Configurable Components

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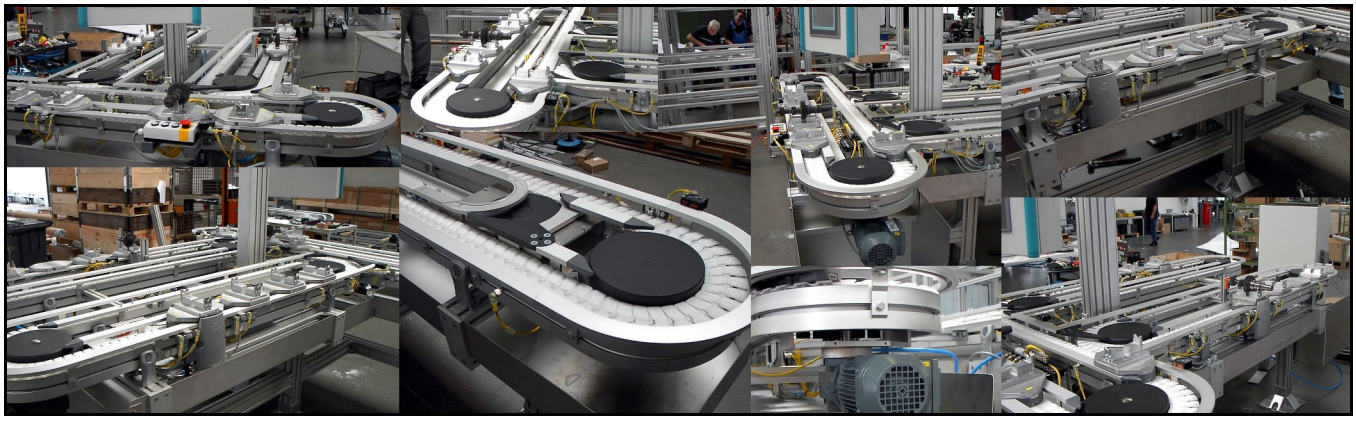
Building a FlexLink system



Modules and components

When designing a FlexLink system the general idea is to take advantage of pre-designed function modules as much as possible. Using Online Store it is possible to configure in very short time to design systems ranging from support to complex modules.

In addition, individual components are available to create special functions, modify existing ones, or to serve as spare parts.

Configuration tools

For many products, online configuration tools must be used when ordering. Item numbers (designations) which refer to use of the tools are grey in the catalogue, which means that they cannot be used for ordering.

Configuration principles

FlexLink´s system is designed to be very flexible with regard to the price-performance requirements. The following performance levels have been established:

Basic

- A conveyor solution for light load/speed applications
- High quality products tailored for low load/speed applications
- Light load with chain pull up to 300 N and speed below 40 m/min

Standard

- A conveyor solution for the average application
- Light load with chain pull up to 800 N and speed below 60 m/min

High performance

- Conveyors for high load or high speed applications
- Light load with chain pull up to 1250 N and speed below 80 m/min
- Low noise
- Low dust generation

High speed

- Conveyors for speeds up to 130 m/min

Conductive

- Conveyors with conductive materials

Tough environment

- Conveyors for applications in dirty environments or with foreign particles or with fluid chemicals
- High wear resistance
- Chemical resistance

Based on these performance levels, the configuration tools point the user to the most suitable combination of features to fulfil the requirements. Configuration recipes are available that guide selection of drive unit version and speed, slide rail material, chain types, bend types, etc. For pallet handling devices, it is possible to specify pallet type, support options, sensors, etc. Price and delivery information is given instantly.

Once configured you can download a CAD STEP-file of the actual configuration.

