

PO
 X45
 XS
XL
 XLP
 X85
 X85P
 XH
 XK
 XKP
 X180
 X300
 GR
 CS
 XT
 WL
 XC
 XF
 XD
 XLX
 X85X
 X180X
 X300X
 GRX
 CSX
 ELV
 CTL
 FST
 TR
 APX
 IDX

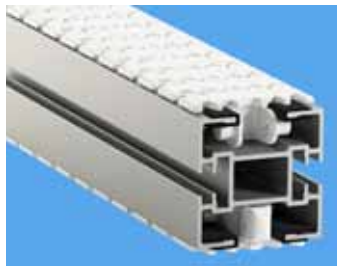
Conveyor system XL

System information



Chain width 63 mm

The XL conveyor is also available in a stainless steel version. See page 393.



Features

Suitable for a wide range of applications. Preferable in high speed applications. Includes components for pallet handling and vertical wedge conveyors.

Examples of application areas

Tissue paper, gear wheels, aerosol cans, medium size ball bearings, piston parts, yoghurt, fuel injectors, dry batteries, plastic bottles, matches, cheese boxes, coffee and tea packages.

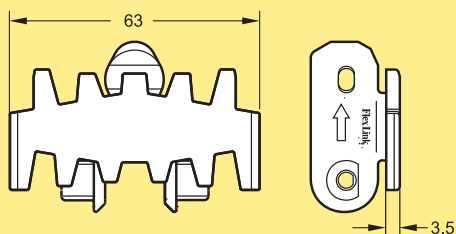
Technical characteristics

Drive unit capacity	500 N
Chain tension limit	500 N
Beam width	65 mm
Chain width	63 mm
Chain pitch.....	25,4 mm
Item width	15–140 mm 30–300 mm*
Maximum item weight	
Horizontal transport	10/1* kg
Vertical transport.....	2/1* kg
Maximum weight on conveyor.....	150/80* kg
Maximum conveyor length	40/8* m

*Applies to vertical wedge conveyor.

Maximum permitted load per link 1,0 kg

Plain chain



Plain chain
Length 5 m

XLTP 5

Plain link kit *

5056085

Plain chain (Ultra low wear)
Length 5 m

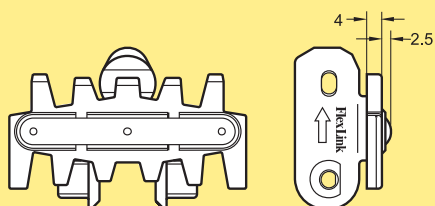
XLTP 5 C

Plain link kit (Ultra low wear)

n.a.

* Link kit contains 10 links, 10 pivots, 10 steel pins

Friction top chain



Friction top chain
Length 5 m

XLTP 5 FP

Use the online configurator to specify and order.

Friction top chain, Length 5 m

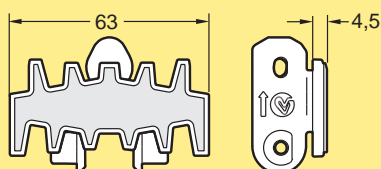
XLTP 5 F

Friction top link kit *

5056081

* Link kit contains 10 links, 10 pivots, 10 steel pins

Flat top friction chain



Flat top friction chain
Length 5 m

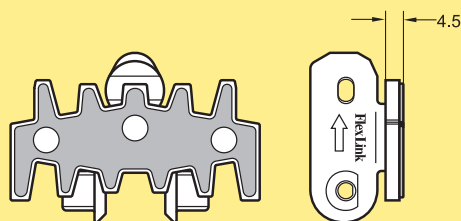
XLTP 5 FA

Flat top friction kit *

5057606

* Link kit contains 10 links, 10 pivots, 10 steel pins

Steel top chain



Steel top chain
Length 5 m

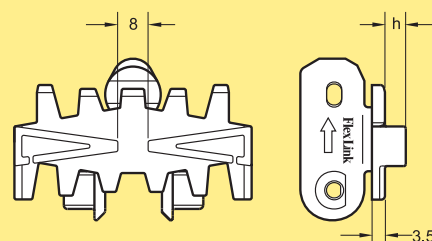
XLTP 5 TF

Steel top link kit *

5056076

* Link kit contains 10 links, 10 pivots, 10 steel pins

Cleated chain, Type A



Cleated chain
Type A cleats
Length 5 m
h=4 mm
h=5,5 mm
h=9 mm
h=12 mm
h=17 mm
h=30 mm

XLTF 5x4 A
XLTF 5x5.5 A
XLTF 5x9 A
XLTF 5x12 A
XLTF 5x17 A
XLTF 5x30 A

Use the online configurator to specify and order.

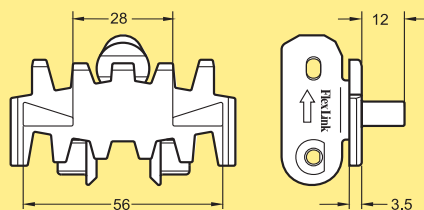
Cleated link kit *

h=4 mm
h=5,5 mm
h=9 mm
h=12 mm
h=17 mm
h=30 mm

5056067
5056066
5056063
5056074
5056212
5056069

* Link kit contains 10 links, 10 pivots, 10 steel pins

Cleated chain, Type B



Cleated chain
Type B cleats
Length 5 m

XLTF 5x12 B

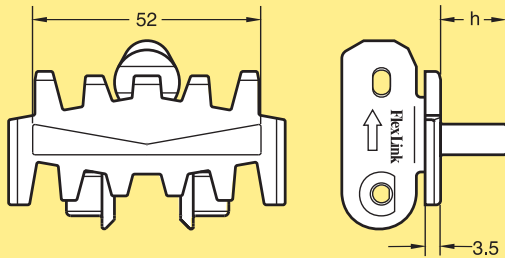
Use the online configurator to specify and order.

Cleated link kit *

5056073

* Link kit contains 10 links, 10 pivots, 10 steel pins

Cleated chain, Type C



Cleated chain
Type C cleats
Length 5 m
h=12 mm
h=15 mm
h=30 mm

XLTF 5x12 C
XLTF 5x15 C
XLTF 5x30 C

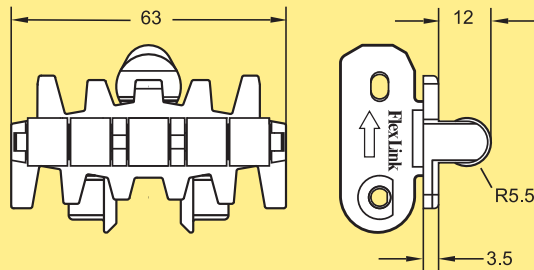
Use the online configurator to specify and order.

Cleated link kit *
h=12 mm
h=15 mm
h=30 mm

5056072
5056071
5056214

* Link kit contains 10 links, 10 pivots, 10 steel pins

Roller top chain



Roller top chain
Length 5 m

XLTR 5 P

Use the online configurator to specify and order.

Roller top chain
Length 5 m

XLTR 5

Roller top link kit *

5056080

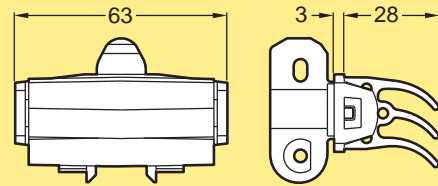
Rollers **

3902819

* Link kit contains 10 links, 10 pivots, 10 steel pins

** Note. Rollers must be ordered in multiples of 200

Flexible cleat chain, Type C



Flexible cleat chain Type C
Length 5 m

XLTE 5 C

Flexible cleat link kit *

5055601

Flexible cleat top kit **

5056589

Flexible cleat top kit ***

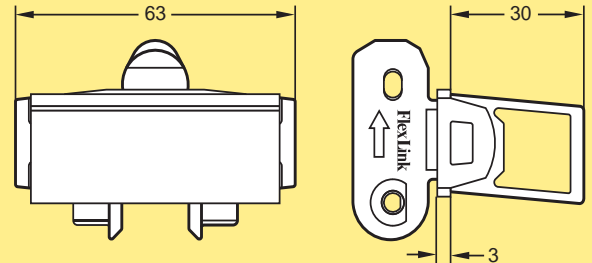
5056558

* 10 complete links+pivots+pins

** 10 base links XLTE 63 D+pivots+pins

*** 10 cleat tops XLTX 55 C

Flexible cleat chain, Type D



Flexible cleat chain Type D
Length 5 m

XLTE 5 D

Flexible cleat link kit *

5056589

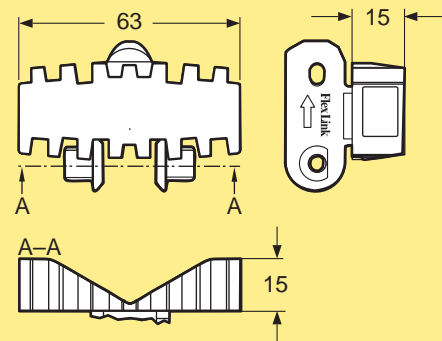
Flexible cleat top kit **

5058089

* 10 base links XLTE 63 D+pivots+pins.

