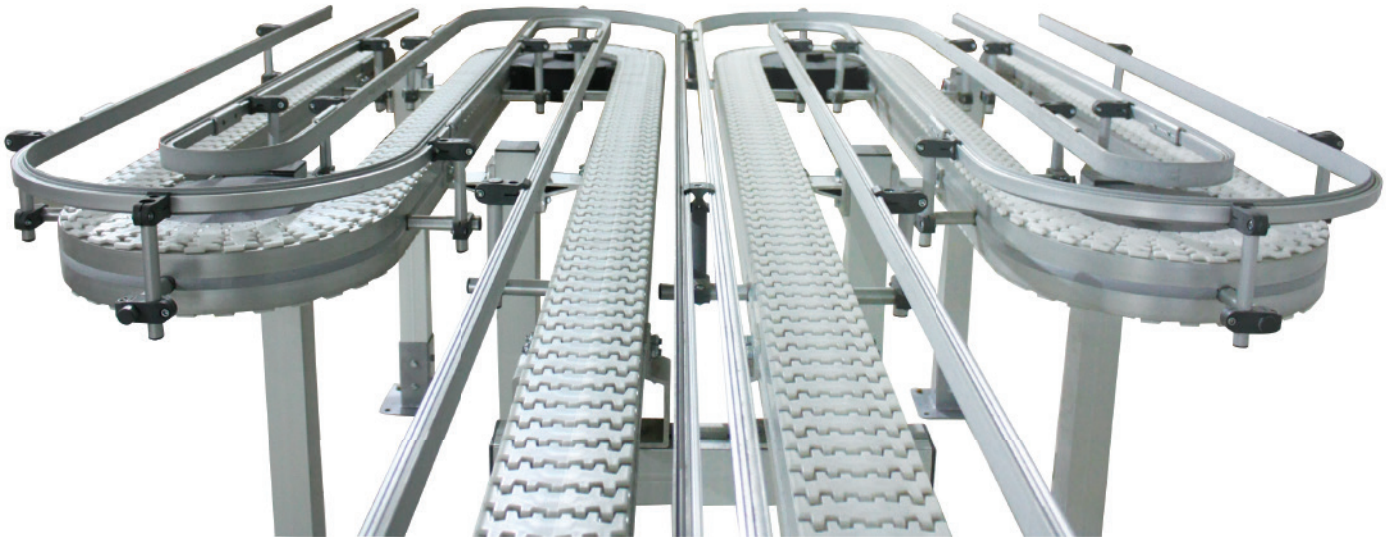
PRODUCT CATALOG

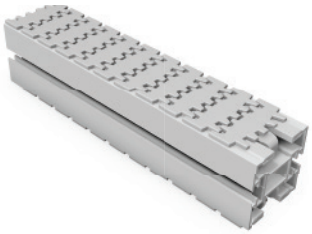
Complex Configurations that Assemble in a Snap

High Speed Performance - Up to 76 mpm

Reduces Conveyor Footprint

Ideal for Curves, Inclines & Declines





# FlexMove®

## Aluminum Flexible Chain Conveyors

DORNER®

FlexMove

# CONVEYOR FEATURES

## WHEEL CORNERS
ELIMINATE CORNER FRICTION ALLOWING MULTIPLE CORNER CONFIGURATIONS

## VERTICAL BENDS
FOR SMOOTH ELEVATION CHANGES AND EFFICIENT USE OF VERTICAL SPACE

## TRANSFERS
FOR SMOOTH IN-LINE TRANSFER OF PRODUCT

## T-SLOT FRAMEWORK
FOR EASE OF MOUNTING ACCESSORIES

## MODULAR FRAMING
FOR FUTURE ADD ON CAPABILITY AND PRODUCTION LINE CHANGES

## SUPPORT POST
PROVIDE ADJUSTABLE HEIGHT WHILE OPTIMIZING THE USE OF FLOOR SPACE


**APRIL 2018**

## Basic System Selection

We provide a wide selection of chain sizes to cover a wide variety of product sizes and shapes.
In order to select the right chain size to use in your application, consider the following selection criteria:

- **Product Dimensions**
  A product can be two or three times wider than the conveyor chain as long as the center of gravity of the product falls within the chain width. Extra supporting guide rails are required and testing is recommended.

- **Product Weight**
  Product weight is important in chain selection as each chain has its maximum traction force. Traction force calculation is required when there are several heavy products to be conveyed, and it will increase further if the products are accumulated on the conveyor.

- **Conveyor Functions Available**
  Most of the conveyor functions are available in all conveyor series. However there are differences with regard to the chain types, drive unit and idler unit variants. Selection of drive type is important as different drives have different traction forces.

- **Technical Calculation**
  It is important to calculate total load on conveyor based on product weight, distance between products, accumulation and length of the system. The frequency of start /stop, chain tension and service factor are important. If the calculated capacity is higher than the selected drive and chain series, the conveyor should be shorten or select a system with higher capacity.

- **Floor Space Available**
  Utilizes floor space available at its maximum and provides the smallest foot print for conveyor layout possible.

- **Intermediate Drive Unit**
  An intermediate drive is best utilized when space restriction prohibits the placement of the end drive unit. It required two idler end units at each end. The gear motor can be coupled directly or suspended underneath the drive unit at both right and left orientation. Adjustable torque limiter can be added to protect the conveyor system. The traction force is lower than other end drive units due to less engagement between drive sprocket and chain.

## Basic System Selection *continued*

- **Catenary Drive Unit**
  Catenary Drives are designed to accommodate top-running chains and are commonly used in application of single loop or alpine conveyor system. Additional idler end unit is not required. Only suspended version is available.

- **Combined Drive and Idler Unit**
  A combined drive and idler consist of one end drive and one idler end unit mounted in a single assembly with a transfer bridge for smooth transfer of products. It has a smaller footprint compared to side transfer design. Available in both direct and suspended drive versions, the gear motor can be coupled at both left and right orientation. Adjustable torque limiter can be added to protect the conveyor system.

- **Wheel Drive Unit**
  Wheel drive are used for applications using single loop or alpine conveyor system without return chain. Both direct and suspended drive versions are available with the gearmotor mounted underneath. The traction force is lower than other end drive units as the gear wheel engages the side of the chain.

## Idler End Unit

The function of the idler end is to change the direction of the moving chain. Available in both standard idler end unit (180°) and idler bend unit (90°). It comes with 2pc connecting strips at the connection end.

- **Idler End Unit (standard 180°)**
  The moving chain is transferred 180° from the bottom of the conveyor beam to the top through a flange guide with minimal friction.

- **Idler Bend Unit (90°)**
  The idler bend unit converts and changes the chain direction in 90° perpendicular to incoming chain direction.

## Bends

Bends are used to change the direction of chain movement in conveyors. There are 3 types of bends available:

- **Wheel bends**
  Designed with top and bottom wheels that rotate freely with the chain and are supported by a dual sealed ball bearing, providing the lowest friction, minimum bend force and smallest turning radius compared to other types of bends. Besides standard 30°, 45°, 60°, 90° and 180° configurations, special angles are also available upon request. Select a horizontal wheel bend whenever is possible.

- **Horizontal Bends**
  An alternative to wheel bends, horizontal bends are useful in conditions requiring large space, long products with large turning radius and twin – track bend applications. It has higher friction compared to wheel bends. Larger radius is recommended for lower friction and less stress on slide rail.

- **Vertical Bends**
  A vertical bend provides vertical change of the conveyors moving direction. It can be used either as a convex or concave bend. Vertical bends increase the chain tension and cause higher stress on the slide rail. Avoid using more than four 90° vertical bends in one conveyor.

## Slide Rail

A slide rail provides low friction and wear resistance track for the chain to slide on. It is mounted to a conveyor frame using screws or rivets. Various types of slide rails are available to meet different requirements like normal operation, high speed, high load, conductive and accumulation applications.

## Conveyor Frames

Conveyor frames are made of anodized Aluminum extrusion that comes in standard length of 3meter section. T-slot flexibly allow drives, idlers, bends, guide rail bracket, leg support and other accessories to be connected using connecting strips or bolts and nuts. Aluminum extrusion has great advantages such as high strength and light weight. Two connecting strips are required for joining.

## Guide Rail Assembly System

Guide rail components are used to guide and contain products throughout the conveyor system and prevent them from falling off the conveyor. We provide a comprehensive range of guide rails, covers and brackets either fixed or adjustable to cover many specialized product sizes and shapes.

## Structural System

Our structural support system consists of support beams, support brackets, foots and end caps that are interconnected to form robust support structure for every conveying need.

## Conveyor Accessories

We offer a wide selection of conveyor accessories from special bolt & nuts, brackets, connecting strips, rivets, rollers, T-slot cover and washers for inter-connection between modules and components.

# ELEVATING & LOWERING SYSTEMS

## Alpine Conveyor

The Alpine Conveyor is a compact spiral configuration commonly used as an accumulation or buffer zone in between machines or as a process step for cooling or drying. It is also used for line balancing and for repair and maintenance purposes.

It can be configured as an elevating/lowering system with a single or double serpentine configuration and used as an in-line accumulator with entry and exit at different levels, or an in-line or off-line accumulator with entry and exit at the same level.

The Alpine conveyor maximizes vertical space and ensures the efficient utilization of machines with different speeds and provides storage for pucks.

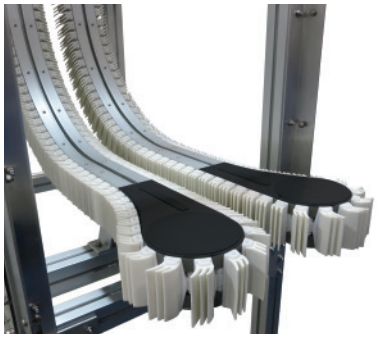
## Wedge Conveyor

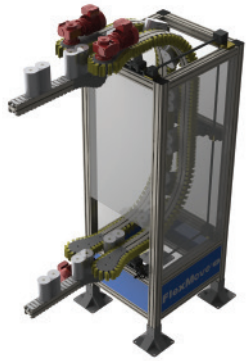
Our wedge conveyors are used to take products from production floor level to a higher level or vice versa. Products are wedged between opposing conveyors lined vertically or horizontally and are moved swiftly but securely.

