left	3071	3101	3151	3201	3301	3401	3561
Shifted drive	**Right**	3080	3110	3160	3210	3310	3410	3570
	Left	3081	3111	3161	3211	3311	3411	3571
Intermediate drive		3090	3120	3170	3220	3320	3420	3580

Conveyor TB 50

"STANDARD" SPEEDS (SEW: please contact us)									
180 W *motor reducer ratio*	*I=50*	*I=40*	*I=30*	*I=25*	*I=20*	*I=15*	*I=10*	*I=7,5*	*I=5*
Belt speed (m/min)	**5**	**6**	**8**	**10**	**12**	**16**	**24**	**32**	**48**
Order reference	3505	3506	3508	3510	3512	3516	3524	3532	3548

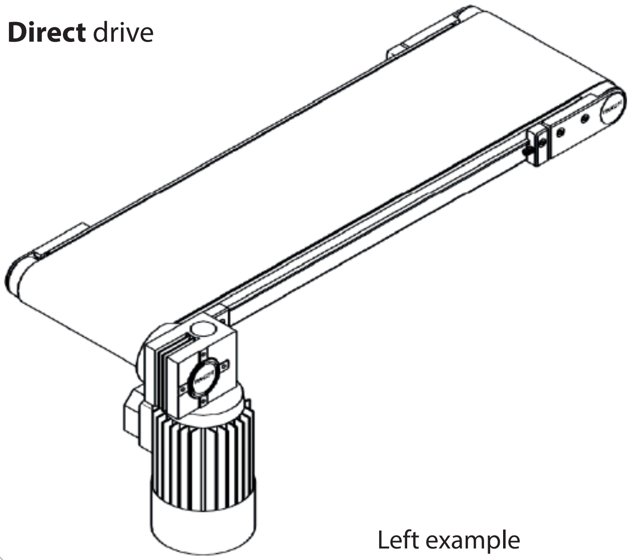
"LOW" SPEEDS (SEW: please contact us)		
90 W *motor reducer ratio*	*I=80*	*I=60*
Belt speed (m/min)	**3**	**4**
Order reference	3503	3504

"VERY LOW" SPEEDS (SEW: please contact us)					
90 W *motor reducer dual ratio*	*I=500*	*I=250*	*I=150*	*I=125*	*I=100*
Belt speed (m/min)	**0,5**	**1**	**1,5**	**2**	**2,5**
Order reference	3496	3497	3498	3499	3500

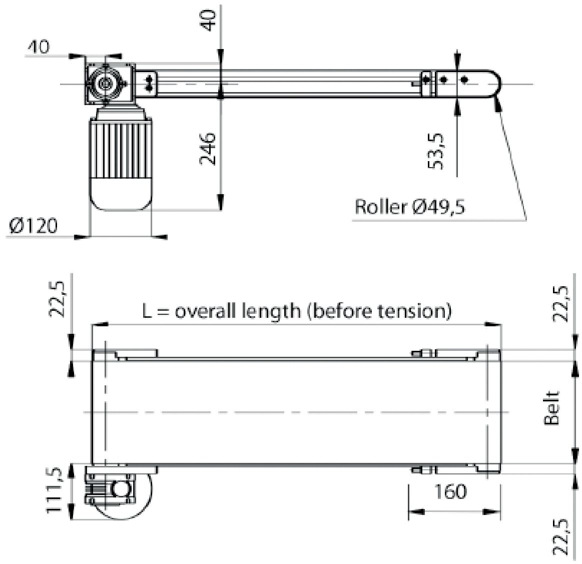
FREQUENCY INVERTER (input: 240 V single-phase)			
Nominal power	**180 W**	**370 W**	**750 W**
Order reference	3000	3001	3002

IMPORTANT : consider the indicated speeds (m/min) with a precision of +/- 10 %, at the 50 Hz frequency (current supply). The use of a frequency inverter allows to select a range of speed between 50 % and 150 % of the nominal value indicated at 50Hz.