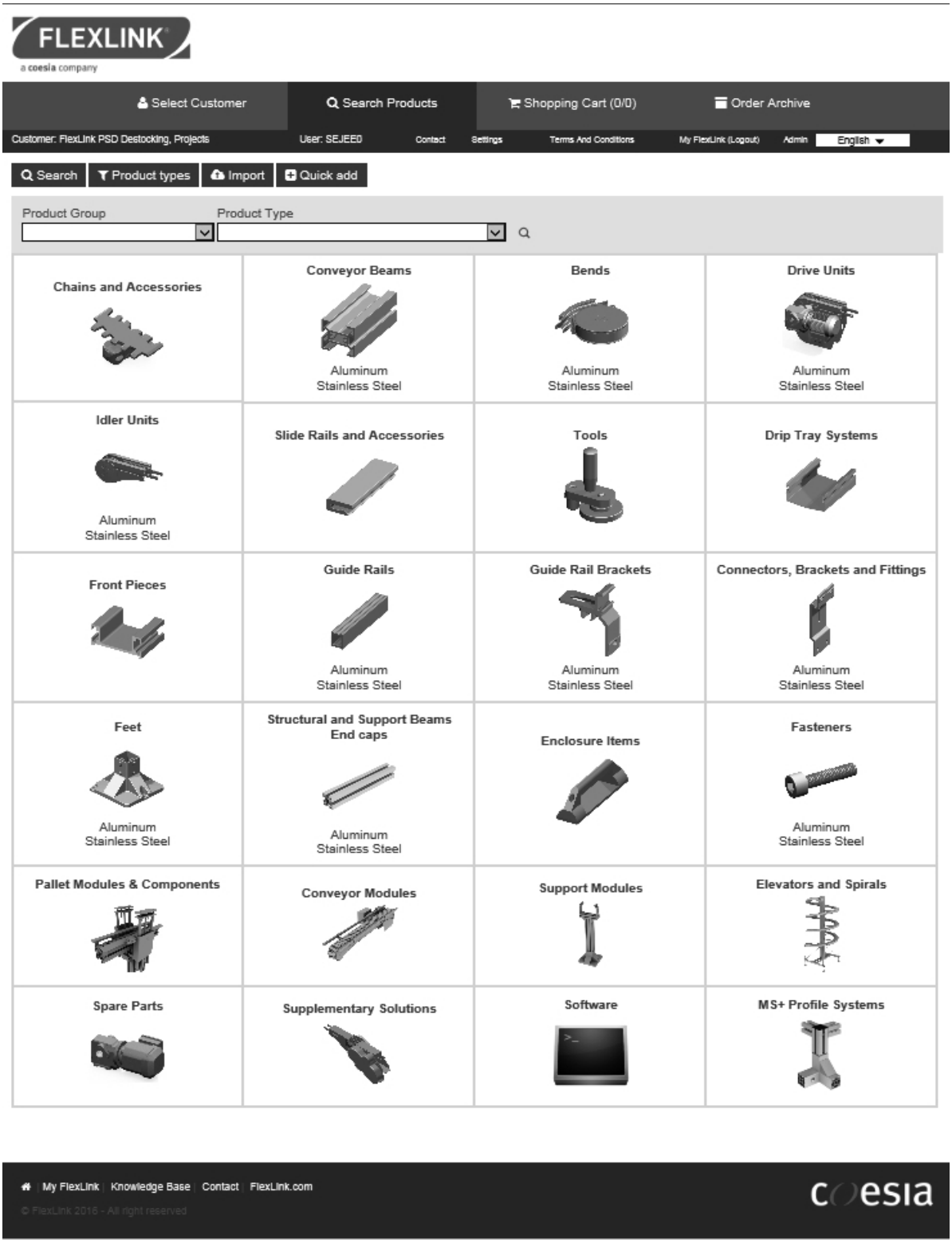
The configuration tool is easy to learn and available around the clock.