** 10 cleat tops XLTX 55 D

Cleated chain



Cleated chain
Length 5 m

3921955

Cleated link kit *

5056579

* Link kit contains 10 links, 10 pivots, 10 steel pins

Chain accessories XL

Plastic pivot

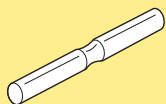


Plastic pivot XS, XL

5111489

Plastic pivot kit contains 25 items

Steel pin

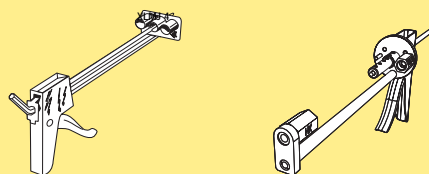


Steel pin XS, XL

5111492

Steel pin kit contains 25 items

Pin insertion tool for chain



Pin insertion tool

XS-XL-XT

XS-XL-XT, PRO version*

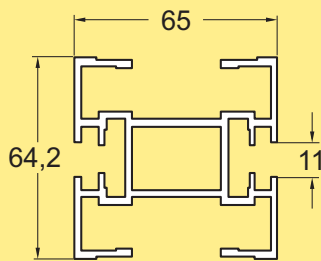
XLMJ 4

XLMJ 4 P

**This product is recommended for frequent users.*

Beams XL

Conveyor beam



Beam

Length 3 m (3030 ±5 mm)

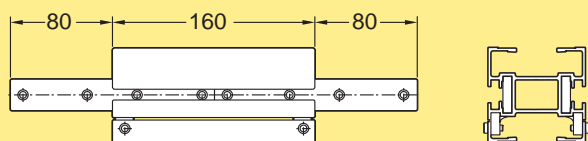
Length to order (30- 3000 mm)

XLCB 3
XLCB L

Slide rail: see page 90.

Beam accessories: see page 89.

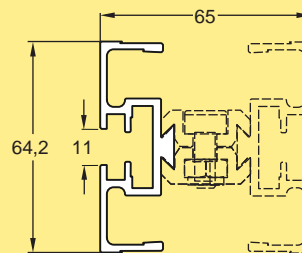
Beam section for chain installation



Beam section for chain installation **XLCC 160**

Including connection strips and screws

Profile for split conveyor beam



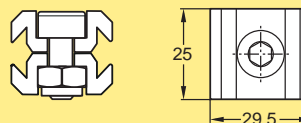
Profile for split conveyor beam

Length 3 m (3030 ±5 mm)

Length to order (30- 3000 mm)

XLCB 3 H
XLCB L H

Beam clip assembly

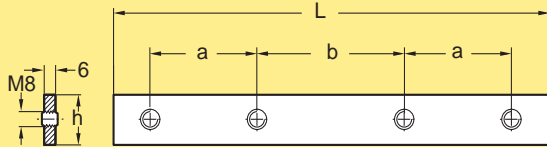


Beam clip assembly

XLCE 29x20

Including M8 screw and locking nut. Use minimum 5 clips per meter. Place clips 100 mm from each end.

Connecting strip with set screws



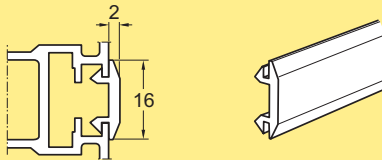
Connecting strip with set screws

h=25, a=30, b=50, L=130
h=25, a=44, b=44, L=160

XLCJ 6x130
XLCJ 6x160

Note. Must be ordered in multiples of 10

Cover strip for T-slot, PVC

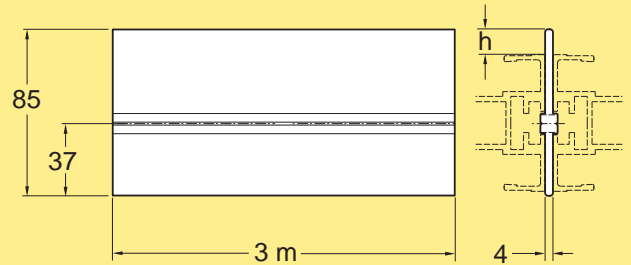


Cover strip for T-slot, PVC
Length 25 m

XLAB 25

For XS-XL-X85-XH

Beam spacer



XS	XL	X85/XH	XK
h=16,0 mm	h=15,9 mm	h=10,5 mm	h=0,5 mm

Beam spacer

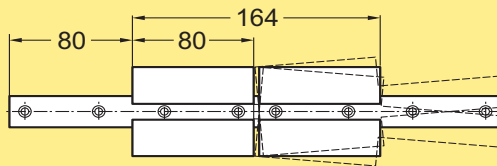
Aluminium, anodized
Length 3 m

XLCD 3

For connection of two conveyor beams side to side. Use M8 screw and slot nut. Two holes must be drilled, one through the spacer (9 mm) and one through the beam, to allow insertion of the screw. The diameter of the second hole depends on the size of the screw head.

Articulated beam section (vertical) XL

Articulated beam section



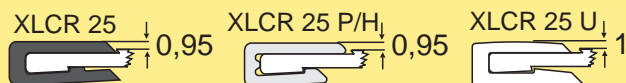
Articulated beam section vertical

XLCH 5 V

- X45
- XS
- XL**
- XLP
- X85
- X85P
- XH
- XK
- XKP
- X180
- X300
- GR
- CS
- XT
- WL
- XC
- XF
- XD
- XLX
- X85X
- X180X
- X300X
- GRX
- CSX
- ELV
- CTL
- FST
- TR
- APX
- IDX

Slide rails XL

Plastic slide rails for XL, XH beams



Slide rail

Length 25 m

HDPE ($\mu=0,1-0,25$) (Black)

PA-PE ($\mu=0,1-0,25$) (Grey)

PVDF ($\mu=0,15-0,35$) (Natural white)

PE-UHMW ($\mu=0,1-0,25$) (White)

PE-UHMW conductive (Black)

XLCR 25

XLCR 25 H

XLCR 25 P

XLCR 25 U

XLCR 25 E

Steel slide rail for XL, XH beams

XLCR 3 TA



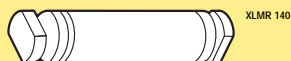
Slide rail ($\mu=0,15-0,35$)

Length 3 m

Acid resistant stainless steel

XLCR 3 TA

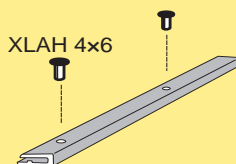
Mounting tool for slide rail



Mounting tool for slide rail XS, XL

XLMR 140

Aluminium rivets



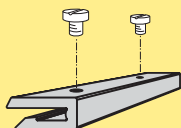
Aluminium rivets 4 mm for XL-XH conveyors

XLAH 4x6

Extra slide rail in plain bends must be anchored using plastic screws due to lack of space for the rivet crimping tool.

Note. Must be ordered in multiples of 250.

Plastic screws for slide rail

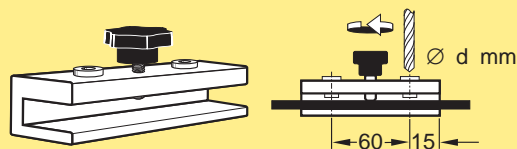


Plastic screws 5 mm for XS-XL-X85-XH-X180/X300 beams

XLAG 5

Note. Must be ordered in multiples of 50

Drill fixture for slide rail



Drill fixture for XL-X85-XH-XK-X180/X300 slide rail

$d=4,2 \text{ mm}$

3920500

Rivet crimping pliers

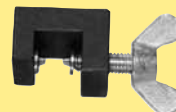


Rivet crimping pliers for XL-X85-XH-XK-X180/X300

For 4 mm rivets

5051395

Rivet crimping clamp



Rivet crimping clamp for XL-X85-XH-XK-X180/X300

For 4 mm rivets

3923005

Steel slide rail, straight

Slide rail, hardened steel
Length 3 m
XLCR 3 TH
Delivered with 9 predrilled holes

X45

XS

XL

XLP

X85

X85P

XH

XK

XKP

X180

X300

GR

CS

XT

WL

XC

XF

XD

XLX

X85X

X180X

X300X

GRX

CSX

ELV

CTL

FST

TR

APX

IDX

Cleaner 3M

Cleaner (100 sachets) **5057207**
Use cleaner on beam and slide rail before attaching glue tape.