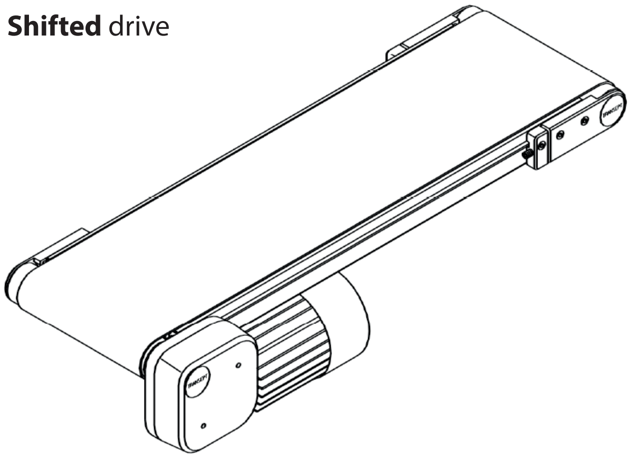
Direct drive



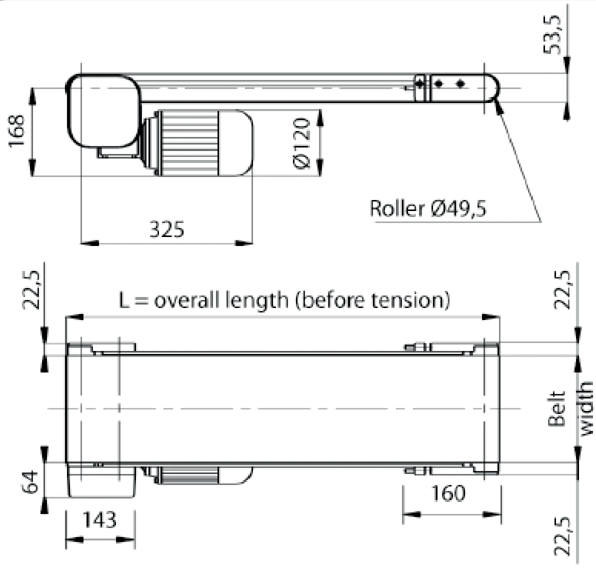
Left example



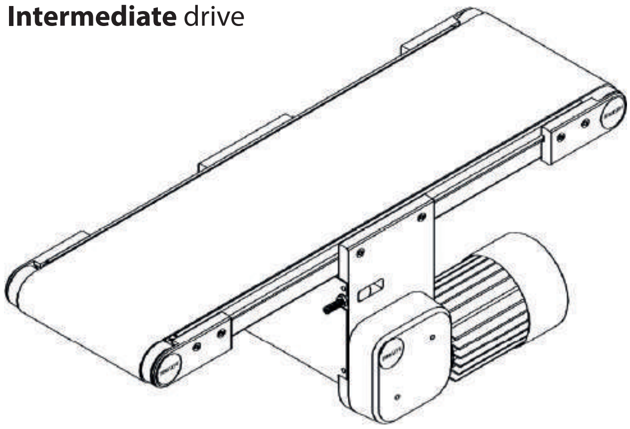
Shifted drive

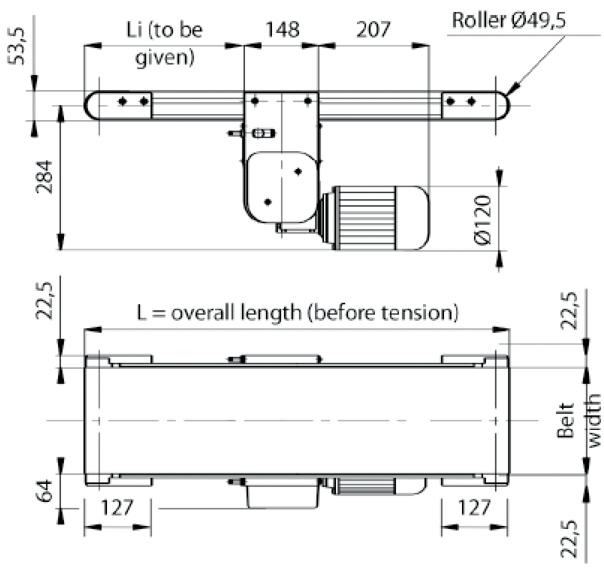


Left example



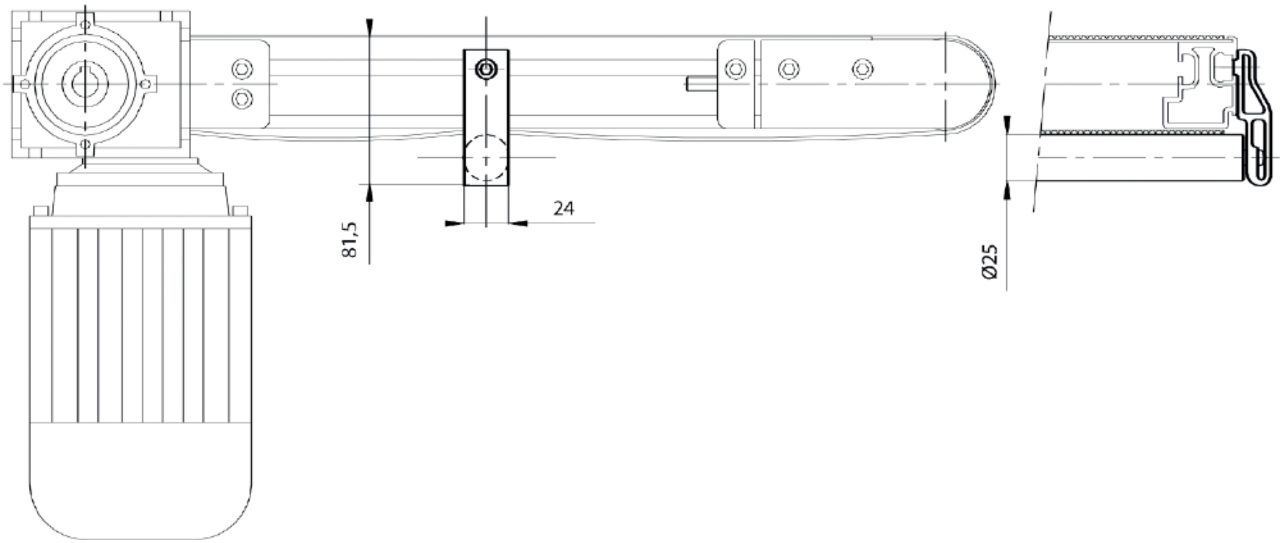
Intermediate drive





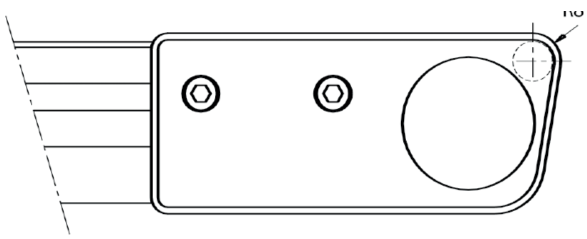
ROLLER SUPPORT

To be used from L=2500 mm and at intervals of 2000 mm.
Specific supports will be used on a belt with slats (slat L<belt W).



KIT EXTREMITY KNIFE

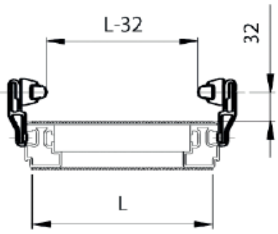
IMPORTANT: the knife end must be used only with **PUBA** belt (PU flat), it is not compatible with slats.