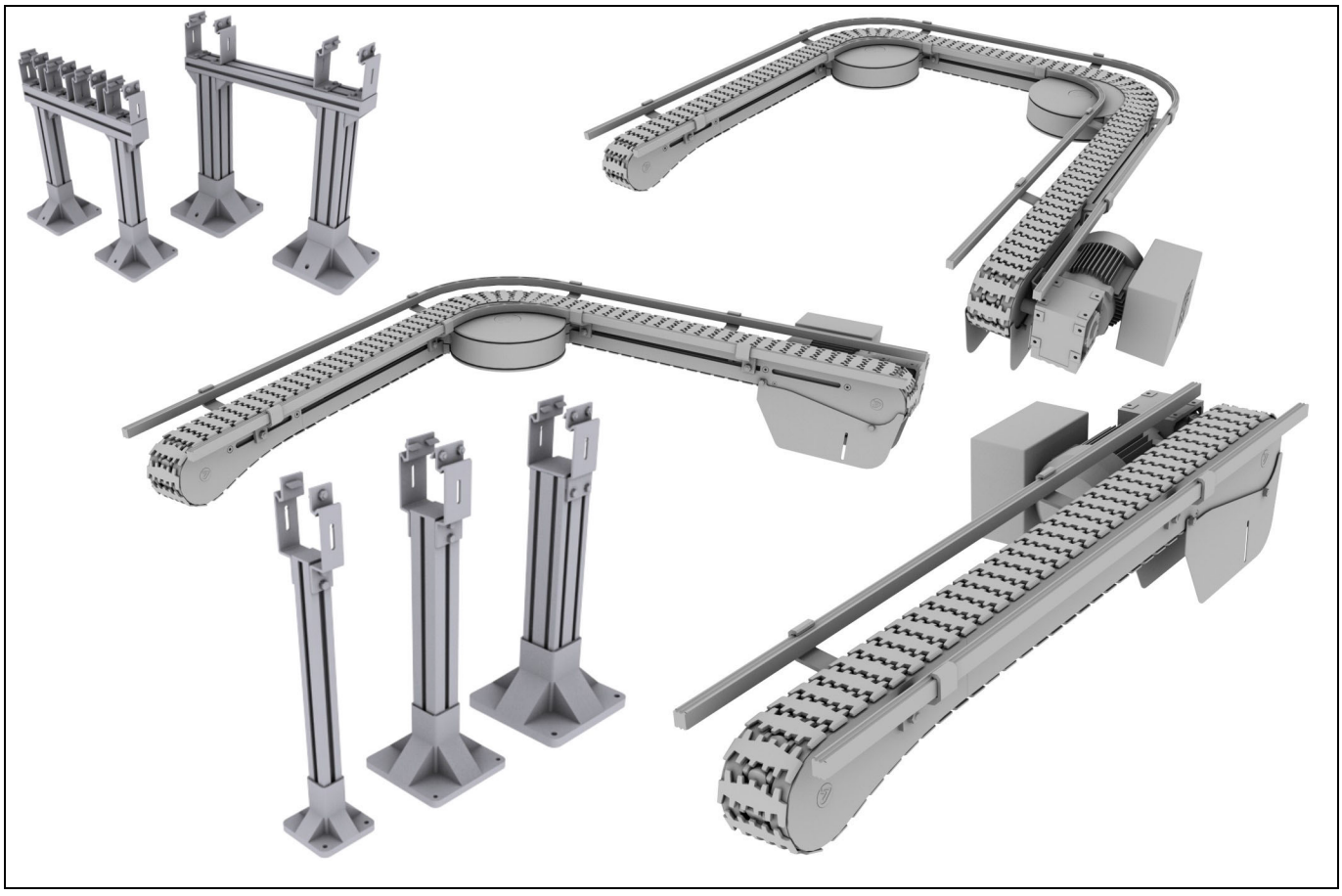
My FlexLink

My FlexLink is an extended FlexLink.com and is your portal for simplified engineering and business.
It contains:

- Online Store
- Customer Room
- Intelligent Conveyor Software
- Engineering Tools

To access all above, register and gain immediate access.





Conveyor configuration

A range of standard conveyor modules can be ordered using the online configurator tool. Using the configurator, most standard conveying applications can be specified. This includes

- Straight conveyors
- Conveyors with one or two bends
- Conveyor support

The easy-to-use configurator provides price, lead time and a 3D model of the design. It is available around the clock and fully automatic. The configured design is given a configuration ID when it is saved. This ID is then used to identify the module when ordering.

Configuration procedure

To use the configurator, login to www.flexlink.com. First-time users need to register. After logging in, just go to “My FlexLink” and select “Online store” in the drop-down menu. Then select “Configure modules” and click on “Conveyor modules”. Several configuration choices are presented. Click on the desired product and follow the instructions on the screen.

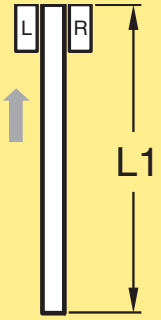
Configuration recipes

To make the configuration easy and straight-forward, configuration recipes have been created. A recipe is a group of configuration parameters suitable for a specific application profile. The X85 recipes are

- Basic
- Standard
- High speed
- High performance
- Tough environment
- Conductive

Applying a recipe in the configurator will specify such parameters as type of drive unit, slide rail material, chain material, guide rail type, etc.