Wedge Conveyors are easy to construct, lightweight and have compact footprints. Its rapid transfer rate makes it ideal for use in continuous, high capacity operations such as packaging lines. Built with Aluminum and stainless steel, it meets the stringent hygiene standard required for medical and cosmetic packaging.

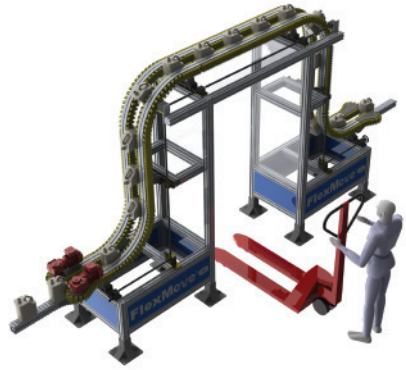
Wedge Conveyors can be configured differently for a variety of uses, such as a transition between different travel orientations, de-pucking operations, inverted rinse operations and even for creating a passage way on the production floor.

Wedge Conveyors are not suitable for wet products, heavy products or products that cannot withstand side pressure.





C-Wedge



N-Wedge

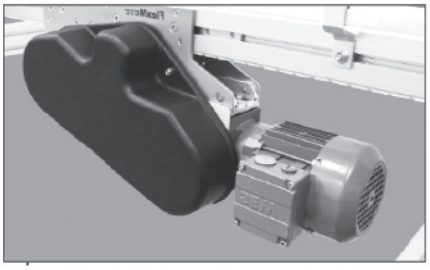
S-Wedge

## PALLET SYSTEMS

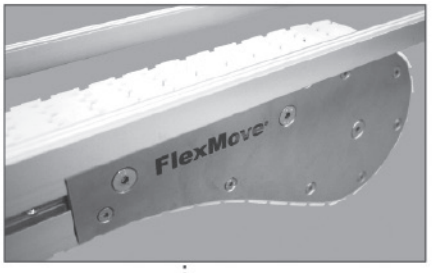
Our Pallet Systems are designed to facilitate the transportation of products from the same category with similar sizes. Products are placed on a standard-sized pallet that runs through an assembly process. This gives customers the flexibility of palletizing products of various sizes on the same conveyor system.

Our Pallet Systems can be configured in single track, twin-track or multi-track systems. Combine that with our proprietary sub-assembly modules such as pallet stopper, pallet lifter, pallet transfer, pallet rotator, pallet stackers and de-stackers to achieve a total integrated pallet system.

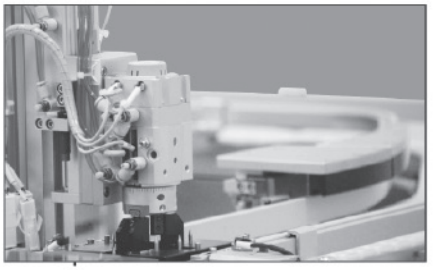
1 Intermediate Drive

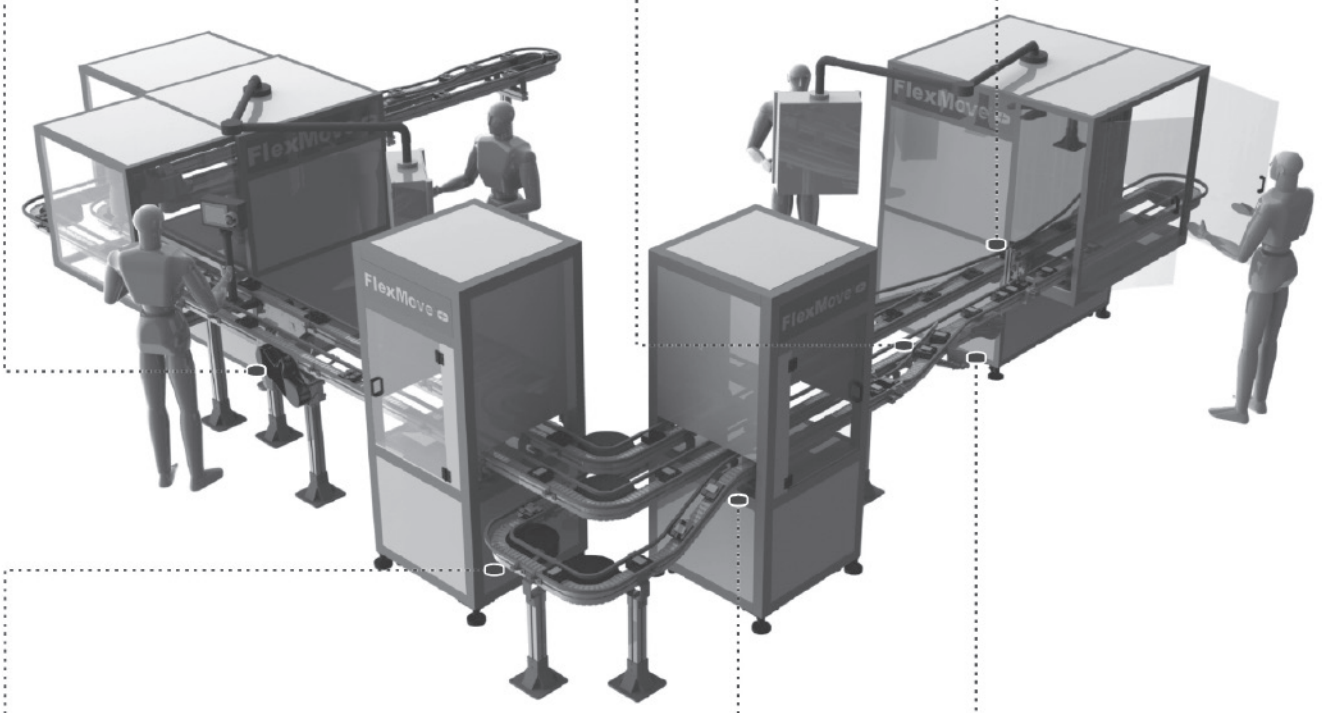


2 Idler End

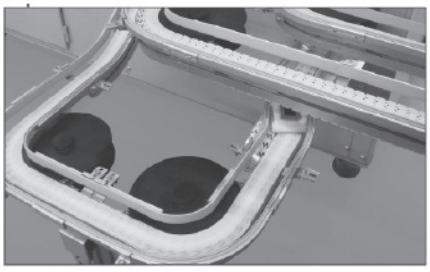



3 Rotary

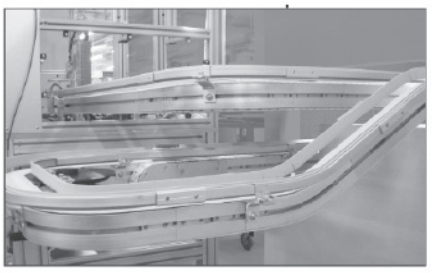




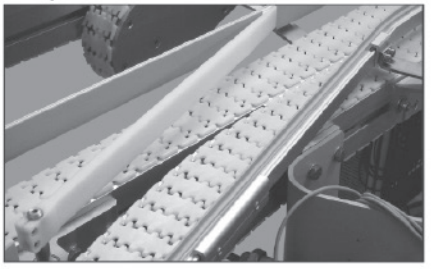

4 Wheel Bend



5 Vertical Bend



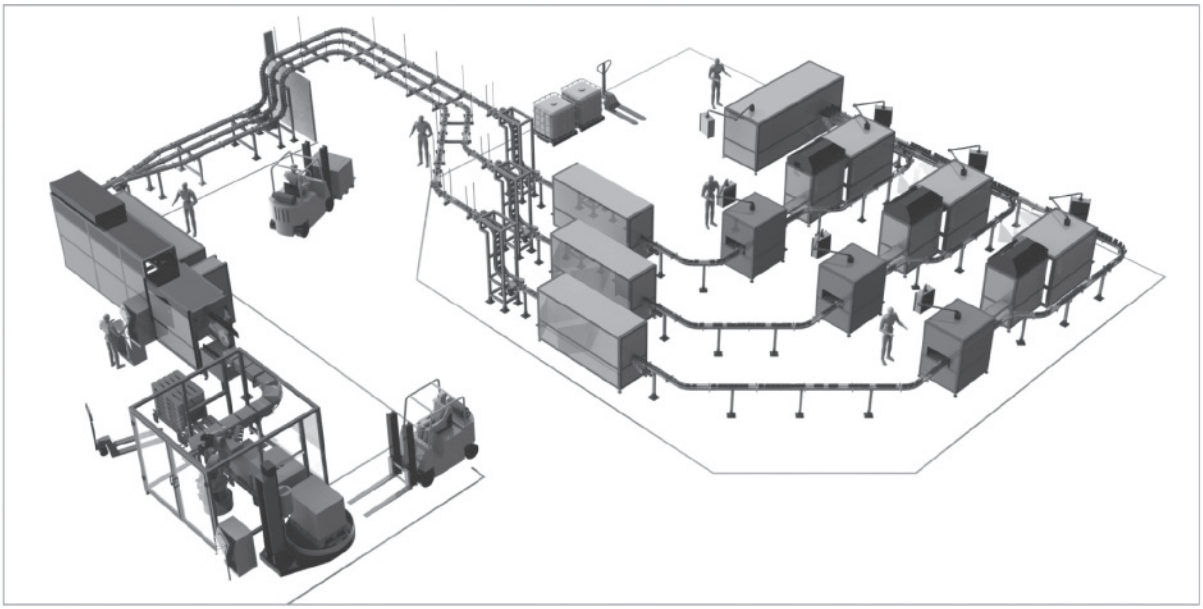
6 Diverter



## PRODUCTION LINES

The ideal production conveyor system should have a simple set-up and offer the flexibility to adapt to the changes in product types and sizes, packaging formats, processes, market demands and trends.