Glue tape 3M

Glue tape (for XL, X85, XH)
Length 30 m **5057208**

Steel slide rail for wheel bends

Slide rail for bends, hardened steel
Slide rail for bend, XL 30° **XLCR W30 TH**
Slide rail for bend, XL 45° **XLCR W45 TH**
Slide rail for bend, XL 90° & 180° **XLCR W90 TH**
180°: Use 2 pieces of steel slide rail 90°

Mounting tool for steel slide rail

Mounting tool for XL **5057662**

Stainless steel rivets

Stainless steel rivet, 4 mm **XLAHX 4x6**
Rivet for anchoring the slide rails. Must be ordered in multiples of 100.
Note. Do not use in applications where metal chips might get stuck in the hole in the rivet.

Brass rivets

Brass rivets (100 pcs) **5056167**
Rivets for anchoring the slide rails

Cover strip

Cover strip
Length: 3 m
Material: Plastic PA 12 **5112114**
Cover the opening on the side between the chain and beam. Primarily for straight sections and the outer curves, but can also be mounted on inner curves. Apply using a double-sided tape, see mounting instruction 5497EN in Technical library.

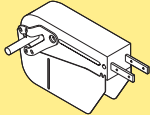
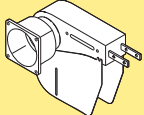
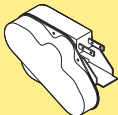
Drive unit types

The XL system includes Compact (**C**), Medium (**M**), and Heavy (**H**) drive units. Drive unit capacities range from maximum 500 N for the H types down to maximum 300 N for the C types. The actual capacity depends on the speed and type of drive unit.

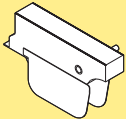
Several configurations are available, including direct driven units with or without slip clutch. Heavy duty drives with suspended motor and transmission chain can also be ordered.

Available motors include variable speed types (**V**) as well as fixed speed motors (**F**).

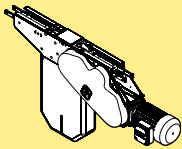
End drive units

Size	Direct drive, no slip clutch	Direct drive, slip clutch	Suspended motor, transmission chain, slip clutch
			
Compact	F	–	–
Medium	F, V	–	–
Heavy	F, V	F, V	F
Heavy, guided	F, V	F, V	–

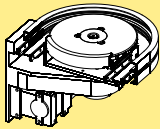
Intermediate drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

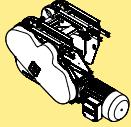
Catenary drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

Wheel bend drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

Double drive units

Size	Suspended motor, transmission chain, slip clutch
	
Heavy	F

Motor specifications

Motors are available for 230/400 V, 50 Hz and 230/460 V or 330/575 V, 60 Hz. All motors except those for Compact drive units can be connected for delta or star configuration by means of jumpers.

Variable speed motors are SEW Movimot, 380–500 V. Note that variable speed motors include a control box that adds 93 mm to the width of the motor.

Idler unit types

Idler units are available in two versions, Compact and Heavy.

Ordering information

Drive units with motors must be specified using the web-based configurator. The configurator provides detailed information and step-by-step guidance in the specification process. A product code string is generated, containing the specification details. See next page for examples of code strings.

Drive units *without* motors can be ordered using the designations in the catalogue.

Dimension drawings in catalogue

Note that dimensions relating to drive unit motors depend on the motor specified during the configuration. In most cases, the motors shown in the catalogue drawings represent the largest size. If variable speed motors are used, some dimensions may increase, indicated by dimension values xxx (V: yyy). V represents the max dimension using variable speed motor.

Drive units – configuration strings

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

Drive unit with fixed speed motor

Item no	A	B	C	D	E	G	H	I
XLEB	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
XLEB	MNPV	- L	- V6-15	- WA20	- MM03	- 50/380-500	- C	- P

Item no - Drive type

XLEB: End drive
 XLEC: Catenary drive
 XLER: Intermediate drive
 XLEW: Horizontal bend drive
 XLEB DD: Double drive

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

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
 H: Heavy, suspended motor, slip clutch
V: Variable speed

H – Motor power

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

B – Motor position

L: Left
 R: Right

I – Thermal protection

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

C – End drive with guided chain

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

J – Hybrid cable

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

D – Speed

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

K – Fieldbus

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

E – Gearbox

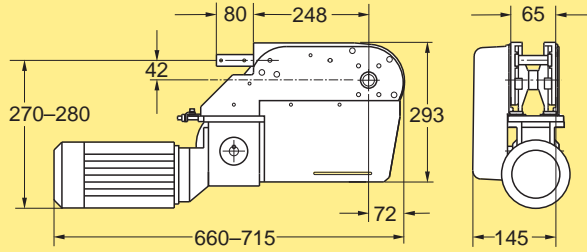
WA10: SEW motor type WA10
 WA20: SEW motor type WA20
 S37: SEW motor type S37
 SA37: SEW motor type SA37

F – Movimot size

MM03: SEW Movimot type, 0,33 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)

End drive units XL

End drive unit, suspended, slip clutch



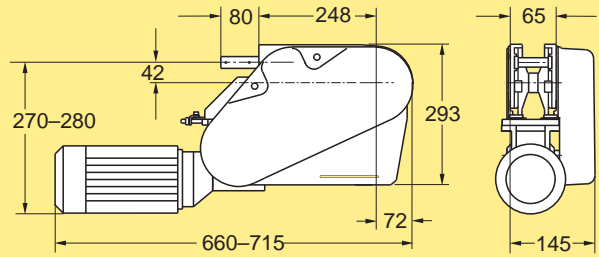
End drive unit

Speed up to 60 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLEB
XLEB 0 HL
XLEB 0 HLA

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

End drive unit, suspended, slip clutch



End drive unit

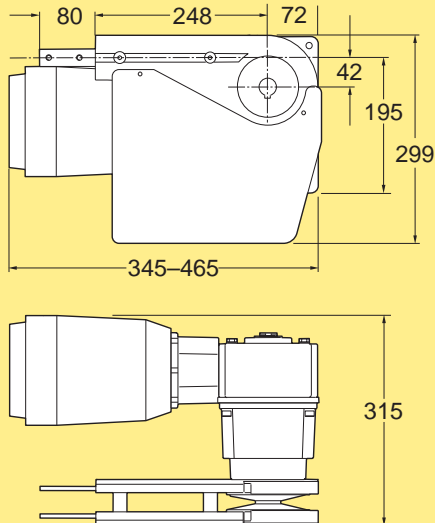
Speed up to 60 m/min
Transmission on right side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLEB
XLEB 0 HR
XLEB 0 HRA

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

End drive units XL, direct drive with slip clutch

End drive unit, direct drive with slip clutch



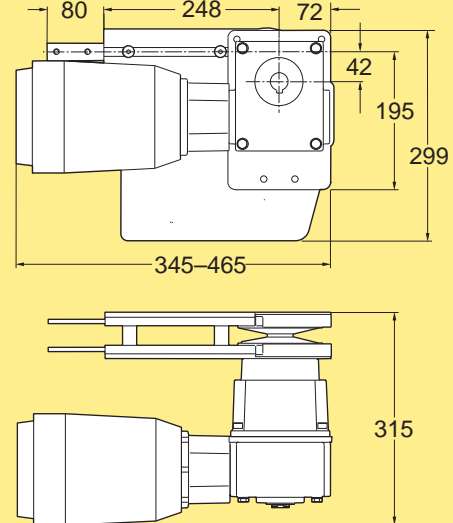
End drive unit, direct drive

Fixed speed up to 60 m/min
Variable speed: see Drive Unit Guide
Motor on left side
Fixed/variable speed*
Without motor

XLEB
XLEB 0 HLP

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

End drive unit, direct drive with slip clutch



End drive unit, direct drive

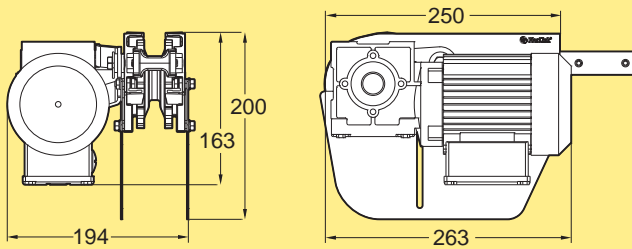
Fixed speed up to 60 m/min
Variable speed: see Drive Unit Guide
Motor on right side
Fixed/variable speed*
Without motor

XLEB
XLEB 0 HRP

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

End drive units XL Type C, direct drive, no slip clutch

End drive unit, Type C, direct drive, no slip clutch

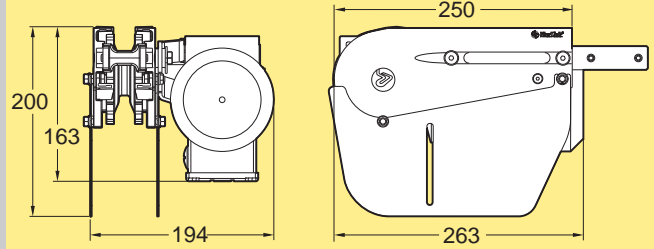


End drive unit, max 300 N
 Fixed speed up to 35 m/min
 Motor on left side
 Fixed speed*
 Without motor

XLEB
XLEB 0 CNLP

Effective track length: 0,55 m
 * Use online configurator when ordering.
 Maximum traction force: see diagram, page 19.