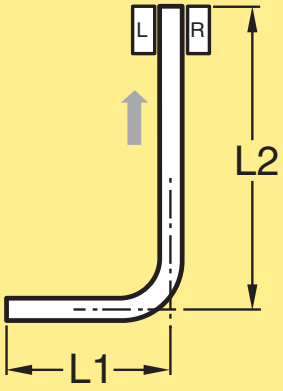
Straight conveyor



Conveyor module – straight * **5990226**

**Use online configurator when ordering*

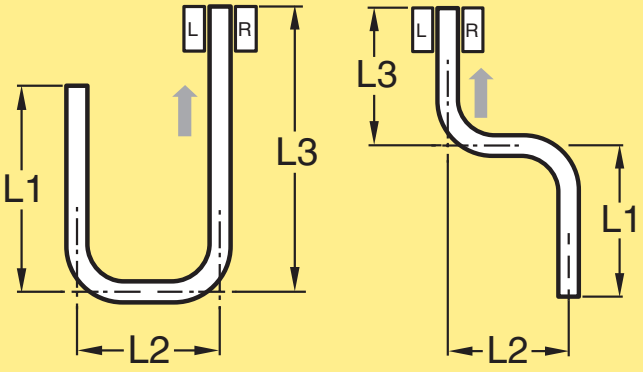
One bend conveyor



Conveyor module – one bend * **5990230**

**Use online configurator when ordering*

Two bend conveyor



Conveyor module – two bends * **5990237**

**Use online configurator when ordering*

Support modules – single and multi-lane

	5995387	Single diecast
	5995388	Single end adjustable
	5995389	Single end guide roller
	5995390	Single foot plate
	5995391	Single two/three-point
	5995392	Single XB
	5995393	Multi single 2 lane
	5995394	Multi single 3 lane
	5995395	Multi single 4 lane
	5995396	Multi double 2lane
	5995397	Multi double 3 lane
	5995398	Multi double 4 lane
	5995400	Drive unit end
	5995401	Drive unit inline transfer
	5995402	Drive unit wheel bend

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Straight conveyor module and Conveyor module with one or two bends – Configuration strings

Straight conveyor module and Conveyor module with one or two bends - Configuration string

A		B		I		J
X85	-	3000	-	V10	-	0.09kW

Two bend conveyor with variable speed motor

A		B		C		D		EF		GH		I		J
X85	-	3000	-	3000	-	3000	-	R90	-	L30	-	V8-20	-	0.55kW

A - Platform

Selected platform

B - Length L1

Selected length (mm)

C - Length L2

Selected length (mm)

(position is omitted for straight and single bend conveyor)

D - Length L3

Selected length (mm)

(position is omitted for straight and single bend conveyor)

E - 1st bend direction

R: Right
L: Left

(position is omitted for straight and single bend conveyor)

F - Angle

Wheel bend angle: 30, 45, 90, 180
Plain bend angle: 15, 30, 45, 45, 60, 90

(position is omitted for straight and single bend conveyor)

G - 2nd bend direction

R: Right
L: Left

(position is omitted for straight and single bend conveyor)

H - Angle

Wheel bend angle: 30, 45, 90, 180
Plain bend angle: 15, 30, 45, 45, 60, 90

(position is omitted for straight and single bend conveyor)

I - Speed

V.....Fixed speed... m/min
V...-...Variable speed range...-...m/min

(position is omitted for straight and single bend conveyor)

J - Motor power

...kW: Motor power, kW

Single support, height 900

A		B		C		F
X85	-	Single	-	64x64	-	900

3 lane support with two legs

A		B		C		D		E		F
X85	-	Multi	-	88x88	-	3	-	2	-	850

A - Platform

Selected platform

B - Support type

Single

Drive unit

Stainless

Multi

C - Beam size

44x44

66x66

88x88

DIA, 60 mm

D - Number of conveyor

2 (position is omitted to non-multi)

3 (position is omitted to non-multi)

4 (position is omitted to non-multi)

E - Number of legs

1 (position is omitted to non-multi)

2 (position is omitted to non-multi)

F - Top of chain

Selected height (mm)

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X45 horizontal conveyor – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Straight conveyor with 24 voltage motor

Item No	A		I
XUUC SP	3000	-	24 V

Two bend conveyor with 400 voltage motor

Item No	A		B		C		D		E		F		G		H		I		J
XUUC U	1500	-	1500	-	1500	-	R	-	180	-	L	-	90	-	50 Hz	-	400 V	-	V13,5

A – Length L1

Selected length (mm)

B – Length L2

Selected length (mm)
(position is omitted for straight conveyor)

C – Length L3

Selected length (mm)
(position is omitted for straight conveyor)

D – 1st bend direction

R: Right
L: Left
(position is omitted for straight conveyor)