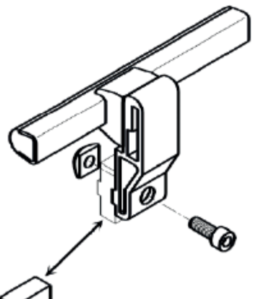


References	BELT WIDTHS (mm)								
	70	100	150	200	250	300	400	500	600
Support roller	3075	3105	3155	3205	3255	3305	3405	3565	3107
Knife end	3606	3613	3618	3623	3624	3633	3643	3653	3665

LATERAL SLIDE GUIDE PROFILE

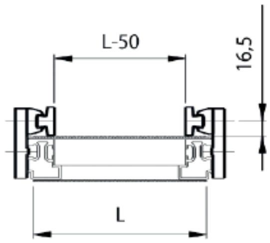
Non adjustable type
Reference **3050**

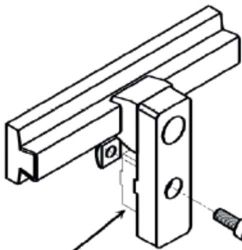




Wedge +10 mm
Reference **1316**

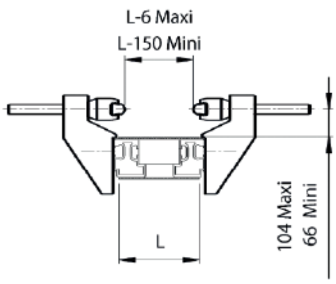
Non adjustable low profile type
Reference **3350**

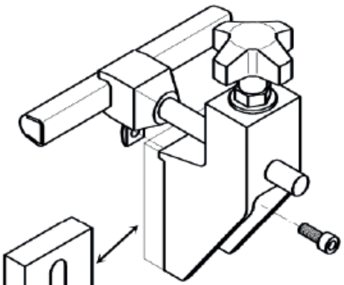




Wedge +10 mm
Reference **1316**

Adjustable type
Reference **3700**

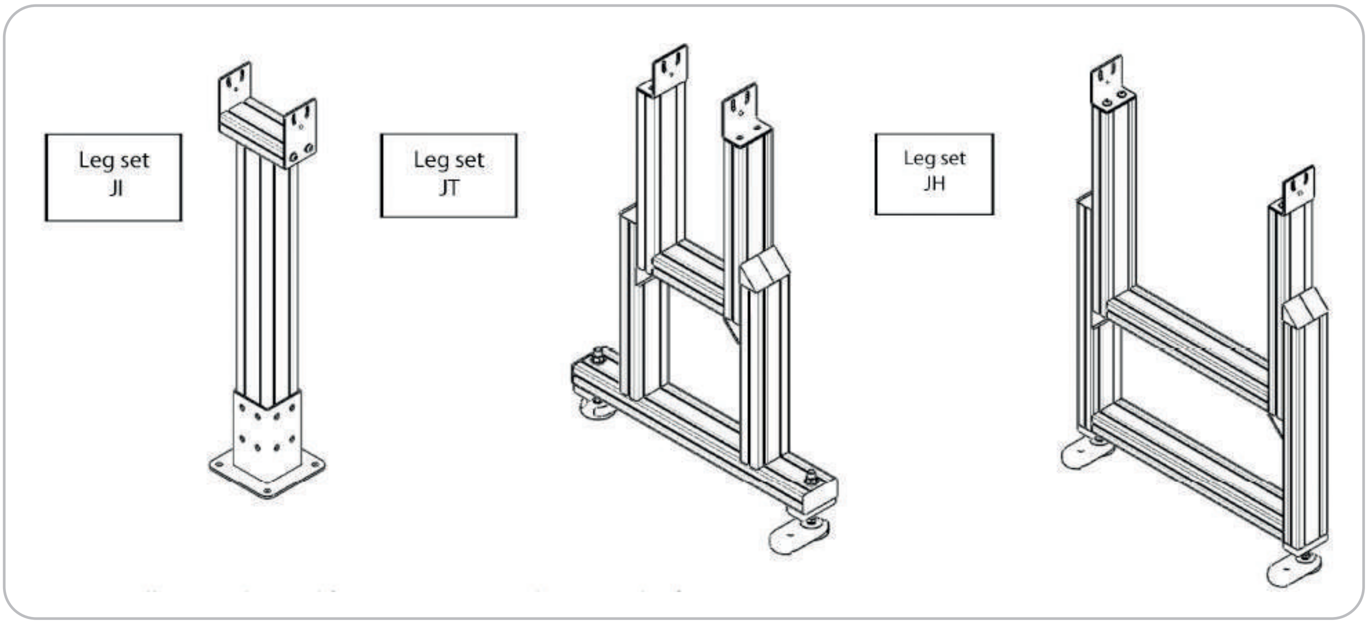




Wedge +10 mm
Reference **1303**

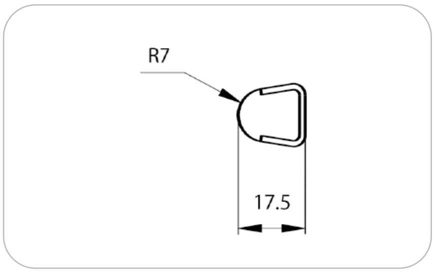
LEG SETS

Aluminium profile 80x40

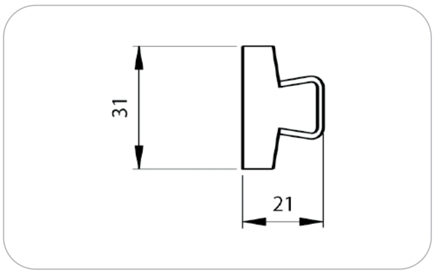


PE / STAINLESS STEEL

Reference 1219



Reference 1498



GROOVE NUT

The tongue keeps the nut in position in vertical grooves.