End drive unit, Type C, direct drive, no slip clutch



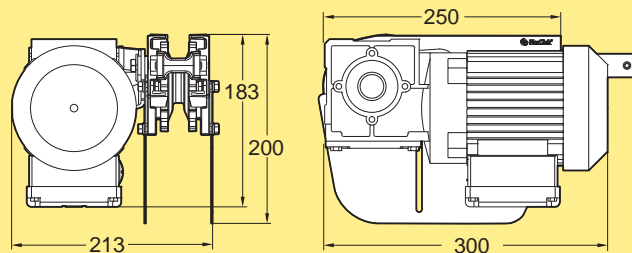
End drive unit, max 300 N
 Fixed speed up to 35 m/min
 Motor on right side
 Fixed speed*
 Without motor

XLEB
XLEB 0 CNRP

Effective track length: 0,55 m
 * Use online configurator when ordering.
 Maximum traction force: see diagram, page 19.

End drive units XL Type M, direct drive, no slip clutch

End drive unit Type M, direct drive, no slip clutch

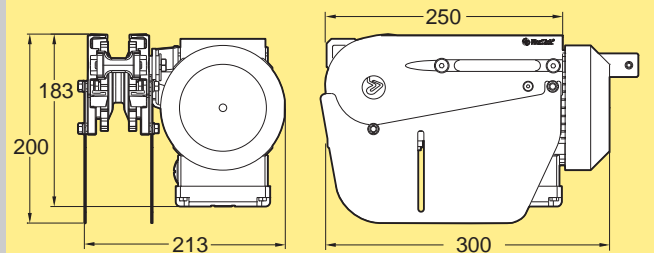


End drive unit, max 500 N
 Fixed speed up to 60 m/min
 Variable speed: see Drive Unit
 Guide
 Motor on left side
 Fixed/variable speed*
 Without motor

XLEB
XLEB 0 MNLP

Effective track length: 0,55 m
 * Use online configurator when ordering.
 Maximum traction force: see diagram, page 19.

End drive unit Type M, direct drive, no slip clutch



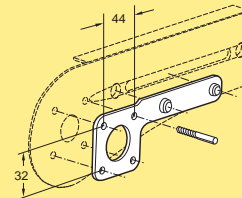
End drive unit, max 500 N
 Fixed speed up to 60 m/min
 Variable speed: see Drive Unit
 Guide
 Motor on right side
 Fixed/variable speed*
 Without motor

XLEB
XLEB 0 MMRP

Effective track length: 0,55 m
 * Use online configurator when ordering.
 Maximum traction force: see diagram, page 19.

A drill fixture (5058088) is used when drilling holes for attachment of accessories. The side plates of idlers and drive units are prepared for easy drilling of 6,5 mm holes. The holes are suitable for threading (M8).

Drill fixture for drive units Type C and M

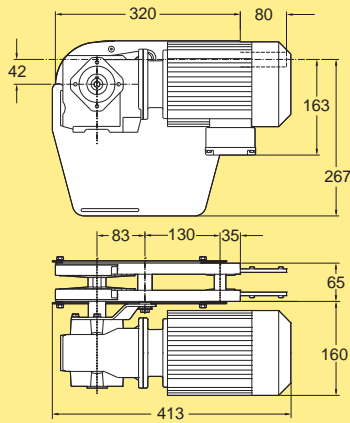


Drill fixture for XL drive units **5058088**

PO
 X45
 XS
XL
 XLP
 X85
 X85P
 XH
 XK
 XKP
 X180
 X300
 GR
 CS
 XT
 WL
 XC
 XF
 XD
 XLX
 X85X
 X180X
 X300X
 GRX
 CSX
 ELV
 CTL
 FST
 TR
 APX
 IDX

End drive units XL Type H, direct drive, no slip clutch

End drive unit, Type H, direct drive, no slip clutch

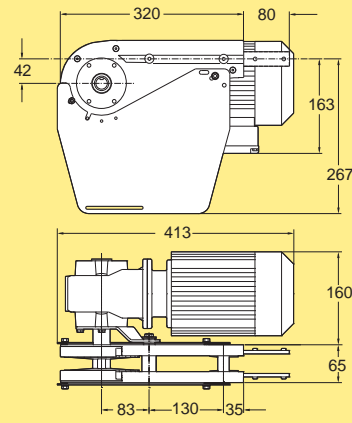


End drive unit, max 500 N
 Fixed speed up to 60 m/min
 Variable speed: see Drive Unit Guide
 Motor on left side
 Fixed/variable speed*
 Without motor

XLEB
XLEB 0 HNLP

Maximum traction force: see diagram, page 19.
 * Use online configurator when ordering.
 Effective track length: 0,80 m.

End drive unit, Type H, direct drive, no slip clutch



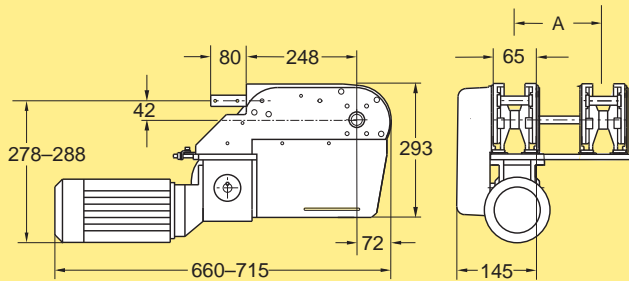
End drive unit, max 500 N
 Fixed speed up to 60 m/min
 Variable speed: see Drive Unit Guide
 Motor on left side
 Fixed/variable speed*
 Without motor (ISO)

XLEB
XLEB 0 HNRP

Maximum traction force: see diagram, page 19.
 * Use online configurator when ordering.
 Effective track length: 0,80 m.

Double drive units XL

Double drive unit, suspended



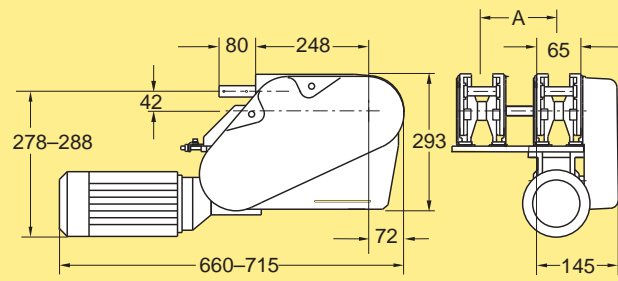
Double drive unit
 Suspended motor
 Fixed speed up to 60 m/min
 Transmission on left side
 A = 66 mm
 Fixed speed*
 Without motor (ISO)
 Without motor (ANSI)

XLEB DD
XLEB 0 HLD66
XLEB 0 HLAD66

A = 110–350 mm*
 Without motor (ISO)
 Without motor (ANSI)

Maximum traction force: 500 N. See page 19.
 * Use online configurator when ordering.
 Effective track length: 0,80 m

Double drive unit, suspended



Double drive unit
 Suspended motor
 Fixed speed up to 60 m/min
 Transmission on right side
 A = 66 mm
 Fixed speed*
 Without motor (ISO)
 Without motor (ANSI)

XLEB DD
XLEB 0 HRD66
XLEB 0 HRAD66

A = 110–350 mm*
 Without motor (ISO)
 Without motor (ANSI)

Maximum traction force: 500 N. See page 19.
 * Use online configurator when ordering.
 Effective track length: 0,80 m

Intermediate drive unit

Intermediate drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLER
XLER 0 HL
XLER 0 HLA

Maximum traction force: 200 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

Intermediate drive unit

Intermediate drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on right side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLER
XLER 0 HR
XLER 0 HRA

Maximum traction force: 200 N. See page 19.
* Use online configurator when ordering.
Effective track length: 0,80 m

X45
XS
XL
XLP
X85
X85P
XH
XK
XKP
X180
X300

Catenary drive units XL

GR

Catenary drive unit

Catenary drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on left side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

XLEC
XLEC 0 HL
XLEC 0 HLA

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 1,35 m

Catenary drive unit

Catenary drive unit
Suspended motor
Fixed speed up to 25 m/min
Transmission on right side
Fixed speed*
Without motor (ISO)
Without motor (ANSI)