E – Angle

Plain bend angle: 30, 45, 90, 180
(position is omitted for straight conveyor)

F – 2nd bend direction

R: Right
L: Left
(position is omitted for straight and single bend conveyor)

G – Angle

Plain bend angle: 30, 45, 90, 180
(position is omitted for straight and singe bend conveyor)

H – Frequency

Frequency: 50, 60
(position is omitted for 24 voltage motor)

I – Voltage

Voltage: 24, 400

J – Motor speed

V... Fixed speed … m/min
(position is omitted for 24 voltage motor)

X45 vertical conveyor – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Vertical conveyor with 24 voltage motor

Item No	A		B		C		D		E		G
XUUC VP	3000	-	300	-	1000	-	15	-	Down	-	24V

Vertical conveyor with 400 voltage motor

Item No	A		B		C		D		E		F		G		H
XUUC V	3500	-	60	-	1500	-	5	-	Up	-	50 Hz	-	400V	-	V13.5

A – Total length

Selected length (mm)

B – Height (Z)

Selected length (mm)

C – Length L1

Selected length (mm)

D – Angle

Vertical bend angle: 5, 15

E – Direction

Up
Down

F – Frequency

Frequency: 50, 60
(position is omitted for 24 voltage motor)

G – Voltage

Voltage: 24, 400

H – Motor speed

V... Fixed speed … m/min
(position is omitted for 24 voltage motor)

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Spiral elevator

Ordering information

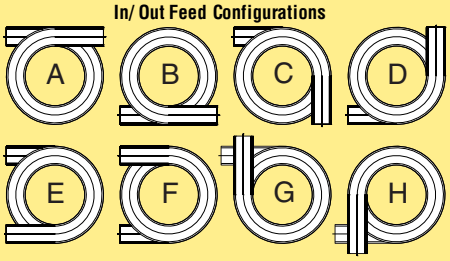
Example of a string obtained from the configurator:

Item no	A		B		C	D	E	F	G	H	I
5995512	100	-	1000	-	500	- S	- A	- TU	- 800	- 3	- 25

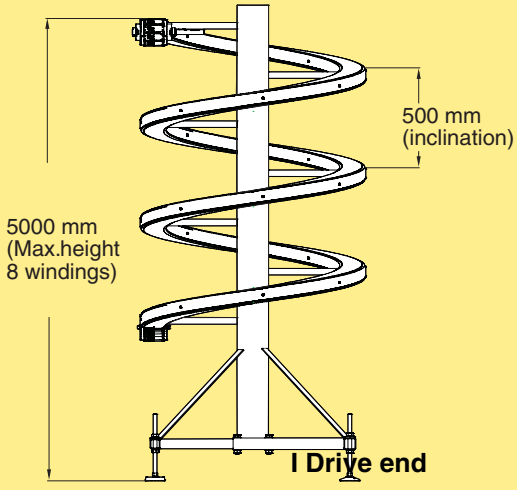
5995512- Item number (Standard)

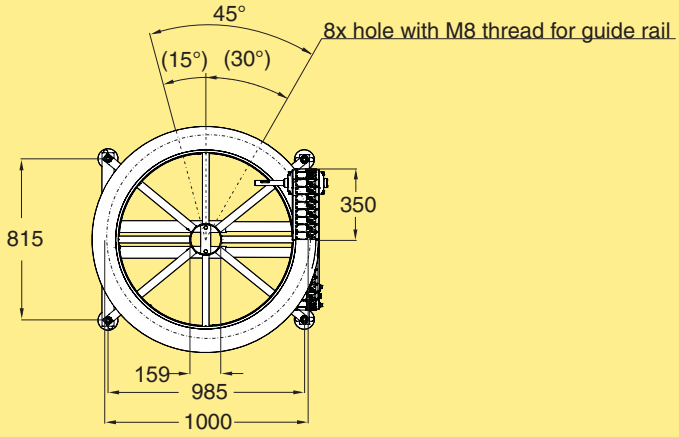
A Chain width
B Spiral center of chain diameter
C Incline per winding
D Mild steel (S) material configuration
E Configuration e.g. A
F Transport direction up/down TU or TD
G Lower height 600/700/800/900/1000
H Number of windings 3-8 (Standard)
I Shaft diameter 20 mm (SA37), 25 mm (SA47) and 30 mm (SA47)