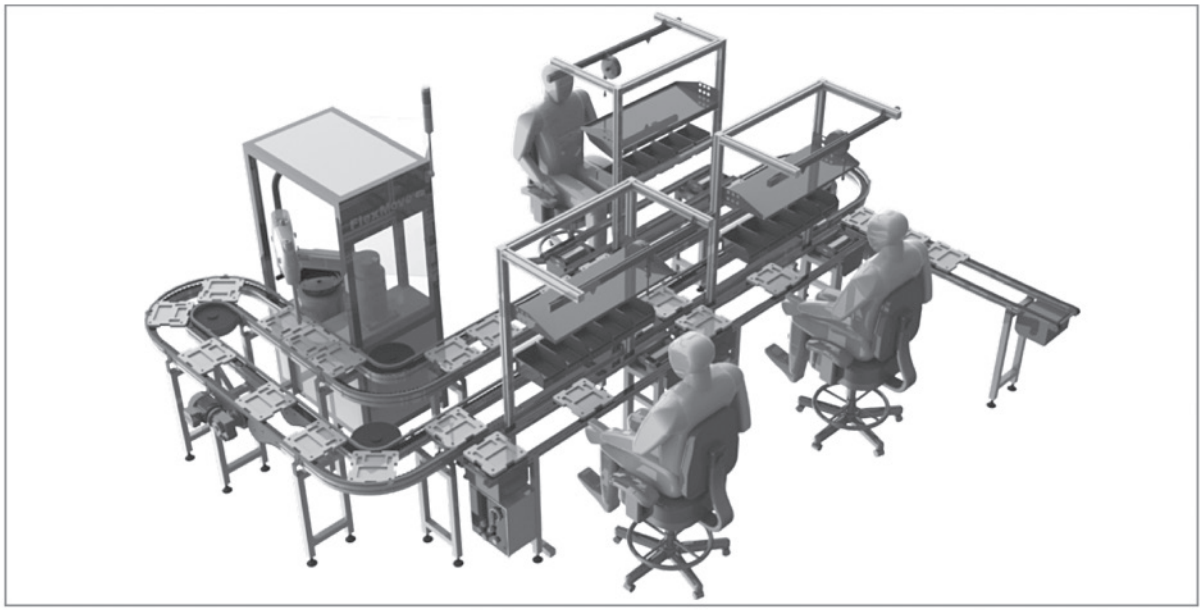
Our system comes with pre-engineered modules and components that offer customers the versatility to customize their line according to their needs and yet provide the flexibility for future changes and expansion. Ease of assembly and integration of our systems eliminates costly engineering intervention, equipment disposal and lower cost of ownership.



## TWIN-TRACK SYSTEMS

Employed to convey palletized products from one process or assembly station to another. Based on a modular system, these solutions offer customers the ease of plug & play with flexible configuration options.

Production capacity is maximized as a result of minimal product routing. Twin-Track Systems are well suited for manual or automatic assembly and test systems in the automotive and electrical/electronics industries.



**FK Series** is a compact and neat design for small items and fast transportation.
It is also used for twin track application for pallet assembly line.

## FK Series Characteristic

**Beam Width:** 45mm

**Product Width:** Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25K OR FASR-25KU

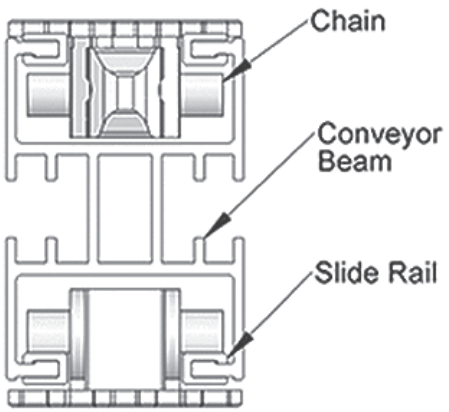
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE OR UHMW-PE

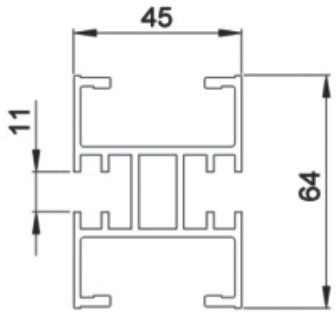
**Slide Rail Rivet:** FASLS-M3

Connecting strip is used to connect 2 beams.

Connecting Strip: FACS-20x140

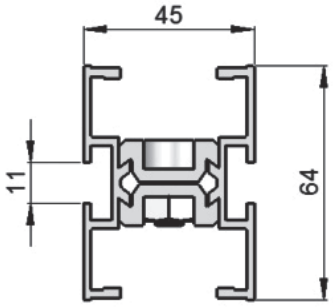



## Conveyor Beam FKCB-3

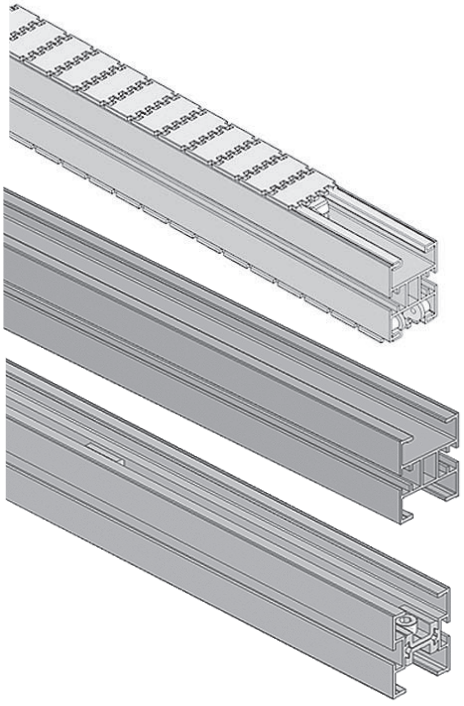



**UOM: 3 Meter / Length**

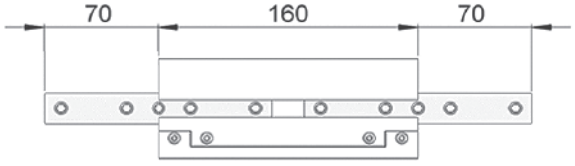
## Conveyor Half Beam FKCB-3H

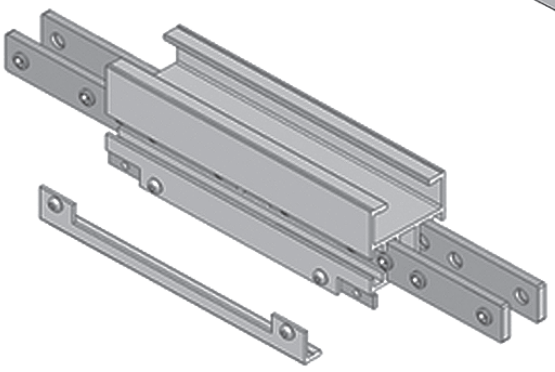



**UOM: 3 Meter / Length**



## Chain Connecting Module FKCC-160



**UOM : pc**

## Chain Common Data

**Packaging:** 5m per box

**Pitch:** 25.4mm

**Width:** 44mm

Tensile Strength at 20°C: 4000N

**Colour:** White & Black (Conductive)

## Material :-

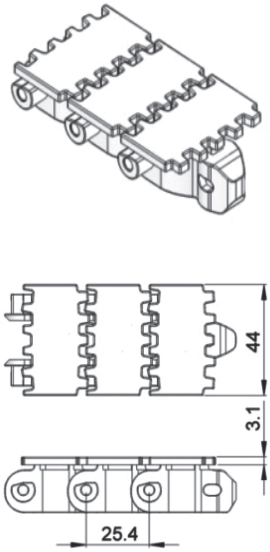
**Chain:** White Acetal / POM

**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

**Insert (Wedge & Friction):** TPE Grey

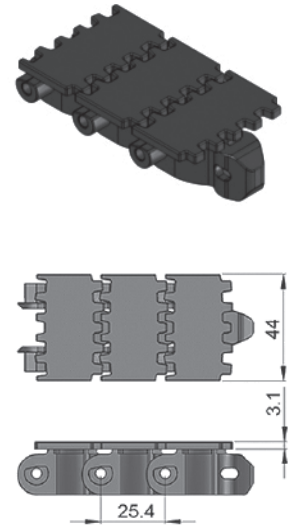
### Standard Plain Chain **FKPC-5**




**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

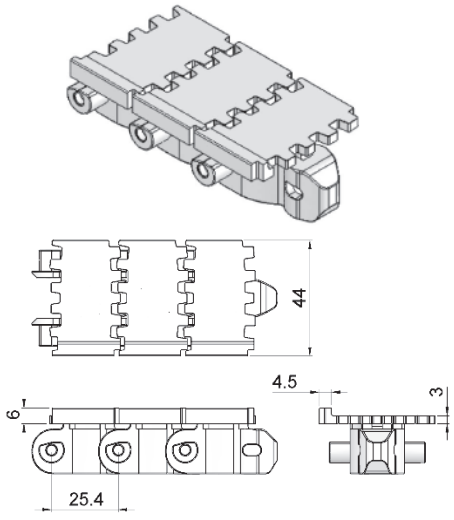
### Conductive Chain **FKPC-5CD**




**UOM: 5 Meter / box**

Application: Suitable for transport of static sensitive product.

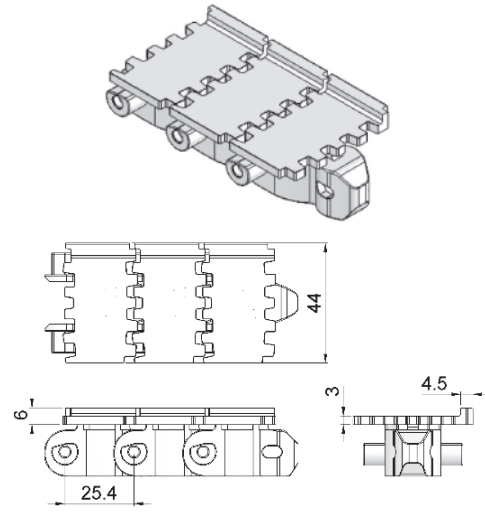
### Wedge Top Chain Right **FKWT-5PR**




**UOM: 5 Meter / box**

Application: Suitable for PET bottle transport.