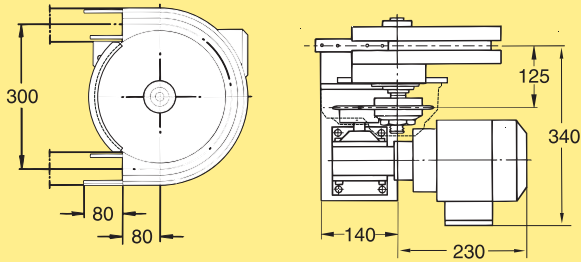
XLEC
XLEC 0 HR
XLEC 0 HRA

Maximum traction force: 500 N. See page 19.
* Use online configurator when ordering.
Effective track length: 1,35 m

CS
XT
WL
XC
XF
XD
XLX
X85X
X180X
X300X
GRX
CSX
ELV
CTL
FST
TR
APX
IDX

Bend drive unit XL

Bend drive unit, 180°



Bend drive unit, 180°

Fixed speed up to 35 m/min

Fixed speed*

Without motor (ISO)

Without motor (ANSI)

XLEW

XLEW 180/0 H

XLEW 180/0 HA

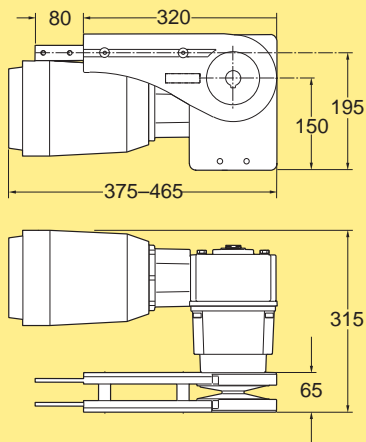
Maximum traction force: 200 N. See page 19.

* Use online configurator when ordering.

Effective track length: 0,65 m

Drive units for vertical wedge conveyors XL

Direct drive unit for vertical wedge conveyor



Direct drive unit for vertical wedge conveyor

Without chain slack

Fixed speed up to 60 m/min

Variable speed: see Drive Unit Guide

Motor on left side

Fixed/variable speed*

Without motor

XLEB

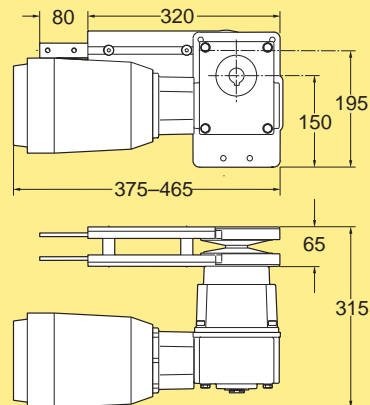
XLEB 0 HLGP

Maximum traction force: 500 N. See page 19.

* Use online configurator when ordering.

Effective track length: 0,80 m

Direct drive unit for vertical wedge conveyor



Direct drive unit for vertical wedge conveyor

Without chain slack

Fixed speed up to 60 m/min

Variable speed: see Drive Unit Guide

Motor on right side

Fixed/variable speed*

Without motor

XLEB

XLEB 0 HRGP

Maximum traction force: 500 N. See page 19.

* Use online configurator when ordering.

Effective track length: 0,80 m

Synchronous drive unit for vertical wedge conveyors

Synchronous drive unit
50 Hz 230/400 V **XLED # H**

Insert desired speed instead of # in designation:
50 Hz: 5-10-15-18-22-27-35-45-55 m/min.
60 Hz: –
Maximum traction force: 500 N. See page 19.
Effective track length: 0,80 m
Including two basic units, two cardan shafts, two gear reducers, 3-phase motor, two timing belts and reducer pulleys, motor pulley, transmission cover, mounting plate

Beam section for chain installation

Beam section for chain installation XLCC 160
Including connection strips and screws

Components for track width adjustment XL

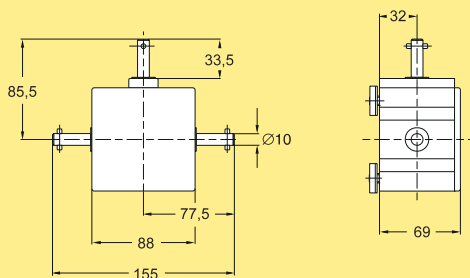
Width adjustment actuator 660 mm

Width adjustment actuator **XCLA 660 A**
Including beam and angle gear unit

Width adjustment actuator 950 mm

Width adjustment actuator **XCLA 950 A**
Including beam and angle gear unit

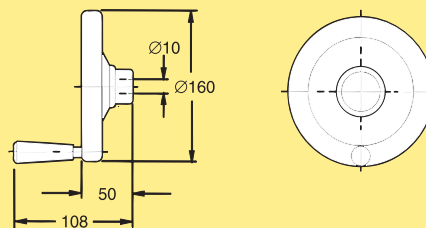
Angle gear unit



Angle gear unit

XCFW 90

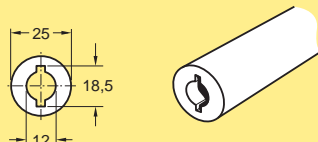
Handwheel for 10 mm shaft



Handwheel for 10 mm shaft

XLAW 160x10

Shaft



Shaft

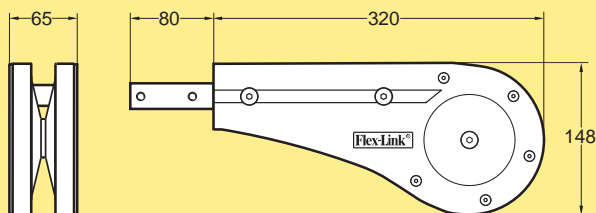
Length 3 m

XLFX 3

The shaft is used to connect angle gear units XCFW 90 to synchronize adjustment of the track width. Use XLAP 28 spring pins to secure the shafts axially.

Idler units XL

Idler end unit

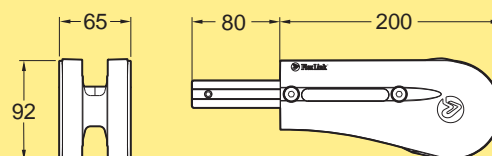


Idler end unit

XLEJ 320

Effective track length: 0,80 m

Idler end unit Type S



Idler end unit

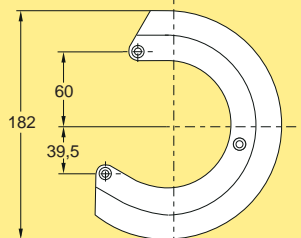
Compact version

XLEJ 200 S

Effective track length: 0,45 m

Each side plate has four unfinished holes for attachment of accessories. Requires drilling through side plate. A drill fixture (5057143) is available. See page 101.

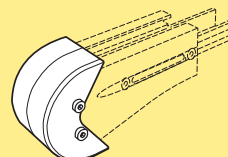
Protective cover for idler end unit



Protective cover for XLEJ 320

XLSJ 182

Protective cover for idler end unit

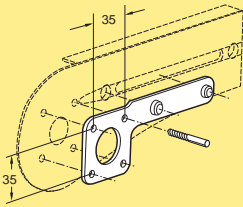


Protective cover for XLEJ 200 S

XLSJ 116

Including mounting screws (M8). Requires drilling of two holes in each side plate. Use drill fixture 5057143.

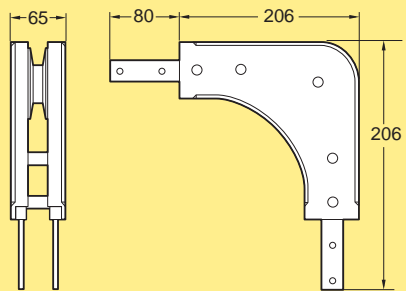
Drill fixture for idler end unit



Drill fixture for XLEJ 200 5057143

The drill fixture is used when drilling holes for attachment of accessories. The side plates of idlers and drive units are prepared for easy drilling of 6,5 mm holes. The holes are suitable for threading (M8).