Packed in bags of 10 pieces.

Square nut	M4	M5	M6	M8
Without tongue	NSCAR8M4	NSCAR8M5	NSCAR8M6	NSCAR8M8
With tongue	NSCL8M4	NSCL8M5	NSCL8M6	NSCL8M8

For leg set nut	M4	M5	M6	M8
¼ turn nut	NS8M4R	NS8M5R	NS8M6R	NS8M8R

DETERMINATION SHEET TB50

Salesman	

Customer	
Project	
Date	
Offer	

Delevery date	
Address	
Zip code	
Town	
Contact	
Mobile	
Email	

Scope of supply

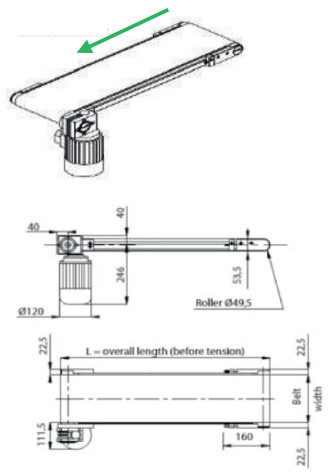
- ☐ Fully assembled
- ☐ Assembly on client site
- ☐ Carriage prepaid

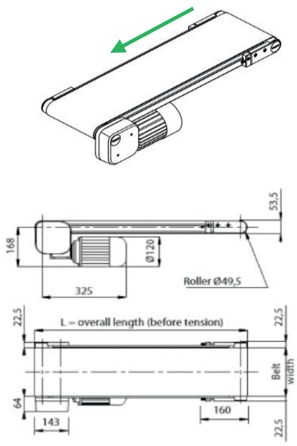
Document to be provided (O=offer ; P=product ; X=O+P

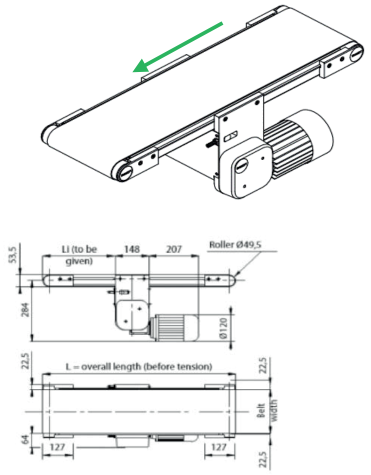
- ☐ None
- ☐ Drawing
- ☐ Part list
- ☐ Mounting lay-out
- ☐ Other document

Maxi load above conveyor: ______ Kg Weight of product: ______ Kg

Dimensions Total length: ______ mm







Type of drive		70	100	150	200	250	300	400	500	600
☐ Direct	Right	3070	3100	3150	3200	3253	3300	3400	3560	3600
	Left	3071	3101	3151	3201	3254	3301	3401	3561	3601
☐ Motor in horizontal position		3068								
☐ Shifted	Right	3080	3110	3160	3210	X	3310	3410	3570	3590
	Left	3081	3111	3161	3211	X	3311	3411	3571	3591
☐ Intermediate	Li dimension=	3090	3120	3170	3220	3225	3320	3420	3580	3592
☐ Support roller (Qty) (every 2 m)		☐ 3075	☐ 3105	☐ 3155	☐ 3205	☐ 3255	☐ 3305	☐ 3405	☐ 3565	☐ 3107
☐ Knife end (0-1-2)		☐ 3606	☐ 3613	☐ 3618	☐ 3623	☐ 3624	☐ 3633	☐ 3643	☐ 3653	☐ 3665
☐ SEW motor reducer		1543								
☐ Drum motor option							5101			

Standard speed m/min	5	6	8	10	12	16	24	32	48
	3505	3506	3508	3510	3512	3516	3524	3532	3548

Low speed m/min	0.5	1	1.5	2	2.5	3	4
	3496	3497	3498	3499	3500	3503	3504

Type of belt

Type of belt	70	100	150	200	250	300	400	500	600
☐ Black slick PVC belt	3061	3010	3091	3020	5252	3030	3040	3051	3660
☐ PVC non-sliding belt	3062	3011	3092	3021		3031	3041	3052	3661
☐ White food PVC belt	3063	3012	3093	3022		3032	3042	3053	3662
☐ Heavy duty PU belt	3064	3013	3094	3023		3033	3043	3054	3663
☐ Standard green PU belt	3065	3014	3095	3024		3034	3044	3055	3664
☐ Other									

Legs

Heightband/ground [mm] Settings +/- [mm]

code example= TB50-070-JI-800

JI

+/-45mm

JT

H1=610/890mm

H2=710/1090mm

H3=850/1350mm

+/-150mm

JH

H1=610/890mm

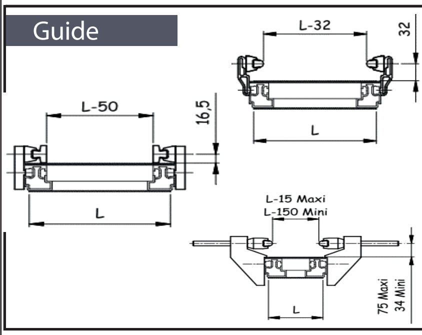
H2=710/1090mm

H3=850/1350mm

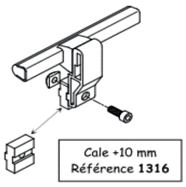
+/-150mm

	TB50-070	TB50-100	TB50-150	TB50-200	TB50-250	TB50-300	TB50-400	TB50-500	TB50-600
JI									
+/-45mm	JI-0800	JI-0800	JI-0800	JI-0800	JI-0800				
			JI-0900						
JT									
H1=610/890mm	JT-H1	JT-H1	JT-H1	JT-H1	JT-H1				
H2=710/1090mm	JT-H2	JT-H2	JT-H2	JT-H2	JT-H2				
H3=850/1350mm	JT-H3	JT-H3	JT-H3	JT-H3	JT-H3				
+/-150mm				JT-825	JT-800				
JH									
H1=610/890mm				JH-H1	JH-H1	JH-H1	JH-H1	JH-H1	JH-H1
H2=710/1090mm				JH-H2	JH-H2	JH-H2	JH-H2	JH-H2	JH-H2
H3=850/1350mm				JH-H3	JH-H3	JH-H3	JH-H3	JH-H3	JH-H3
+/-150mm						JH-850	JH-900	JH-1100	JH-1200
	Z								