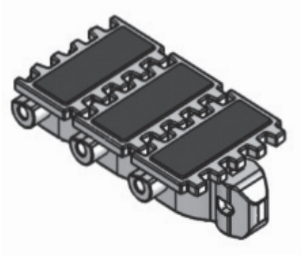
### Wedge Top Chain Left **FKWT-5PL**

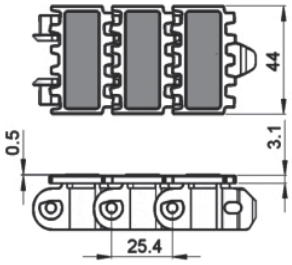



**UOM: 5 Meter / box**

Application: Suitable for PET bottle transport.

## Friction Top Chain **FKFT-5**

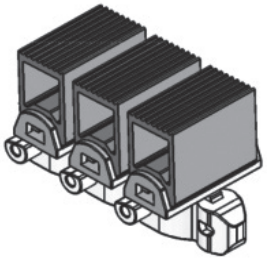


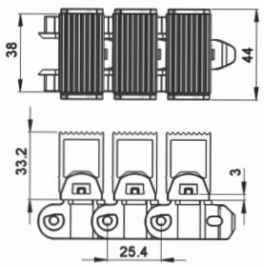



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but ≤ 30° without accumulation.

## Wedge Top Chain **FKWT-5C**

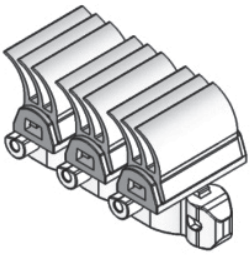


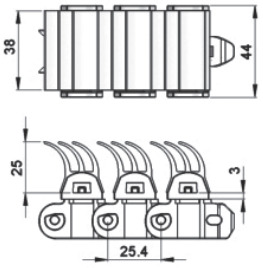



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

## Wedge Top Chain **FKWT-5D**

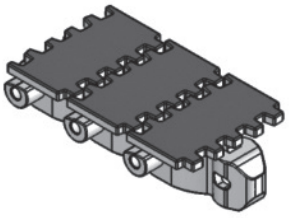


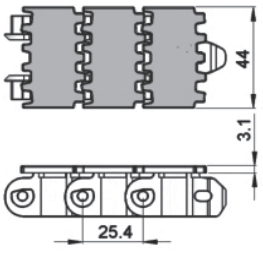



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

## Flocked Chain **FKFK-5**



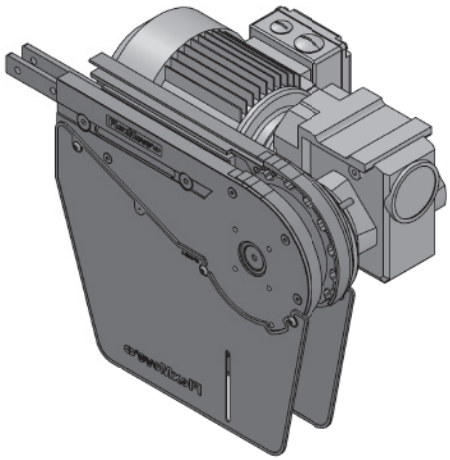



**UOM: 5 Meter / box**

Application: Suitable to transport light weight, fragile and scratch sensitive product.

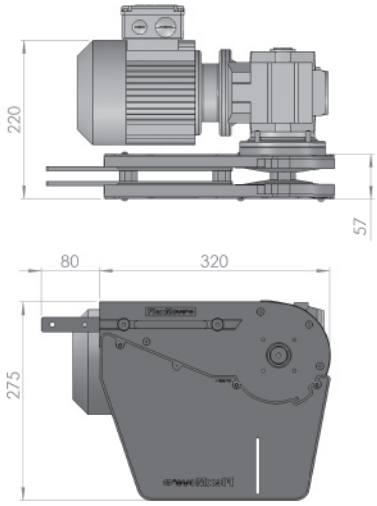
## FK Direct End Drive with Motor (LEFT)

**FKDD-A45-0.25L, 0.37L, 0.55L**



## FK Direct End Drive without Motor (LEFT)

**FKDD-A45-0L**




**Max Traction Force : 500N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKDD-A45-0L represents direct drive without motor. Multi channel drives are available upon request.

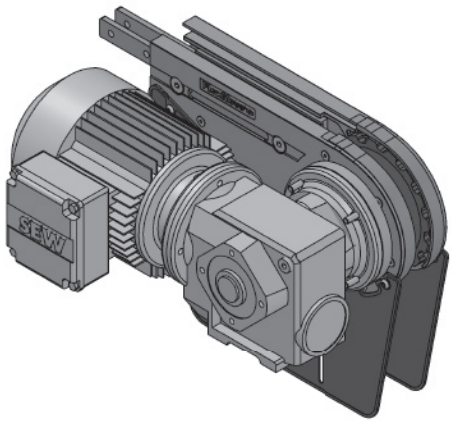
**UOM: pc**

Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

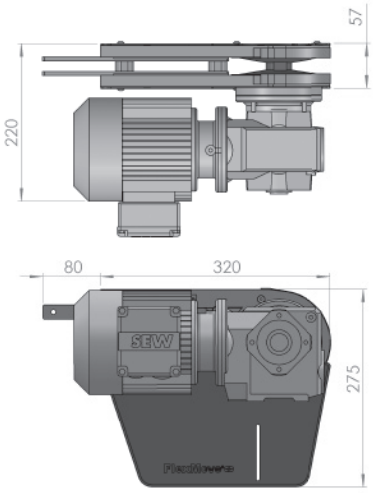
## FK Direct End Drive with Motor (RIGHT)

**FKDD-A45-0.25R, 0.37R, 0.55R**



## FK Direct End Drive without Motor (RIGHT)

**FKDD-A45-0R**




**Max Traction Force : 500N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKDD-A45-0R represents direct drive without motor. Multi channel drives are available upon request.

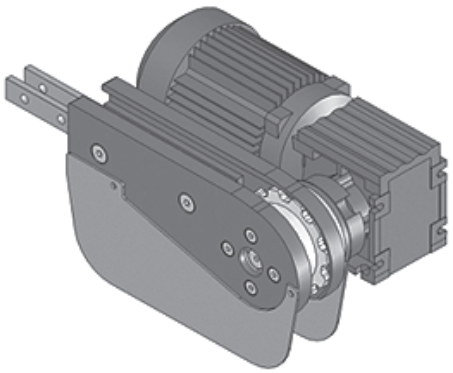
**UOM: pc**

Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

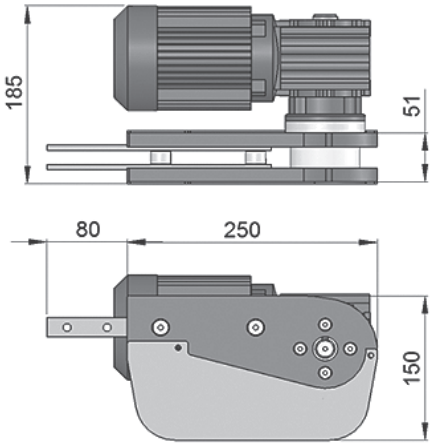
## FK Direct End Drive with Motor (LEFT)

**FKDD-250-0.25L, 0.37L, 0.55L**



## FK Direct End Drive without Motor (LEFT)

**FKDD-250-0L**




**Max Traction Force : 400N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size is 0.12kW. FKDD-250-0L represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

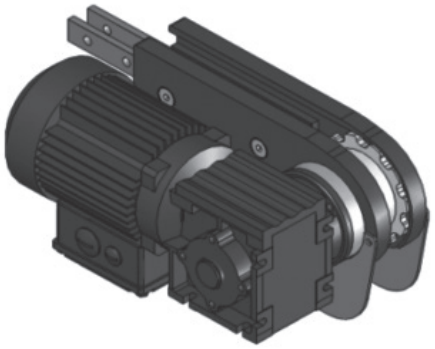
Chain required 2-way: 0.55 meter

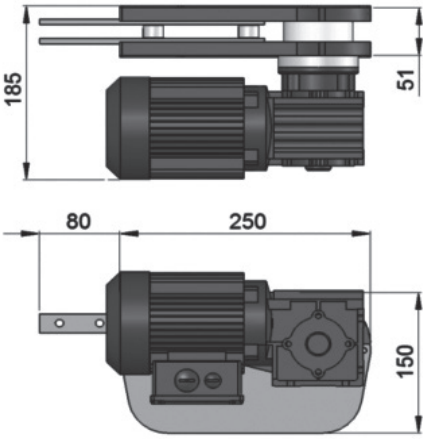
Slide rail required 2-way: 0

*SEW gear motors are products of SEW Eurodrive*

## FK Direct End Drive with Motor (RIGHT)

**FKDD-250-0.25R, 0.37R, 0.55R**






## FK Direct End Drive without Motor (RIGHT)

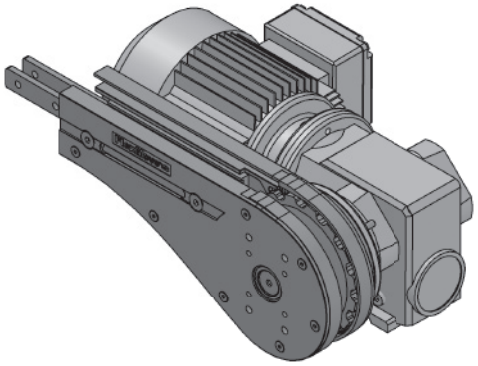
**FKDD-250-0R**

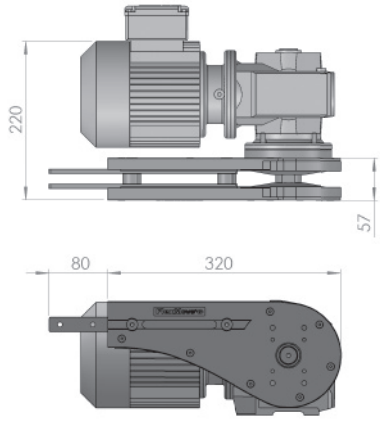
**Max Traction Force : 400N**
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size is 0.12kW. FKDD-250-0R represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**
Chain required 2-way: 0.55 meter
Slide rail required 2-way: 0