Idler bend unit, 90°

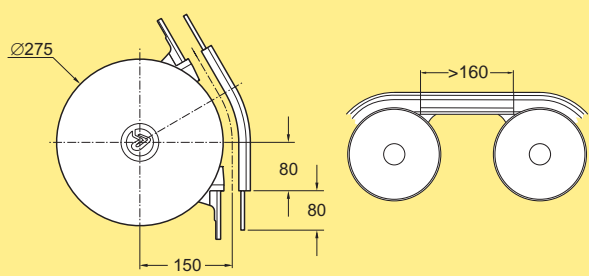


Idler bend unit, 90° XLEK 90R40

Effective track length: 0,40 m 1-way (0,70 m 2-way)

Wheel bends XL

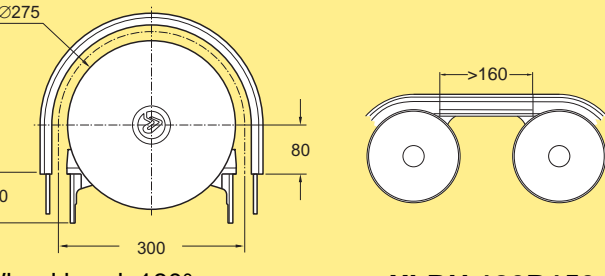
Wheel bend, 30°



Wheel bend, 30° XLBH 30R150 A

Effective track length: 0,25 m 1-way (0,50 m 2-way)

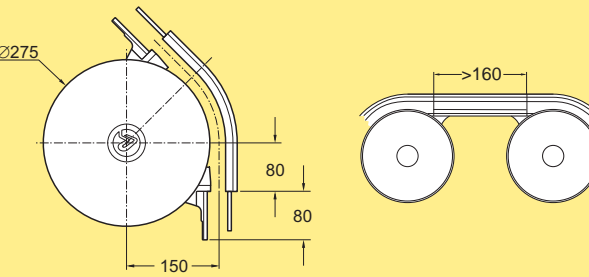
Wheel bend, 180°



Wheel bend, 180° XLBH 180R150 A

Effective track length: 0,65 m 1-way (1,30 m 2-way)

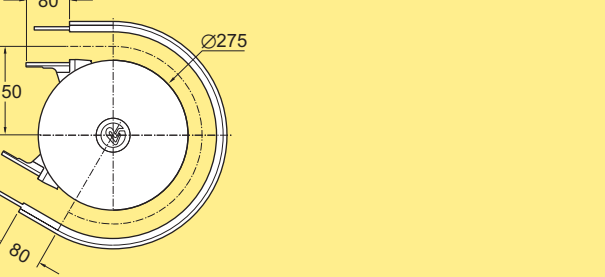
Wheel bend, 45°



Wheel bend, 45° XLBH 45R150 A

Effective track length: 0,30 m 1-way (0,60 m 2-way)

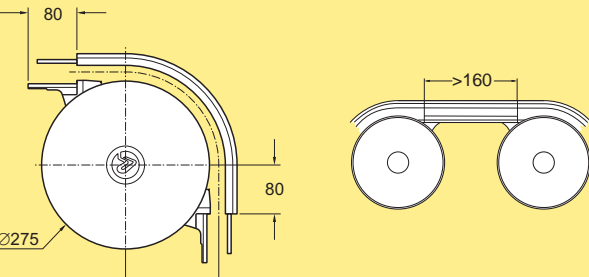
Wheel bend, 210°



Wheel bend, 210° XLBH 210R150 A

Effective track length: 0,75 m 1-way (1,50 m 2-way)

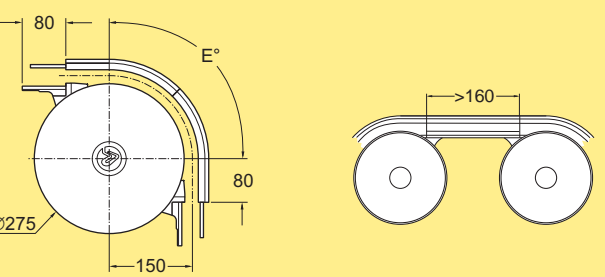
Wheel bend, 90°



Wheel bend, 90° XLBH 90R150 A

Effective track length: 0,40 m 1-way (0,80 m 2-way)

Wheel bend, 30°-180°

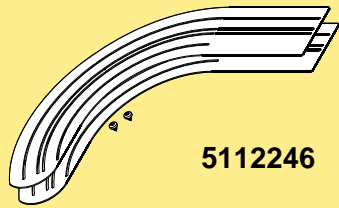


Wheel bend, 30°-180° XLBH ER150 A

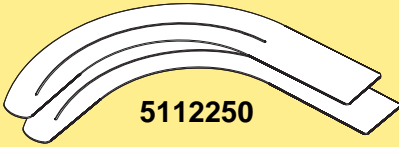
The outer bend is cut in the middle to the desired angle and assembled using connecting strips. The angle "E" must be specified when ordering.

Wheel cover for Wheel bend

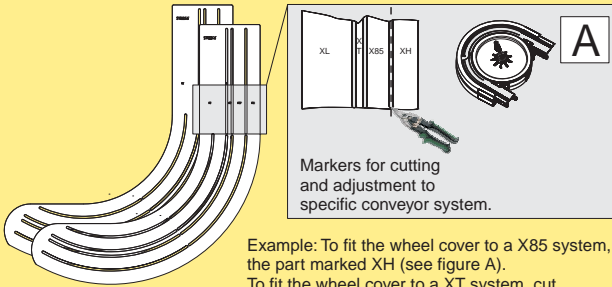
Wheel cover for XL, XT, X85, XH and XK



5112246



5112250



Example: To fit the wheel cover to a X85 system, cut the part marked XH (see figure A).
To fit the wheel cover to a XT system, cut the parts marked X85 and XH.

Wheel cover for XL, XT, X85, XH **5112246**

(Including one pair of Wheel cover

5112244 and 2 tap screw ISO

7049 4,2x6,5-C-H-A2K)

Wheel cover for XK **5112250**

(Including one pair of Wheel cover

5112247 and 2 tap screw ISO

7049 4,2x6,5-C-H-A2K)

Plain bend, 30°

Plain bend, 30°±1°
 R=300±10 mm
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XLBP 30R300
XLBP 30R500
XLBP 30R700
XLBP 30R1000

Effective track lengths:
 R300: 0,60 m 1-way (1,15 m 2-way)
 R500: 0,70 m 1-way (1,35 m 2-way)
 R700: 0,80 m 1-way (1,55 m 2-way)
 R1000: 0,95 m 1-way (1,85 m 2-way)

Plain bend, 60°

Plain bend, 60°±1°
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XLBP 60R500
XLBP 60R700
XLBP 60R1000

Effective track lengths:
 R500: 0,95 m 1-way (1,85 m 2-way)
 R700: 1,15 m 1-way (2,30 m 2-way)
 R1000: 1,45 m 1-way (2,90 m 2-way)

Plain bend, 45°

Plain bend, 45°±1°
 R=300±10 mm
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XLBP 45R300
XLBP 45R500
XLBP 45R700
XLBP 45R1000

Effective track lengths:
 R300: 0,65 m 1-way (1,35 m 2-way)
 R500: 0,80 m 1-way (1,60 m 2-way)
 R700: 0,95 m 1-way (1,90 m 2-way)
 R1000: 1,20 m 1-way (2,40 m 2-way)

Plain bend, 90°

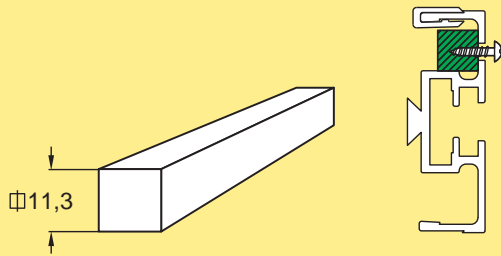
Plain bend, 90°±1°
 R=300±10 mm
 R=500±10 mm
 R=700±10 mm
 R=1000±10 mm

XLBP 90R300
XLBP 90R500
XLBP 90R700
XLBP 90R1000

Effective track lengths:
 R300: 0,90 m 1-way (1,75 m 2-way)
 R500: 1,20 m 1-way (2,40 m 2-way)
 R700: 1,50 m 1-way (3,00 m 2-way)
 R1000: 2,00 m 1-way (3,95 m 2-way)

Support rail for plain bends XL

Support rail for plain bend



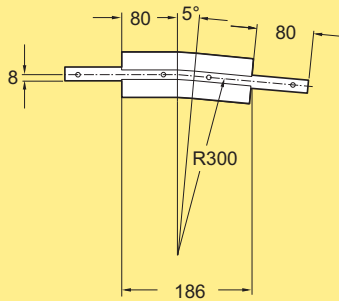
Support rail for plain bends, XL
 Length 2,4 m
 Polyamide

5048390

Fix with sheet metal screw ISO 7049 4,2x9,5 or similar.
 See page 481 for installation instructions.