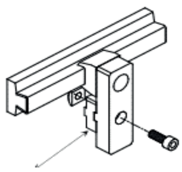
Guide



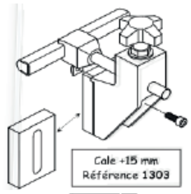
☐ Fixe 3050



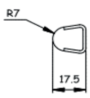
☐ Fixe flush 3350



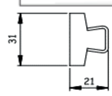
☐ Adjustable 3700



☐ Guide Type 1219



☐ Guide Type 1498



Cale (qtt)

☐ Type 1316 (+10 mm) ☐ Type 1303 (+15 mm)

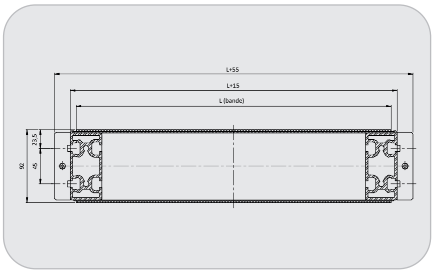
Electrical cabinet

☐ Electrical cabinet with 3-phase direct start 3710

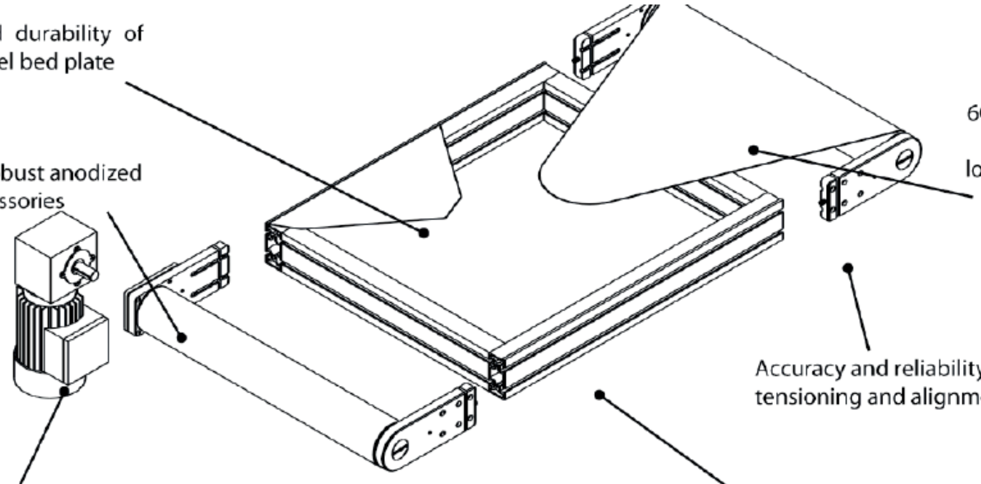
☐ Electric variator 230V Mono 2831-SP01

☐ Electric variator 400V Tri 2831-SP01-380

Additional information / Option / Type of operation / Accumulation?



Conveyor TB 90



Cleanliness and durability of the stainless steel bed plate

Compact and robust anodized aluminium accessories

Belt widths:
600, 800, 1000, 1200 mm
low grip PVC or high grip PVC
food quality PVC
low grip PU
heavy duty PU
others on request

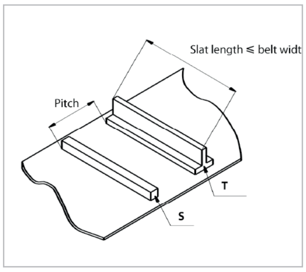
Accuracy and reliability of belt tensioning and alignment

Wide range of available speeds, 3-phase **SEW** motor reducer (120 w, 180 w or 250 w, 230/400 v)

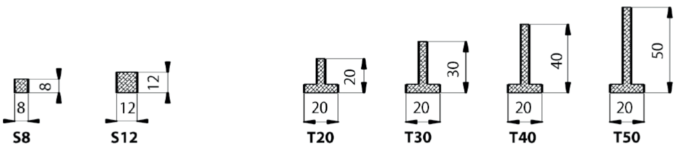
Rigidity of structure made of anodized aluminium 85 x 40 profile (8 mm slot for 13 mm square nuts)