## FK Direct End Drive with Motor GP (LEFT)

**FKDD-A45GP-0.25L, 0.37L, 0.55L**






## FK Direct End Drive without Motor GP (Left)

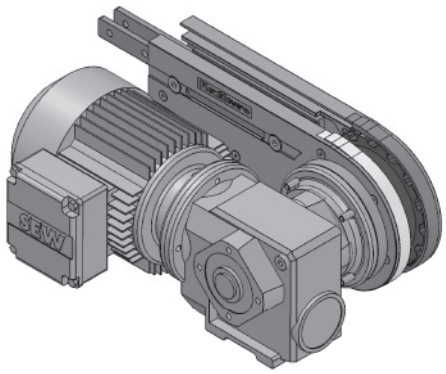
**FKDD-A45GP-0L**

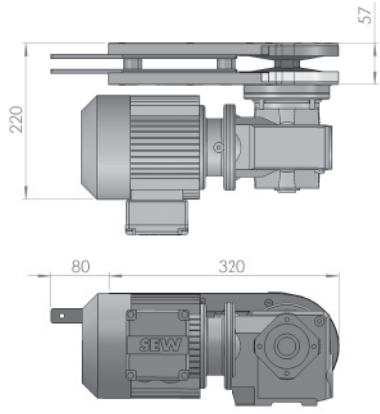
**Max Traction Force : 500N**
The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKDD-A45GP-0L represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

## FK Direct End Drive with Motor GP (RIGHT)

**FKDD-A45GP-0.25R, 0.37R, 0.55R**






## FK Direct End Drive without Motor GP (RIGHT)

**FKDD-A45GP-0R**

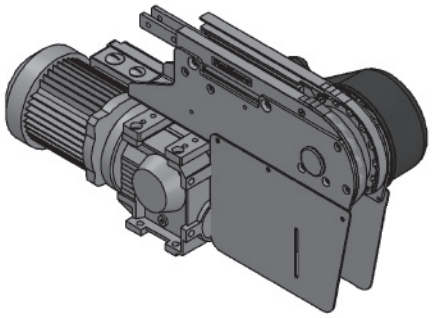
**Max Traction Force : 500N**
The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKDD-A45GP-0R represents direct drive without gear motor.

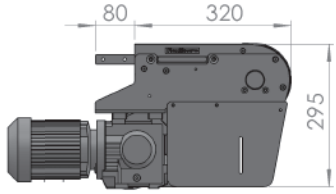
**UOM: pc**

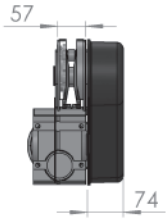
*SEW gear motors are products of SEW Eurodrive*

## FK Suspended End Drive with Motor (LEFT)

**FKSD-A45-0.25L, 0.37L, 0.55L**






## FK Suspended End Drive without Motor (LEFT)

**FKSD-A45-0L**

**Max Traction Force : 500N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKSD-A45-0L represents direct drive without gear motor.

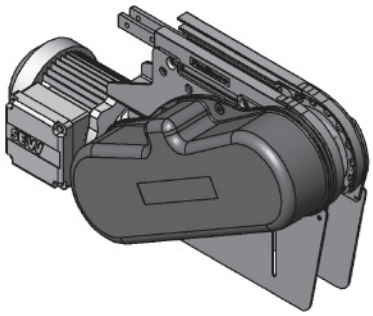
**UOM: pc**

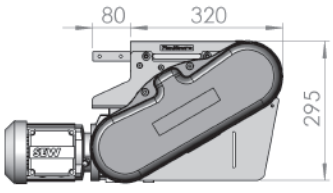
Chain required 2-way: 0.8 meter

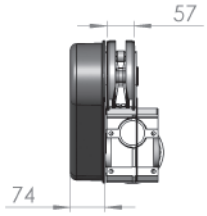
Slide rail required 2-way: 0.5 meter

## FK Suspended End Drive with Motor (RIGHT)

**FKSD-A45-0.25R, 0.37R, 0.55R**






## FK Suspended End Drive without Motor (RIGHT)

**FKSD-A45-0R**

**Max Traction Force : 500N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKSD-A45-0R represents direct drive without gear motor.

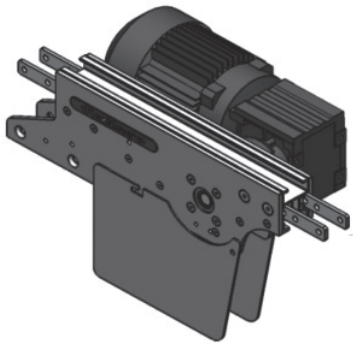
**UOM: pc**

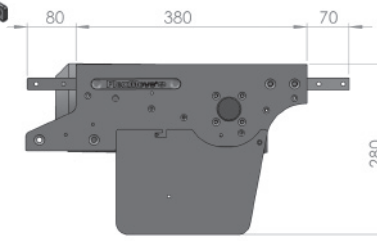
Chain required 2-way: 0.8 meter

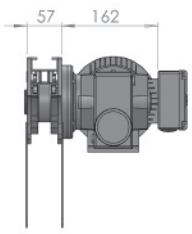
Slide rail required 2-way: 0.5 meter

## FK Direct Intermediate Drive with Motor (LEFT)

**FKID-DD-0.25L1, 0.37L1, 0.55L1**






## FK Direct Intermediate Drive without Motor (LEFT)

**FKID-DD-0L1**

**Max Traction Force : 200N**

The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKID-DD-0L1 represents direct drive without gear motor. Maximum traction force for FKID-DD is lower than FKDD and FKSD.

**UOM: pc**

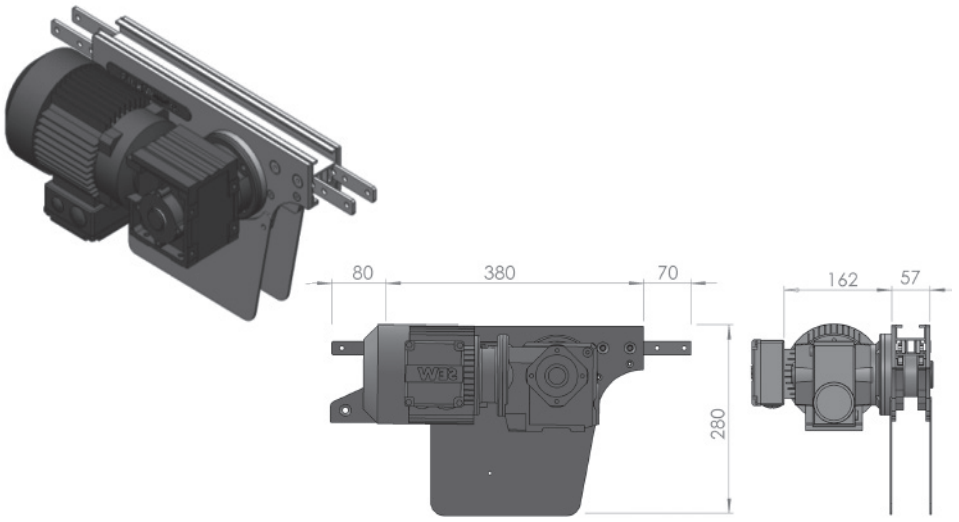
Chain required 2-way: 1.2 meter

Slide rail required 2-way: 1.1 meter

*SEW gear motors are products of SEW Eurodrive*

## FK Direct Intermediate Drive with Motor (RIGHT)

**FKID-DD-0.25R1, 0.37R1, 0.55R1**




## FK Direct Intermediate Drive without Motor (RIGHT)

**FKID-DD-0R1**

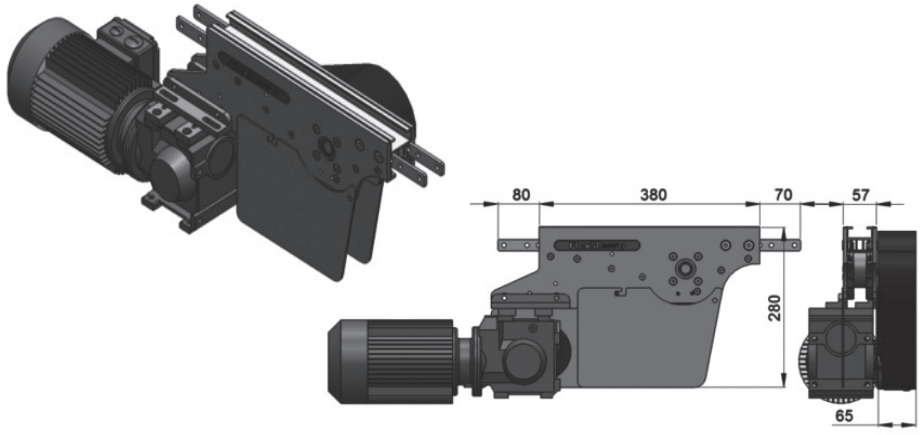
**Max Traction Force : 200N**

The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKID-DD-0R1 represents direct drive without gear motor. Maximum traction force for FKID-DD is lower than FKDD and FKSD.