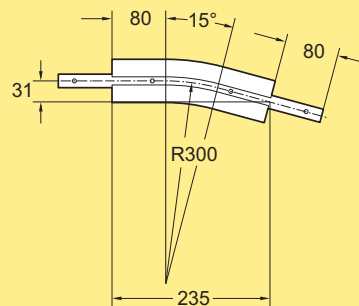
Vertical bends XL

Vertical bend, 5°



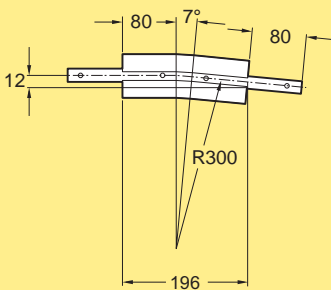
Vertical bend, 5° **XLBV 5R300**
 Effective track length: 0,20 m 1-way (0,40 m 2-way)

Vertical bend, 15°



Vertical bend, 15° **XLBV 15R300**
 Effective track length: 0,25 m 1-way (0,50 m 2-way)

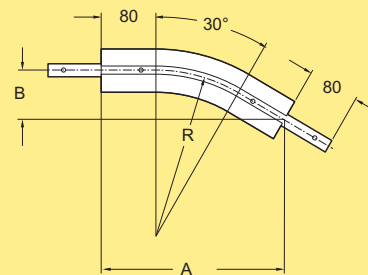
Vertical bend, 7°



Vertical bend, 7° **XLBV 7R300**
XLBV 7R1000
 R= 300, A=196, B=12
 R=1000, A=281, B=17

Effective track length:
 R300: 0,20 m 1-way (0,40 m 2-way)
 R1000: 0,30 m 1-way (0,60 m 2-way)

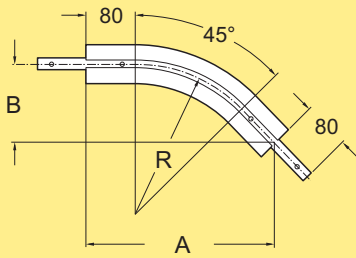
Vertical bend, 30°



Vertical bend, 30° **XLBV 30R300**
XLBV 30R1000
XLBV 30R1225
 R= 300, A=299, B= 80
 R=1000, A=649, B=174
 R=1225, A=762, B=204

Effective track length:
 R300: 0,35 m 1-way (0,65 m 2-way)
 R1000: 0,70 m 1-way (1,40 m 2-way)
 R1225: 0,85 m 1-way (1,65 m 2-way)

Vertical bend, 45°



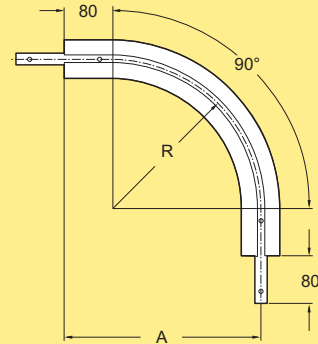
Vertical bend, 45°

R= 300, A= 349, B=144 **XLBV 45R300**
 R=1000, A= 844, B=349 **XLBV 45R1000**
 R=1225, A=1003, B=415 **XLBV 45R1225**

Effective track length:

R300: 0,45 m 1-way (0,80 m 2-way)
 R1000: 0,95 m 1-way (1,90 m 2-way)
 R1225: 1,15 m 1-way (2,30 m 2-way)

Vertical bend, 90°



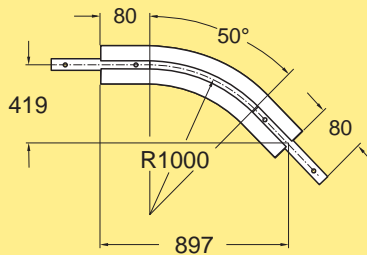
Vertical bend, 90°

R= 300, A= 380 **XLBV 90R300**
 R=1000, A=1080 **XLBV 90R1000**

Effective track length:

R300: 0,70 m 1-way (1,30 m 2-way)
 R1000: 1,75 m 1-way (3,50 m 2-way)

Vertical bend, 50°

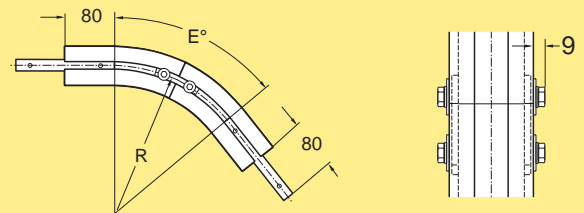


Vertical bend, 50°

XLBV 50R1000

Effective track length: 1,10 m 1-way (2,15 m 2-way)

Vertical bend, 5°-90°

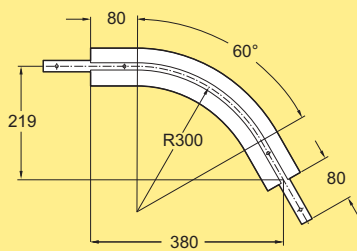


Vertical bend, 5°-90°

R=300 **XLBV ER300**
 R=1000 **XLBV ER1000**

The bend is cut in the middle to the desired angle and assembled using connecting strips. The angle "E" must be specified when ordering.

Vertical bend, 60°



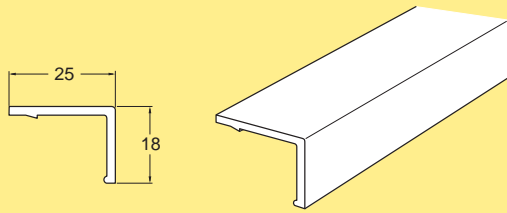
Vertical bend, 60°

XLBV 60R300

Effective track length: 0,50 m 1-way (0,95 m 2-way)

Angle plates XL

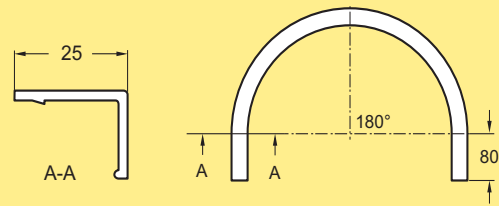
Angle plate, straight



Angle plate
Length 3 m

XLRP 3

Angle plate for 180° bend

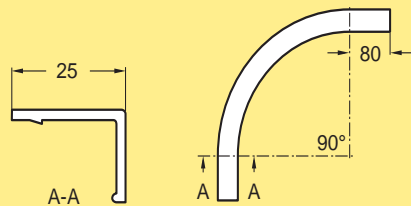


Angle plate for 180° bend
Inner radius 182,5 mm

XLRM 180

Used with XLBH 180R150 and XLEW 180/5 H

Angle plate for 90° bend



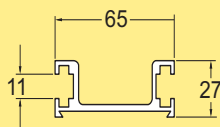
Angle plate for 90° bend
Inner radius 182,5 mm

XLRM 90

Used with XLBH 90R150

Front piece XL

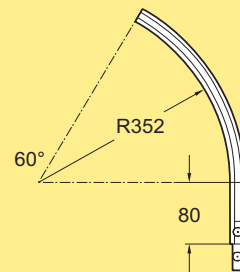
Front piece



Front piece
Length 3 m

XLVF 3

Front piece upper bend

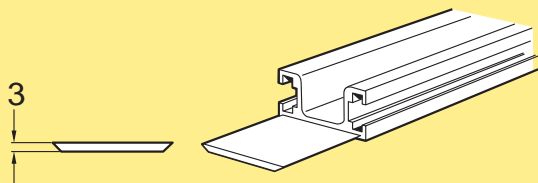


Upper bend, 60°

XLVA 60R352

Includes connecting strip with screws

Sliding strip for front piece



Sliding strip for front piece
Length 2 m

XLVG 2

The sliding strip must be anchored to the front piece.

Front piece lower bend

Lower bend, 60°
Includes connecting strip with screws

XLVB 60R245

Bend support for front piece

Bend support
D=33 mm
D=58 mm

**XLVS 33
XLVS 58**

Linkage kit for front piece

Linkage kit
W=130, D=33
W=180, D=58

**XLVK 33
XLVK 58**

Kit consists of two support pairs and one locking device.