Drive accuracy with Ø 90 steel roller

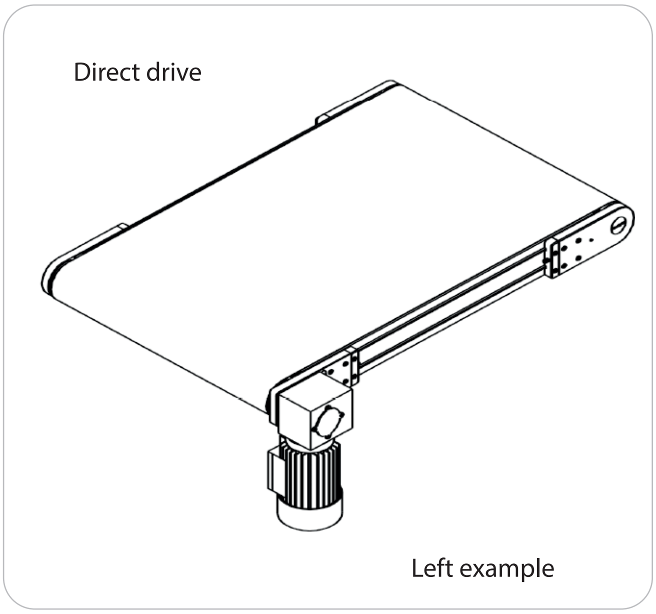
SLATS

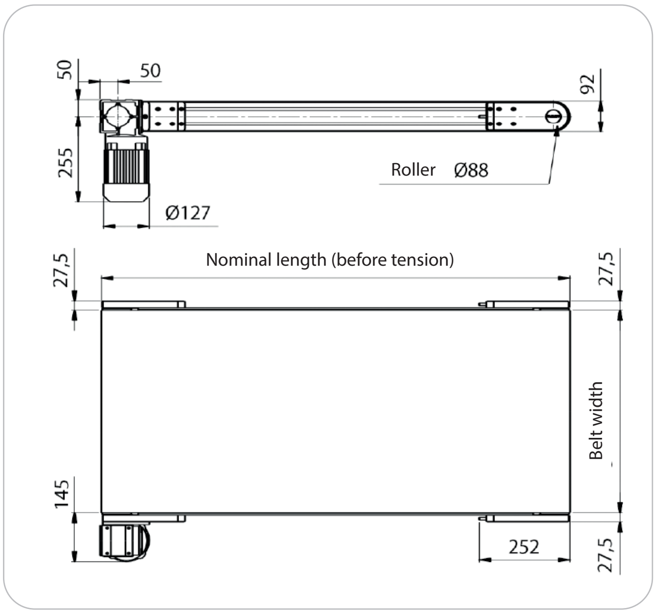


IMPORTANT: only **PUBA** belt may accept slats. Please, indicate pitch or slat number. Prefer **ODD** number.



Available belts	Réf.	Ep. (mm)		T_{adm}	FDA	**Application**
Low grip **PVC** (black)	**PVCL**	1,8	Yes	60°C	No	Transportation (α up to 5°), accumulation is possible
High grip **PVC** (dark green)	**PVCA**	2,5	Yes	60°C	No	Transportation (α up to **30º**), accumulation is **impossible**
"Food quality" PVC (white)	**ALIM**	2,0	No	60°C	Yes	Transportation (α up to10°), accumulation is allowed
Low grip **PU** (dark green)	**PUBA**	1,4	Yes	100°C	No	Transportation (α up to 5°), accumulation is possible
Heavy duty **PU** (vert)	**PUAD**	2,3	Yes	100°C	No	Transportation (α up to 10°), accumulation is allowed
Other types of belts (translucent, high temperature…) on request						





Motorisation SEW-USOCOME		BELT WIDTH (MM)					
		Width 400	**Width 500**	**Width 600**	**Width 800**	**Width 1000**	**Width 1200**
Direct drive	Right	3916	3918	3960	3980	3950	3912
	Left	3917	3919	3961	3981	3951	3913

STANDARD SPEED SEW-USOCOME							
Ratio Moto reducer **250 W**	*I=75*	*I=60*	*I=48*	*I=39*	*I=24.5*	*I=19.5*	*I=14.33*
Belt speed (m/min)	5.2	6.3	8.1	9.8	15.5	19.6	26.5
Reference	3905	3906	3908	3910	3915	3920	3925

LOW SPEED SEW-USOCOME	
Ratio Moto reducer **120 W** (6 pôles)	*I=75*
Belt speed (m/min)	**3.5**
Reference	3903

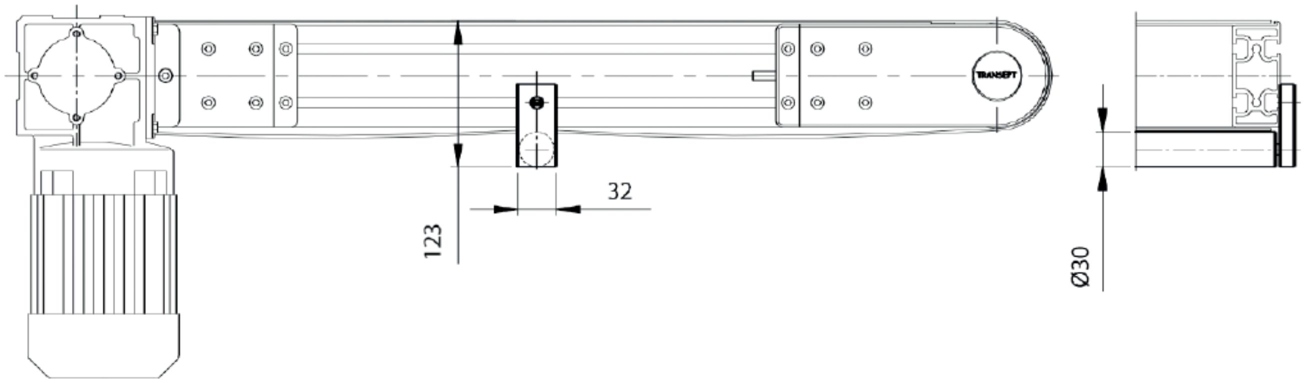
HIGH SPEED SEW-USOCOME		
Ratio Moto reducer **250 W**	*I=10.25*	*I=8.2*
Belt speed (m/min)	**36.5**	**45.8**
Reference	3935	3945

FREQUENCY INVERTER (INPUT: 240V MONO)			
Power handling	**180 W**	**370 W**	**750 W**
Reference	3000	3001	3002

IMPORTANT: consider the indicated speeds (m/min) with a precision of +/- 10 % at the 50 Hz frequency (current supply). The use of a frequency inverter allows to select a range of speed between 50 % and 150 % of the nominal value indicate at 50 Hz.