**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FK Suspended Intermediate Drive with Motor (LEFT)

**FKID-SD-0.25L1, 0.37L1, 0.55L1**




## FK Suspended Intermediate Drive without Motor (LEFT)

**FKID-SD-0L1**

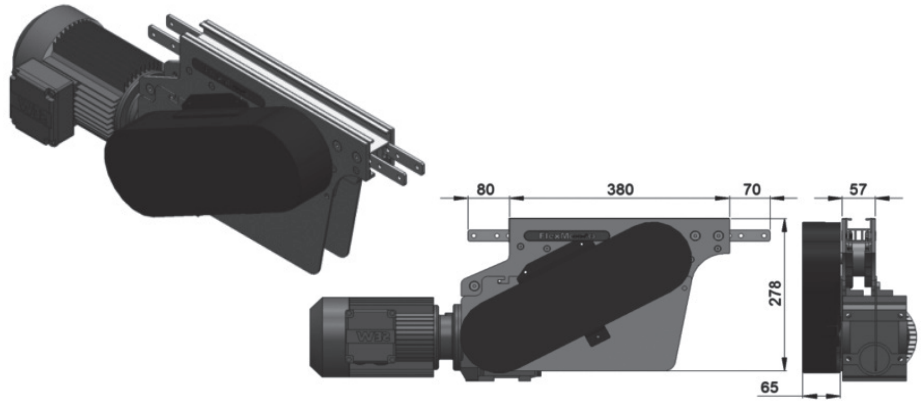
**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKID-SD-0L1 represents suspended drive without gear motor. Maximum traction force for FKID-SD is lower than FKDD and FKSD.

**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FK Suspended Intermediate Drive with Motor (RIGHT)

**FKID-SD-0.25R1, 0.37R1, 0.55R1**




## FK Suspended Intermediate Drive without Motor (RIGHT)

**FKID-SD-0R1**

**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKID-SD-0R1 represents suspended drive without gear motor. Maximum traction force for FKID-SD is lower than FKDD and FKSD.

**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

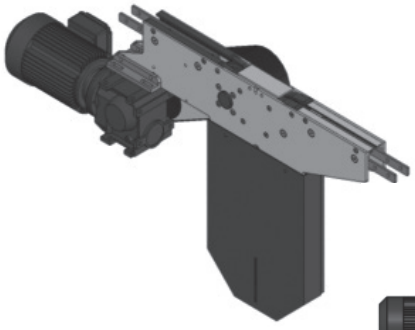
*SEW gear motors are products of SEW Eurodrive*

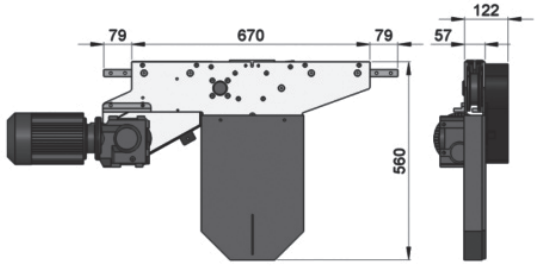
## FK Suspended Catenary Drive with Motor (LEFT)

**FKCD-SD-0.25L, 0.37L, 0.55L**

## FK Suspended Catenary Drive without Motor (LEFT)

**FKCD-SD-0L**






**Max Traction Force : 500N**

The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKCD-SD-0L represents direct drive without gear motor.

**UOM: pc**

Chain required 1-way: 1.4 meter

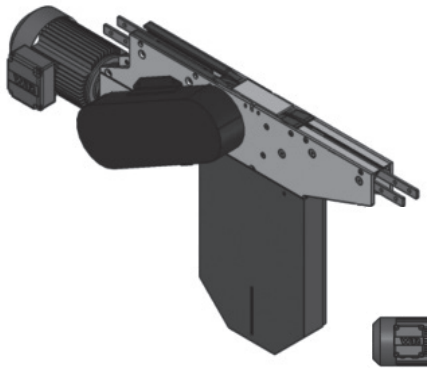
Slide rail required 1-way: 1.0 meter

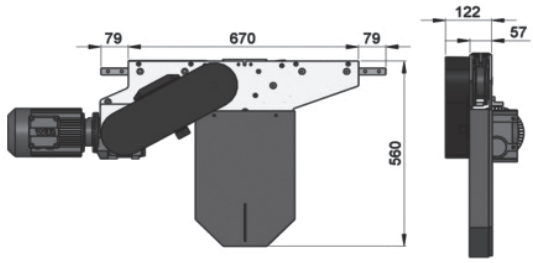
## FK Suspended Catenary Drive with Motor (RIGHT)

**FKCD-SD-0.25R, 0.37R, 0.55R**

## FK Suspended Catenary Drive without Motor (RIGHT)

**FKCD-SD-0R**






**Max Traction Force : 500N**

The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKCD-SD-0R represents direct drive without gear motor.

**UOM: pc**

Chain required 2-way: 1.4 meter

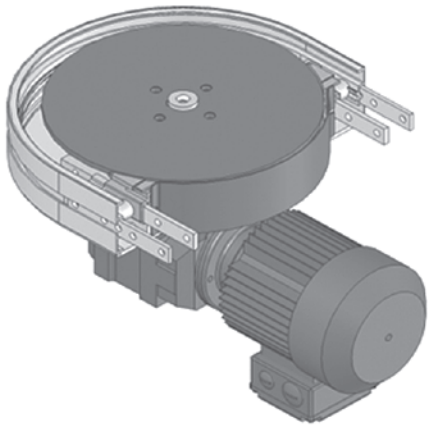
Slide rail required 2-way: 1.0 meter

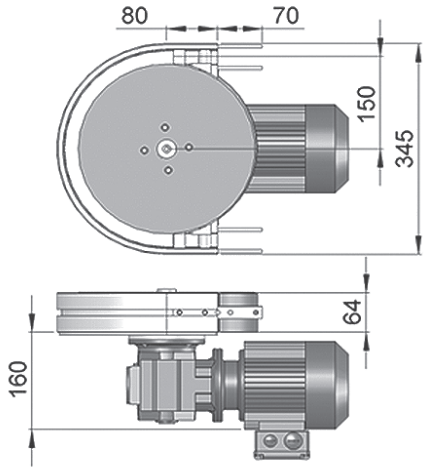
## FK Direct Wheel Drive with Motor

**FKWD-DD-0.25, 0.37, 0.55**

## FK Direct Wheel Drive without Motor

**FKWD-DD-0M**






**Max Traction Force : 200N**

The Drive Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKWD-DD-0M represents direct drive without gear motor. Maximum traction force for FKWD-DD is lower than FKDD and FKSD.

**UOM: pc**

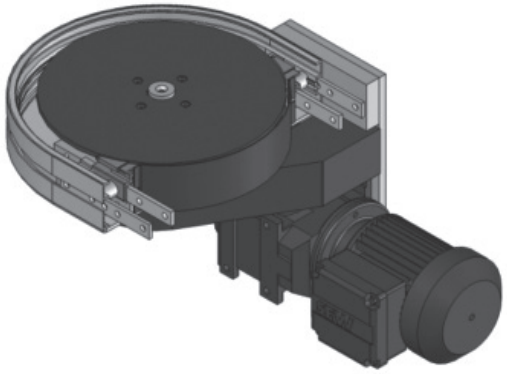
Chain required 1-way: 0.7 meter

Slide rail required 1-way: 0.7 meter

*SEW gear motors are products of SEW Eurodrive*

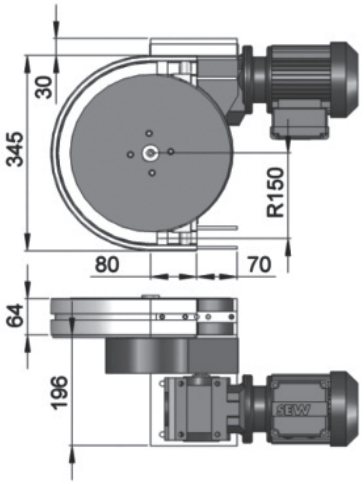
## FK Suspended Wheel Drive with Motor

**FKWD-SD-0.25, 0.37, 0.55**



## FK Suspended Wheel Drive without Motor

**FKWD-SD-0M**



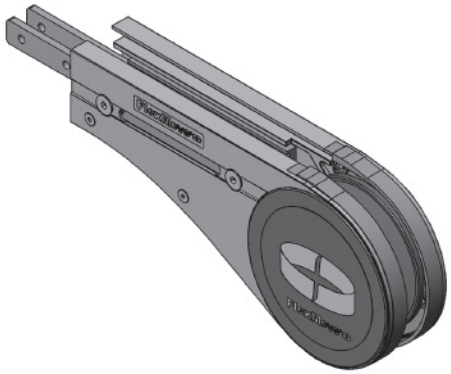

**Max Traction Force : 200N**

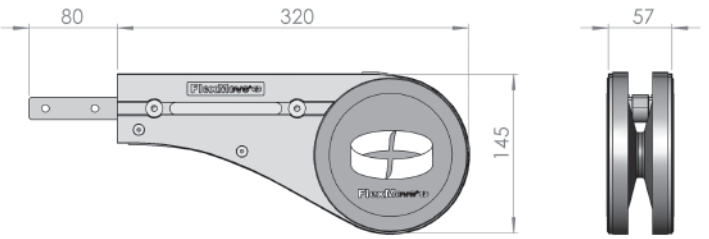
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FKWD-SD-0M represents direct drive without gear motor. Maximum traction force for FKWD-SD is lower than FKDD and FKSD.