Drip trays XL

Drip tray

Drip tray
Length 3 m

XLDT 3x107 B

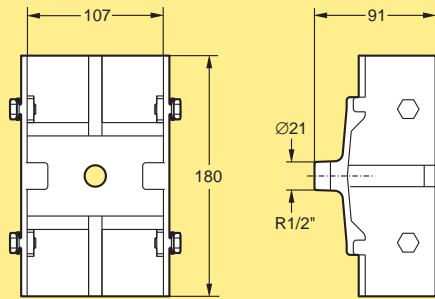
Drip tray bracket

Drip tray bracket (10 pcs)

XLDB 21x100

Drip trays XL (continued)

Drip tray connector

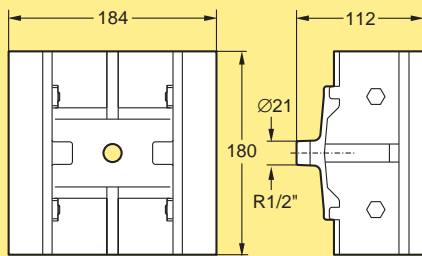


Drip tray connector
With drip outlet

XLDJ 107 B

Including screw kit

Drip tray connector with drip catcher

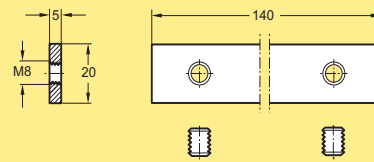


Drip tray connector with integrated
drip catcher
With drip outlet

XLDJ 107 BW

Including screw kit

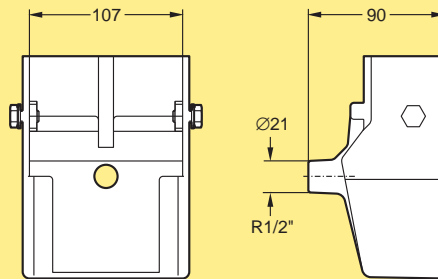
Connecting strip



Connecting strip with set screws **XLCJ 5x140**

Note. Must be ordered in multiples of 10

End pan for drip tray

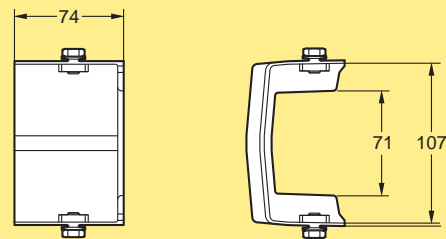


End pan for drip tray
With drip outlet

XLDE 107 B

Including screw kit

End cap for drip tray



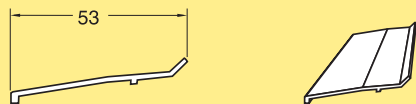
End cap for drip tray

XLDC 107 B

Including screw kit

Drip catchers XL

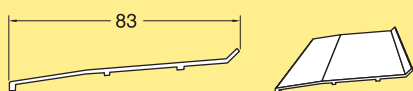
Drip catcher 53 mm



Drip catcher 53 mm
Length 3 m

XHDS 3x53

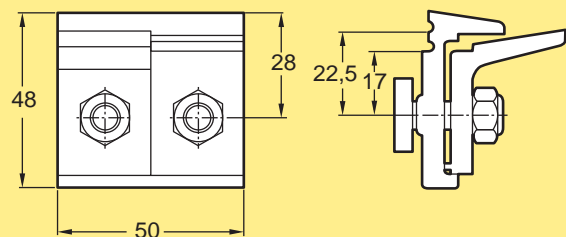
Drip catcher 83 mm



Drip catcher 83 mm
Length 3 m

XHDS 3x83

Drip catcher bracket assembly



Drip catcher bracket assembly

XHDR 23

Including T-bolts and nuts

Drip pan for wheel bend 30°

Drip pan for wheel bend 30°
Including screw kit

XLDH 30×107 B

Drip pan for wheel bend 45°

Drip pan for wheel bend 45°
Including screw kit

XLDH 45×107 B

Drip pan for wheel bend 90°

Drip pan for wheel bend 90°
Including screw kit

XLDH 90×107 B

Drip pan for wheel bend 180°

Drip pan for wheel bend 180°
Including screw kit

XLDH 180×107 B

Drip pan, upper, for vertical bend

Drip pan, upper, for vertical bend
 $\alpha=30^\circ$
 $\alpha=45^\circ$
 $\alpha=60^\circ$
 $\alpha=90^\circ$

XLDV 30×107 BU
XLDV 45×107 BU
XLDV 60×107 BU
XLDV 90×107 BU

Including screw kit

Drip pan, lower, for vertical bend

Drip pan, lower, for vertical bend
 $\alpha=30^\circ$
 $\alpha=45^\circ$
 $\alpha=60^\circ$
 $\alpha=90^\circ$

XLDV 30×107 BL
XLDV 45×107 BL
XLDV 60×107 BL
XLDV 90×107 BL

Including screw kit

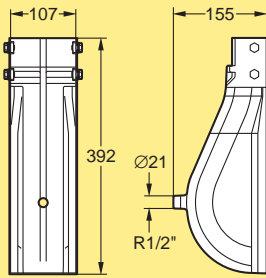
Drip pan, upper, for 90° vertical bend

Drip pan, upper, for 90° vertical bend
With drip outlet

XLDV 90×107 B

Including screw kit

End pan for idler end unit

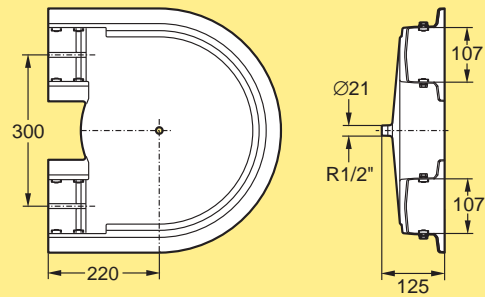


End pan for idler end unit
With drip outlet

XLDD 107 B

Including screw kit

Drip pan 180° with drip catcher

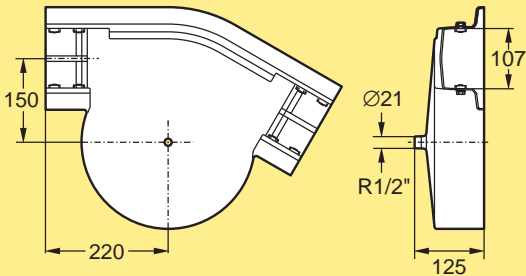


Drip pan for wheel bend 180°
With integrated drip catcher

XLDH 180×107 BW

Including screw kit

Drip pan 30° with drip catcher

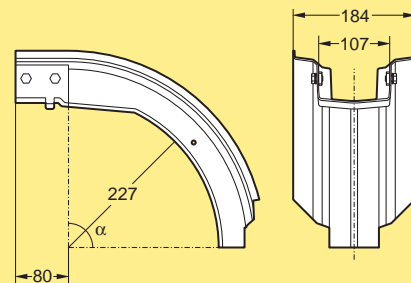


Drip pan for wheel bend 30°
With integrated drip catcher

XLDH 30×107 BW

Including screw kit

Drip pan, upper, with drip catcher, for vertical bend



Drip pan, upper, for vertical
bend

With integrated drip catcher

XLDV 30×107 BUW

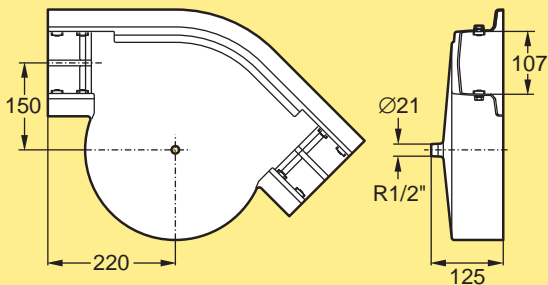
XLDV 45×107 BUW

XLDV 60×107 BUW

XLDV 90×107 BUW

Including screw kit

Drip pan 45° with drip catcher

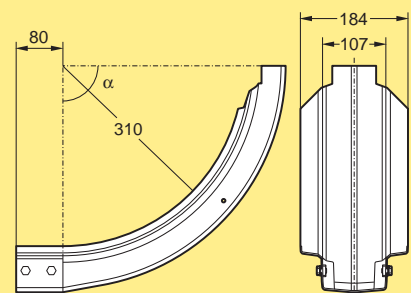


Drip pan for wheel bend 45°
With integrated drip catcher

XLDH 45×107 BW

Including screw kit

Drip pan, lower, with drip catcher, for vertical bend



Drip pan, lower, for vertical
bend

With integrated drip catcher

XLDV 30×107 BLW

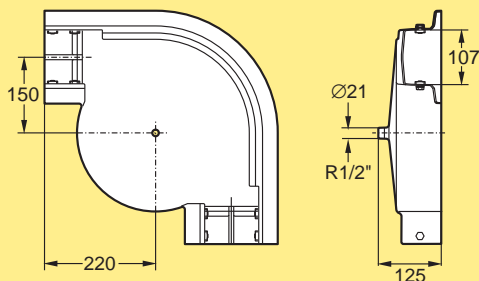
XLDV 45×107 BLW

XLDV 60×107 BLW

XLDV 90×107 BLW

Including screw kit

Drip pan 90° with drip catcher



Drip pan for wheel bend 90°
With integrated drip catcher

XLDH 90×107 BW

Including screw kit

Drip pan, upper, with drip catcher, for 90° vertical bend

Drip pan, upper, for 90° vertical bend
 With integrated drip catcher and drip outlet
XLDV 90x107 BW
 Including screw kit

End pan with drip catcher, for idler end unit

End pan for idler end unit
 With integrated drip catcher and drip outlet
XLDD 107 BW
 Including screw kit