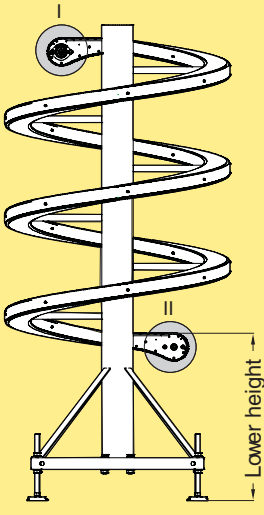
In/ Out Feed Configurations

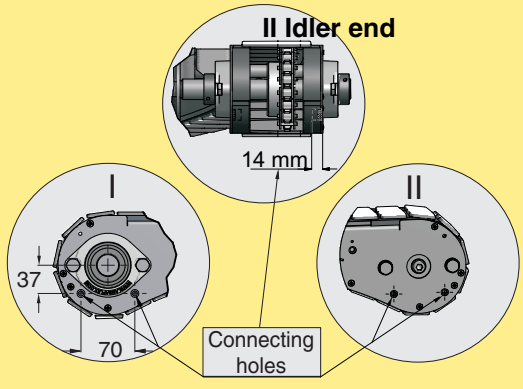


Spiral elevator, Standard







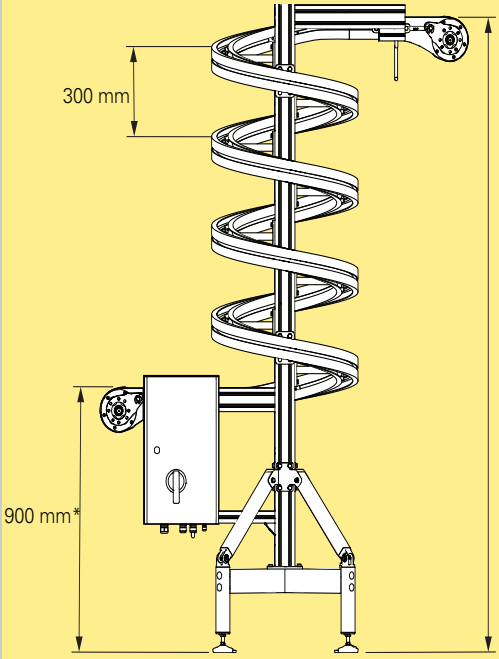


Fixation of elevator:
The nuts (M8) can be used
for a bracket (not deliverd by FlexLink)
to connect to a outfeed/infeed conveyor.
Maximum allowable thread length M8 bolt
sticking into Idler/Driver end is 14 mm (0,55¨)

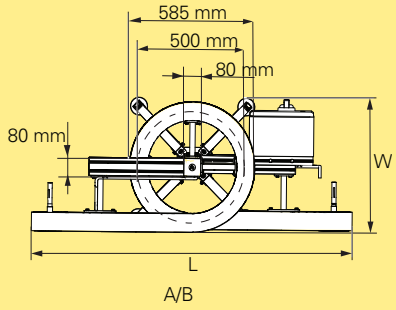
Spiral elevator (Standard) **5995512**
Lower height 600, 700, 800, 900 or 1000 mm

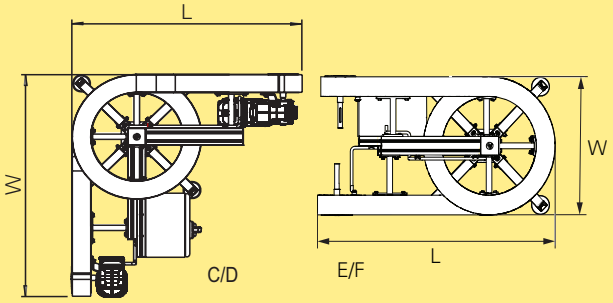
Use online configurator when ordering.

Spiral elevator, Compact X85



A/B- 2150, 2450,2750 mm
C/D- 2225,2525, 2825 mm
E/F- 2300, 2600, 2900 mm





Configuration	A/B	C/D	E/F
Footprint L x W [mm]	1500 x 585	1040 x 1040	1100 x 585

Spiral elevator, Compact X85
*Lower height

In/out configuration

5131024	**A**
5131025	**B**
5130008	**C**
5130009	**D**
5131026	**E**
5131027	**F**

Use online configurator when ordering.

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Below, example of text strings obtained from the configurator with explanations.