ROLLER SUPPORT

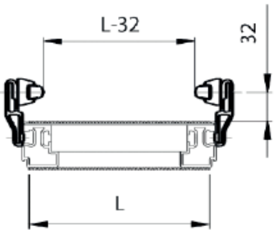
To be used from L=2500 mm and at intervals of 2000 mm

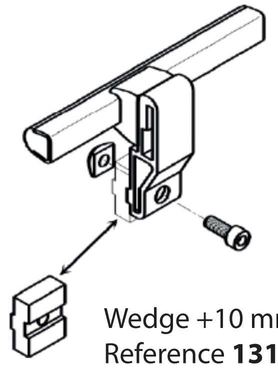


Roller support set	BELT WIDTH (MM)					
	Width 400	**Width 500**	**Width 600**	**Width 800**	**Width 1000**	**Width 1200**
Reference	3993	3994	3995	3996	3997	3998

SIDE GUIDE PROFILE

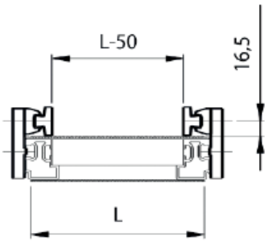
Non adjustable
Reference **3050**

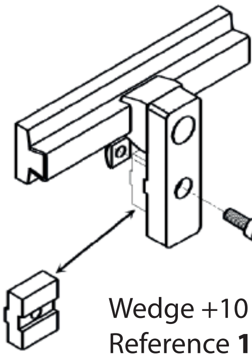




Wedge +10 mm
Reference **1316**

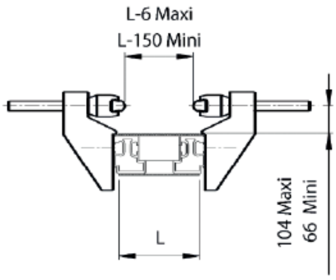
Non adjustable low profile type
Reference **3390**

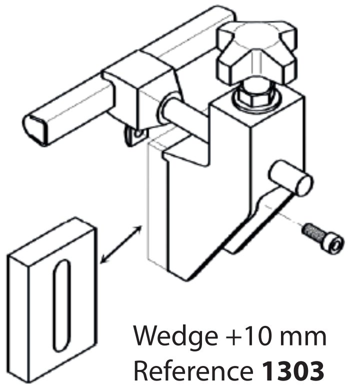




Wedge +10 mm
Reference **1316**

Adjustable type
Reference **3700**



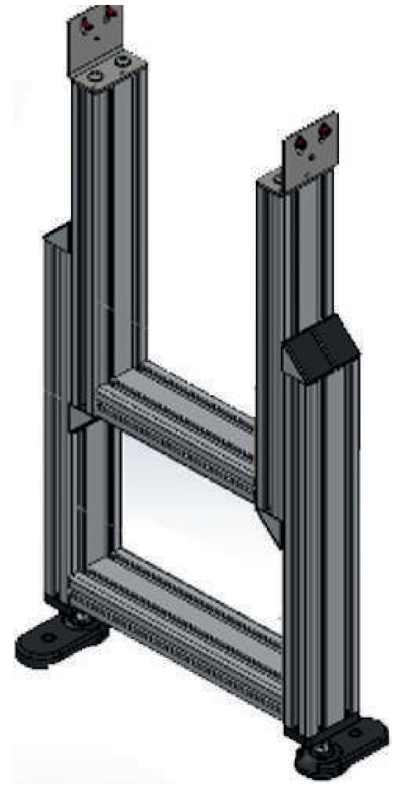


Wedge +10 mm
Reference **1303**

LEG SETS

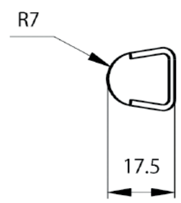
Profile aluminium 80x40.

Legs JH

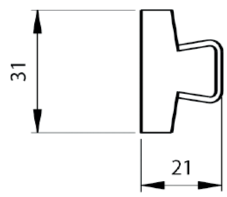


PE/STAINLESS STEEL GUIDE PROFILE

Reference 1219



Reference 1498



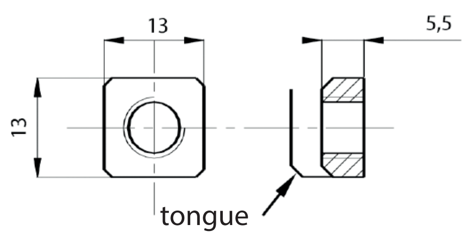
GROOVE NUT

Delivered by packs of 10 pieces.

Conveyor nut	**M4**	**M5**	**M6**	**M8**
No tongue	NSCAR8M4	NSCAR8M5	NSCAR8M6	NSCAR8M8
With tongue	NSCL8M4	NSCL8M5	NSCL8M6	NSCL8M8

Leg nut	**M4**	**M5**	**M6**	**M8**
with balls	NS8M4R	NS8M5R	NS8M6R	NS8M8R

The tongue keeps the nut in position in vertical grooves.



elcom by hellomoov'

DETERMINATION SHEET TB90

Salesman	

Customer	
Project	
Date	
Offer	

Delevery date	
Address Zip code Town	
Contact	
Mobile	
Email	

Scope of supply

- ☐ Fully assembled
- ☐ Assembly on client site
- ☐ Carriage prepaid

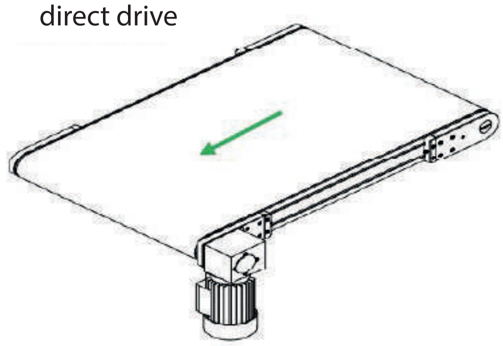
Document to provided (O=offer ; P=product ; X=O+P)