**UOM: pc**
Chain required 1-way: 0.7 meter
Slide rail required 1-way: 0.7 meter

## FK Ilder End-45

**FKIE-A45**

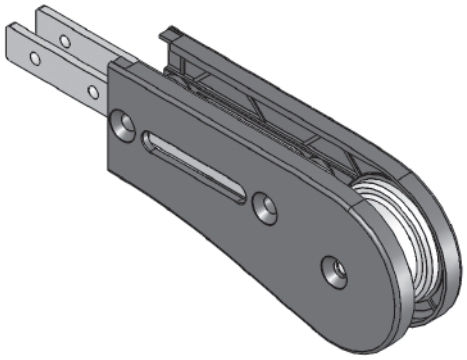


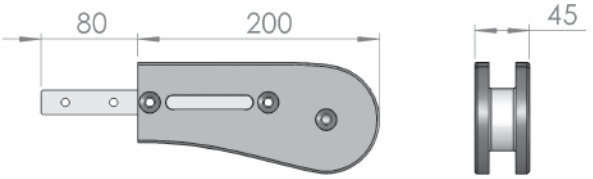



**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5meter

## FK Idler End-200

**FKIE-200**

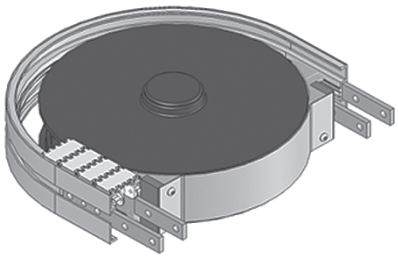


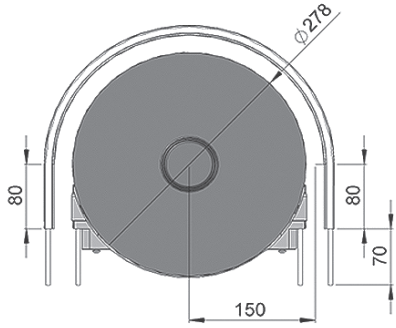



**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0

*SEW gear motors are products of SEW Eurodrive*

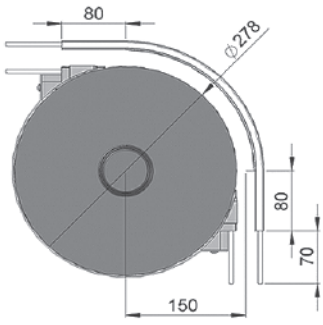
## FK Wheel Bend 180° FKWB-180R150A





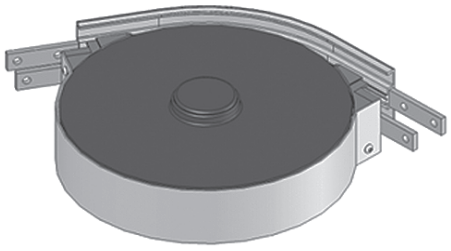

**UOM: pc**
Chain required 2-way: 1.3 meter
Slide rail required 2-way: 1.3 meter

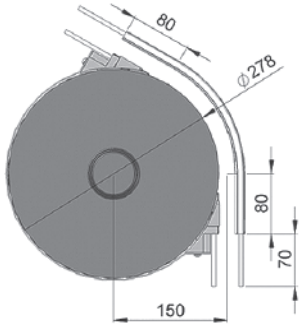
## FK Wheel Bend 90° FKWB-90R150A




**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.8 meter

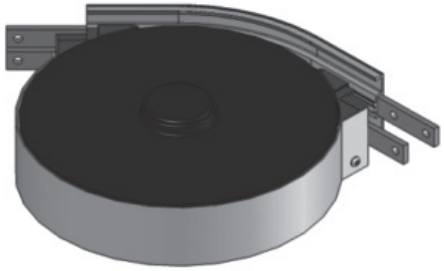
## FK Wheel Bend 60° FKWB-60R150A

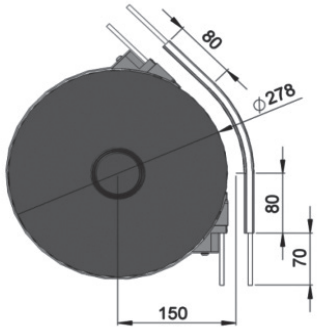





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 0.6 meter

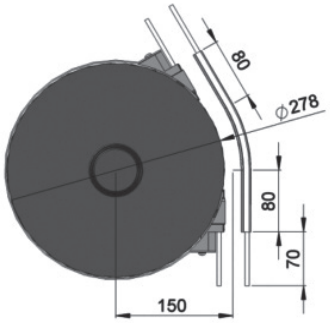
## FK Wheel Bend 45° FKWB-45R150A





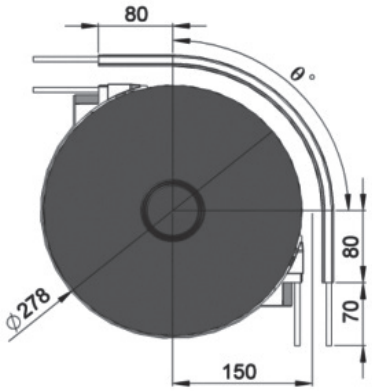

**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 0.6 meter

## FK Wheel Bend 30° FKWB-30R150A




**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 0.5 meter

## FK Wheel Bend 5° - 180°



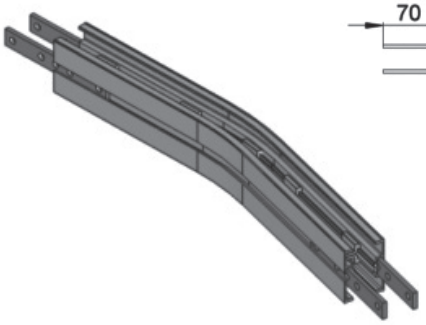

### Example for FK Wheel Bend Ordering

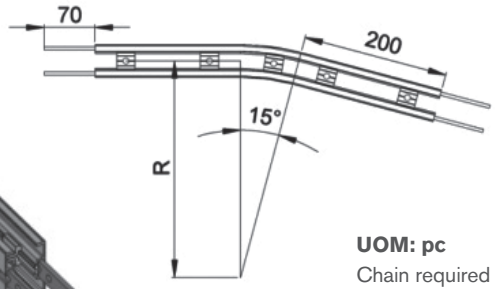
- Wheel bend, Ø° ± 1°
- FKWB-Ø°R150A

If an angle of 65° is needed for wheel bend, so the ordering part number is
**FKWB-65R150A**

*The outer bend is assembled using connecting strip (FACS-20x140). Angle of Ø° must be indicated when ordering.*

## FK Horizontal Plain Bend 15°



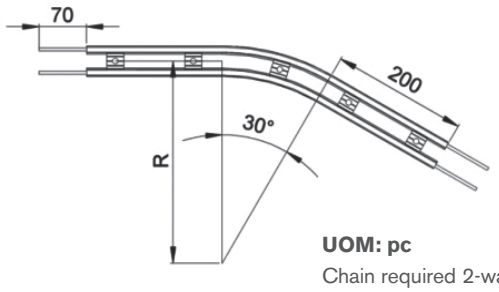



**Horizontal plain bend, 15° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FKHB-15R300** |
| R = 500 ± 10mm | **FKHB-15R500** |
| R = 700 ± 10mm | **FKHB-15R700** |
| R = 1000 ± 10mm | **FKHB-15R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.3 meter
Slide rail required 2-way (300, 500, 700, 1000): 1.9, 2.1, 2.3, 2.6 meter

## FK Horizontal Plain Bend 30°

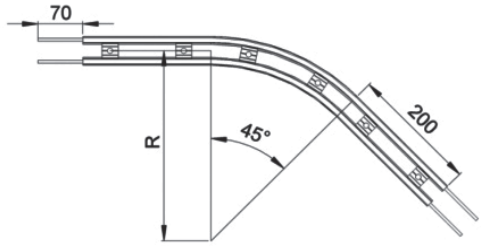



**Horizontal plain bend, 30° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FKHB-30R300** |
| R = 500 ± 10mm | **FKHB-30R500** |
| R = 700 ± 10mm | **FKHB-30R700** |
| R = 1000 ± 10mm | **FKHB-30R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 1.1, 1.3, 1.5, 1.8 meter
Slide rail required 2-way (300, 500, 700, 1000): 2.2, 2.6, 3.1, 3.7 meter

## FK Horizontal Plain Bend 45°




**Horizontal plain bend, 45° ± 1°**

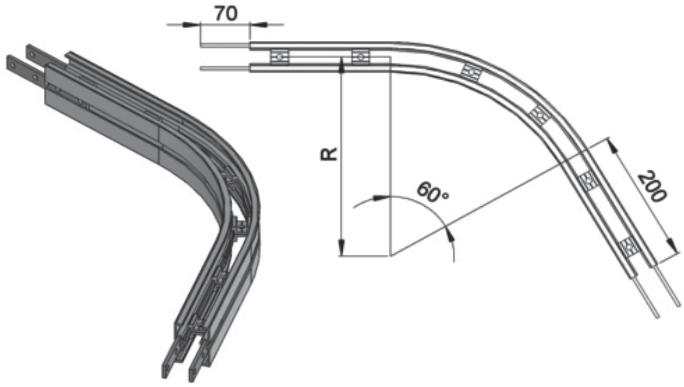
| | |
|---|---|
| R = 300 ± 10mm | **FKHB-45R300** |
| R = 500 ± 10mm | **FKHB-45R500** |
| R = 700 ± 10mm | **FKHB-45R700** |
| R = 1000 ± 10mm | **FKHB-45R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.3, 1.6, 1.9, 2.4 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.5, 3.2, 3.8, 4.7 meter

## FK Horizontal Plain Bend 60°




**Horizontal plain bend, 60° ± 1°**

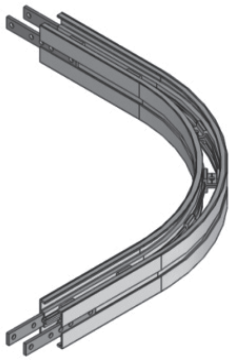
| | |
|---|---|
| R = 300 ± 10mm | **FKHB-60R300** |
| R = 500 ± 10mm | **FKHB-60R500** |
| R = 700 ± 10mm | **FKHB-60R700** |
| R = 1000 ± 10mm | **FKHB-60R1000** |

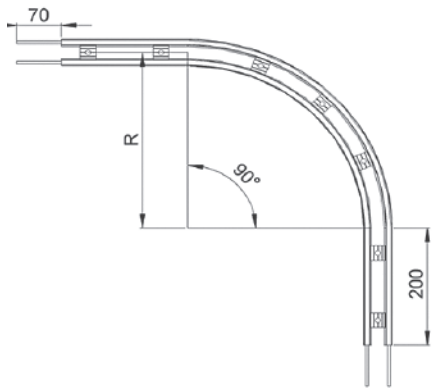
**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.4, 1.8, 2.3, 2.9 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.9, 3.7, 4.5, 5.8 meter