Input

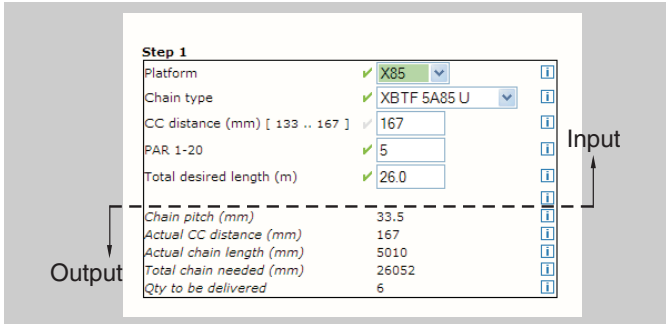
Platform: "*X85*"

Chain type: "*XBTF 5A85 U*"

CC distance (mm) [133..167]: "*167* " (depending on the PAR value, the CC distance will change.)

PAR 1-20: "*5*" (depending on the CC distance, the PAR value will change.)

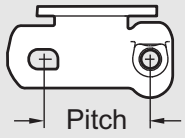
Total desired length (m): "*26*"



Output

Chain pitch: "*33,5*" (see table below)

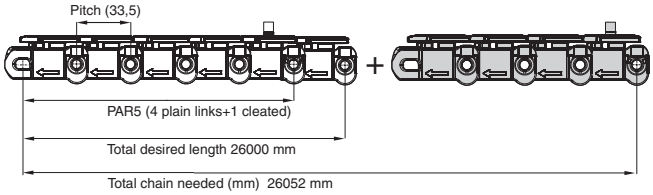
Parameter	Conveyor type				
	XS, X45H, X65, XT	X85	XH	XK	X180/X300
Chain pitch, mm	25,4	33,5	35,5	38,1	33,5



Actual CC distance (mm): The selected CC distance will be round off to the closest value which matches the chain pitch.
E.g. for value 400, PlatformX85 (pitch 33,5 mm), CC distance= 400 mm, the Actual CC will be 402 mm.

Actual chain length (mm): The actual length depending on the CC/PAR value and that the chain always ends with a cleated link. This causes the length to vary from 3000-3250 mm or 5000 to 5500 mm depending on selected platform.

Total chain needed (mm): "*26 052*" (All configurable chains start with a number of plain links in this case 4 links before the cleat link (PAR5)). The desired length is 26 000 mm and the chain pitch for X85 is 33,5 mm. This creates an incorrect number of plain links before the last cleat link. The length is corrected by adding plain links (according to the desired PAR value) and a cleated link after the "last" cleat link. See picture.



Qty to be delivered: *"6" (The desired length is 26 m and items will be delivered in multiples of 5 -meter lengths; to cover demand of necessary length, 6 packages of chains are needed.)*

Configuration result:

Item no	Qty	Description
XBTF 5A85 U	**6**	**XBTF 5A85 U PAR5**

Drive units X45H – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
XTEB	NP	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XTEB	MNPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XTEB: End drive

A – 0-Unit

MNP: Medium, direct drive, no slip clutch
NP: Heavy, direct drive, no slip clutch
.....V: Variable speed

B – Motor position

L: Left
R: Right

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

WA20: SEW motor type WA20
SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors
see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

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Drive units XS – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
XSEB	H	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XSEB	HPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XSEB:	End drive
XSEW:	Horizontal bend drive
XSEB DD:	Double drive

A – 0-Unit

HP: Heavy, direct drive, slip clutch
H: Heavy, suspended motor, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

S37: SEW motor type S37
SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units X85 – Configuration strings

Below are three examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		C		C		E		F		H		I		J
XBEB A85	HNP	-	L	-	G	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		C		E		F		G		H		K		L
XBEB A85	MNPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Double drive unit with variable speed motor

Item no	A		B		C		E		F		G		H		K		L
XBEB DD A85	HPDV	-	250	-	L	-	V6-20	-	SA 37	-	MM05	-	50/380-500	-	C	-	P

Item no - Drive type

XBEB:	End drive
XBEC:	Catenary drive
XBER:	Intermediate drive
XBEW:	Horizontal bend drive
XBEB DD:	Double drive

A – 0-Unit

CNP: Compact, direct drive, no slip clutch
MNP: Medium, direct drive, no slip clutch
HNP: Heavy, direct drive, no slip clutch
HP: Heavy, direct drive, slip clutch
D: Double drive
H: Heavy, suspended motor, slip clutch
....V: Variable speed

B – CC distance

CC distance (mm)_ [86] Fixed
CC distance (mm)_ [130-350] Variable
(position is omitted for non double drive)