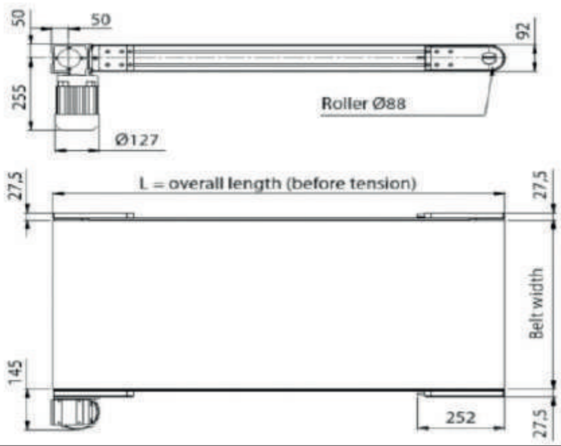
- ☐ None
- ☐ Drawing
- ☐ Fart list
- ☐ Mounting lay-out
- ☐ Other document

Maxi load above conveyor : ______ Kg Weight of product: ______ Kg

Dimensions Total length : ______ mm

direct drive





Type of drive

		400	500	600	800	1000	1200
☐ Direct	Right	3916	3918	3960	3980	3950	3912
	Left	3917	3919	3961	3981	3951	3913
☐ Shifted	Right	3955					
	Left	3954					
Support roller (Qty)		☐	☐	☐	☐	☐	☐
		3993	3994	3995	3996	3997	3998
		☐	☐	☐	☐	☐	☐

Standard speed m/min	5.2	6.3	8.1	9.8	15.5	19.6	26.5	36.5	45.8
	3905	3906	3908	3910	3915	3920	3925	3935	3945
Low speed m/min	3.5								
	3903								

Type of belt	400	500	600	800	1000	1200
☐ Black slick PVC belt	3930	3940	3970	3975	3982	3987
☐ PVC non-sliding belt	3929	3939	3971	3976	3983	3988
☐ White food PVC belt	3928	3938	3972	3977	3984	3989
☐ Heavy duty PU belt	3927	3937	3974	3979	3986	3991
☐ Standard green PU belt	3926	3936	3973	3978	3985	3990
☐ Other						

Legs

Heightband/ground [ ] mm   Settings +/- [ ] mm

code example= **TB90-600-JH-H1**

JH

H1=610/890mm

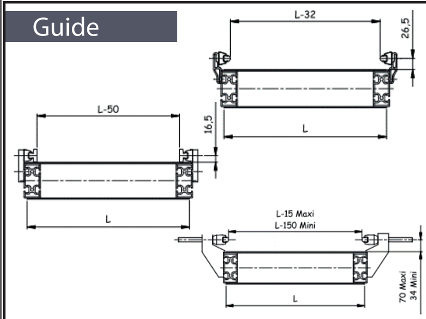
H2=710/1090mm

H3=850/1350mm

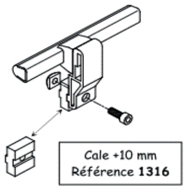
+/-100mm

TB90-400	TB90-500	TB90-600	TB90-800	TB90-1000	TB90-1200
JH-H1	JH-H1	JH-H1	JH-H1	JH-H1	JH-H1
JH-H2	JH-H2	JH-H2	JH-H2	JH-H2	JH-H2
JH-H3	JH-H3	JH-H3	JH-H3	JH-H3	JH-H3
JH-830	JH-830				

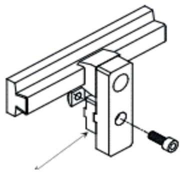
Guide



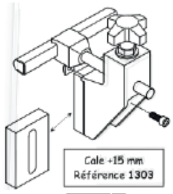
☐ Fixe **3050**



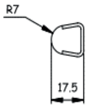
☐ Fixe flush **3390**



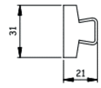
☐ Adjustable **3700**



☐ Guide Type **1219**



☐ Guide Type **1498**



Cale (qtt)

☐ Type **1316** (+10 mm)   ☐ Type **1303** (+15 mm)

Electrical cabinet

☐ Electrical cabinet with
3-phase direct start **3710**

☐ Electric variator
230V Mono **2831-SP01**

☐ Electric variator
400V Tri **2831-SP01-380**

Additional information / Option / Type of operation / Accumulation?

Notes

Notes

Applications

Smooth belt conveyor

Toothed belt conveyor

Roller conveyor or motorised roller conveyor

ELCOM
1 rue Isaac Asimov
ZAC La Maladière
38300 Bourgoin-Jallieu

+33 (0)4 74 43 99 61
elcom38@hellomoov.com
www.elcom.fr

ELCOM Frépillon
8 avenue Louis Blériot
ZAC des Epineaux
95740 Frépillon

+33 (0)1 34 44 23 00
elcom95@hellomoov.com

ELCOM Challans
6 rue du Bois David
85300 Challans

+33 (0)2 51 68 69 45
elcom85@hellomoov.com

H'FACTORY
36 rue Isaac Asimov
ZAC La Maladière
38300 Bourgoin-Jallieu

+33 (0)9 74 19 03 46
hfactory@hellomoov.com
www.h-factory.fr

H'FACTORY Alizay
6 ZA Les Sablons
27460 Alizay

+33 (0)2 32 87 39 89

H'FACTORY Coris
1 bis rue de la Pompadour
ZI de la Haie Griselle
94470 Boissy-Saint-Léger

+33 (0)1 43 89 21 22