C – Motor position

L: Left
R: Right

D – End drive with guided chain

G: Guided (position is omitted for non-guided)

E – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

F – Gearbox

WA10: SEW motor type WA10
WA20: SEW motor type WA20
S37: SEW motor type S37
SA37: SEW motor type SA37

G – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

H – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

I – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position G)

J – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

K– Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

L – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

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Drive units XH – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		C		D		E		G		H		I
XHEB	HNP	-	L	-	G	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XHEB	HNPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XHEB:	End drive
XHEC:	Catenary drive
XHER:	Intermediate drive
XHEW:	Horizontal bend drive
XHEB DD:	Double drive

A – 0-Unit

HNP: Heavy, direct drive, no slip clutch
HP: Heavy, direct drive, slip clutch
H: Heavy, suspended motor, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

C – End drive with guided chain

G: Guided (position is omitted for non-guided)

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

WA10: SEW motor type WA10
WA20: SEW motor type WA20
S37: SEW motor type S37
SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units XK – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
XKEB	H	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XKEB	HPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XKEB:	End drive
XKEC:	Catenary drive
XKEW:	Horizontal bend drive
XKEB DD:	Double drive

A – 0-Unit

P: Direct drive, slip clutch
H: Heavy, suspended motor, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

WA10: SEW motor type WA10
WA20: SEW motor type WA20
S37: SEW motor type S37
SA37: SEW motor type SA37
S47: SEW motor type S47 with brake

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
MM11: SEW Movimot type, 1,1 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

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Drive units X180 – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
XBEB A180	HNP	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XBEB A180	HPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XBEB: End drive

A – 0-Unit

HNP: Heavy, direct drive, no slip clutch
HP: Heavy, direct drive, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

C – End drive with guided chain

G: Guided (position is omitted for non-guided)

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

Drive units X300 – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
XBEB A300	HNP	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D		E		F		G		J		K
XBEB A300	HPV	-	L	-	V6-15	-	WA20	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

XBEB: End drive

A – 0-Unit

HNP: Heavy, direct drive, no slip clutch
HP: Heavy, direct drive, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

C – End drive with guided chain

G: Guided (position is omitted for non-guided)

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)

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Drive units WL– Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H		I
WLEB A322	HNP	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-	TF

Drive unit with variable speed motor

Item no	A		B		D	E		F		G		J		K
WLEB A322	HPV	-	L	-	V6-15	SA37	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

WLEB: End drive

A – 0-Unit

HNP: Direct drive, no slip clutch
HP: Direct drive, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors
see position F)

I – Thermal protection

No: No thermal protection
TF: Thermal protection type TF
TH: Thermal protection type TH
(position is omitted for variable speed motors)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)Drive units

Drive units WK – Configuration strings

Below are two examples of text strings obtained from the configurator with explanations.

Drive unit with fixed speed motor

Item no	A		B		D		E		G		H	
WKEB B225	HNP	-	L	-	V4	-	SA37	-	50/230	-	0,18kW	-

Drive unit with variable speed motor

Item no	A		B		D	E		F		G		J		K
WKEB B225	HPV	-	L	-	V6-15	SA37	-	MM03	-	50/380-500	-	C	-	P

Item no - Drive type

WKEB: End drive

A – 0-Unit

HNP: Direct drive, no slip clutch
HP: Direct drive, slip clutch
....V: Variable speed

B – Motor position

L: Left
R: Right

D – Speed

V...: Fixed speed... m/min
V... -...: Variable speed range...-... m/min

E – Gearbox

SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,37 kW
MM05: SEW Movimot type, 0,55 kW
MM07: SEW Movimot type, 0,75 kW
(position is omitted for fixed speed motors)

G – Electrical environment

50/230: 50 Hz, 230 V
50/400: 50 Hz, 400 V
60/230: 60 Hz, 230 V
60/460: 60 Hz, 460 V
60/575: 60 Hz, 575 V
50/380-500: SEW Movimot variable speed motor
60/380-500: SEW Movimot variable speed motor

H – Motor power

... kW: Motor power, kW
(position is omitted for variable speed motors
see position F)

J – Hybrid cable

No: No hybrid cable
C: Hybrid cable included in SEW Movimot
(position is omitted for fixed speed motors)

K – Fieldbus

No: No fieldbus
P: Profibus fieldbus, maintenance switch
D: DeviceNet fieldbus, maintenance switch
(position is omitted for fixed speed motors)Drive units

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