## FK Horizontal Plain Bend 90°






**Horizontal plain bend, 90° ± 1°**

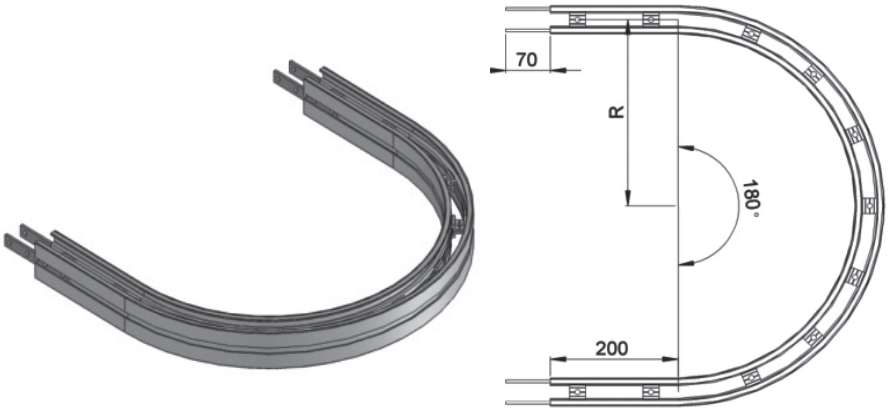
| | |
|---|---|
| R = 300 ± 10mm | **FKHB-90R300** |
| R = 500 ± 10mm | **FKHB-90R500** |
| R = 700 ± 10mm | **FKHB-90R700** |
| R = 1000 ± 10mm | **FKHB-90R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.3 meter

Slide rail required 2-way (300, 500, 700, 1000): 1.9, 2.1, 2.3, 2.6 meter

## FK Horizontal Plain Bend 180°

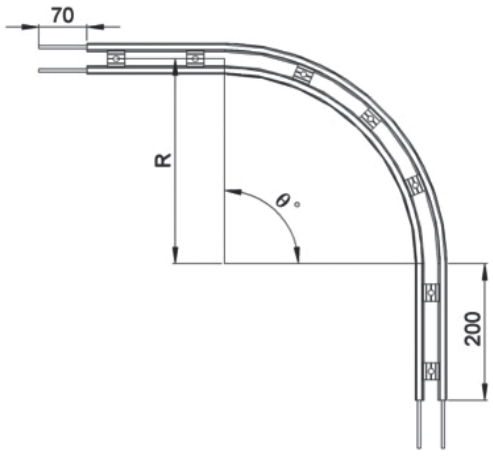



**Horizontal plain bend, 180° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FKHB-180R300** |
| R = 500 ± 10mm | **FKHB-180R500** |
| R = 700 ± 10mm | **FKHB-180R700** |
| R = 1000 ± 10mm | **FKHB-180R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 2.7, 3.9, 5.2, 7.1 meter
Slide rail required 2-way (300, 500, 700, 1000): 5.4, 7.9, 10.4, 14.2 meter

## FK Horizontal Plain Bend 5-180°




### Example for FK Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

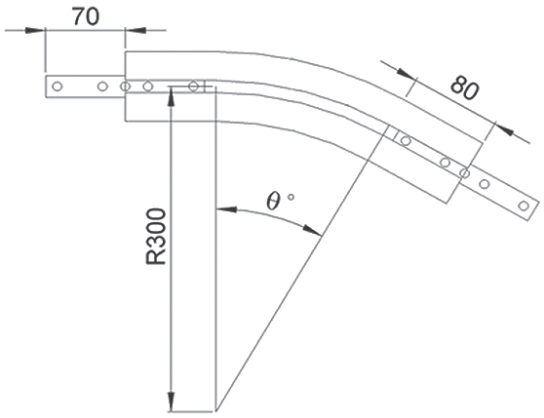
| | |
|---|---|
| R = 300 ± 10mm | **FKHB- Ø°R300** |
| R = 500 ± 10mm | **FKHB- Ø°R500** |
| R = 700 ± 10mm | **FKHB- Ø°R700** |
| R = 1000 ± 10mm | **FKHB- Ø°R1000** |

If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

**FKHB-120R500**

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): meter (Variable to angle)
Slide rail required 2-way (300, 500, 700, 1000): meter (Variable to angle)

## FK Vertical Bend 5° - 90°




### Example for FK Vertical Bend Ordering

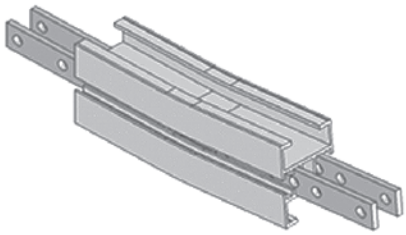
- Vertical bend, Ø° ± 1°
- FKVB-Ø°R300

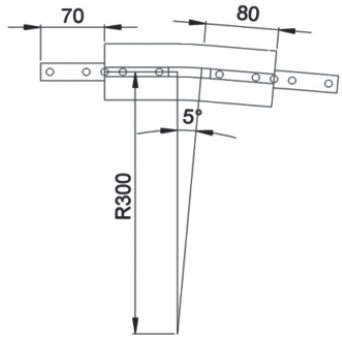
If an angle of 65° is needed for vertical bend, so the ordering part number is

**FKVB-65R300**

*The outer bend is assembled using connecting strip (FACS-20x140). Angle of Ø° must be indicated when ordering.*

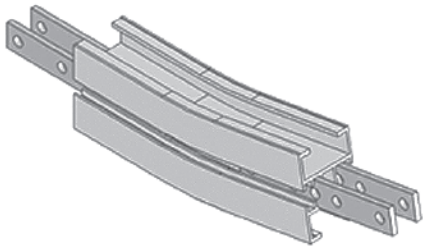
## FK Vertical Bend 5° — FKVB-5R300

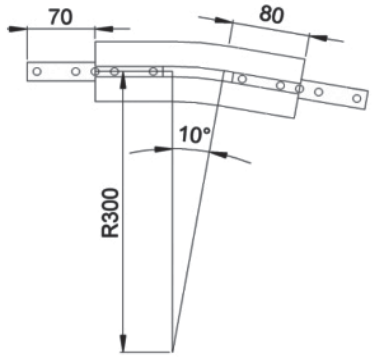





**UOM: pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.7 meter

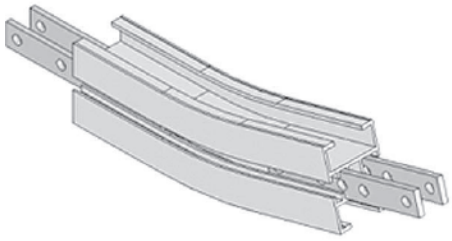
## FK Vertical Bend 10° — FKVB-10R300

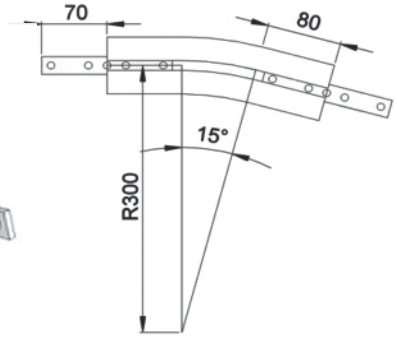





**UOM: pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.8 meter

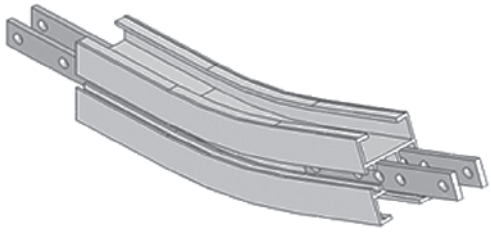
## FK Vertical Bend 15° — FKVB-15R300

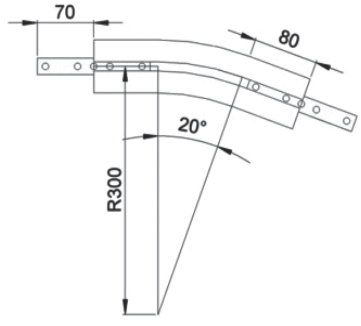





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.0 meter

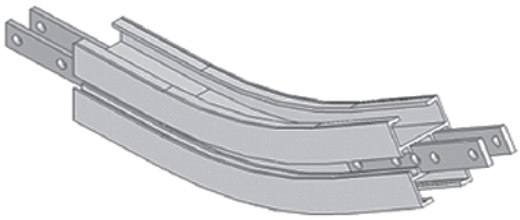
## FK Vertical Bend 20° — FKVB-20R300

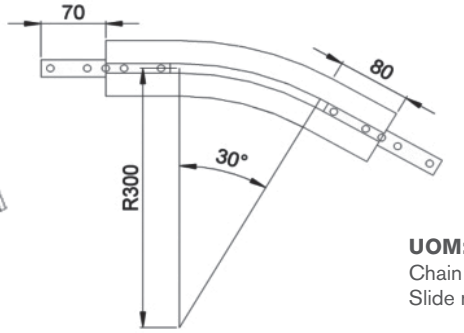





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.1 meter

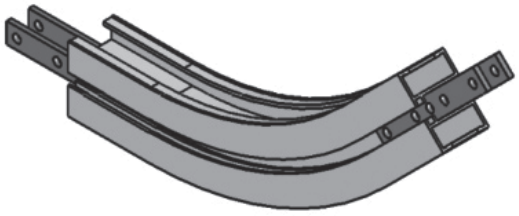
## FK Vertical Bend 30° FKVB-30R300

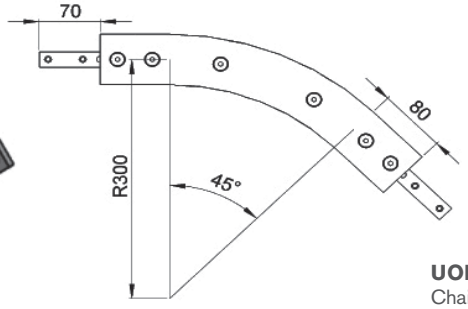





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.3 meter

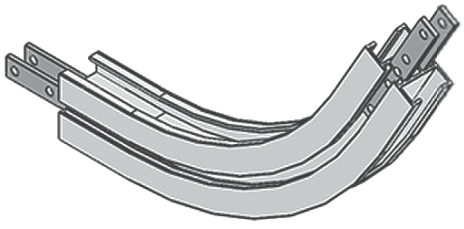
## FK Vertical Bend 45° FKVB-45R300

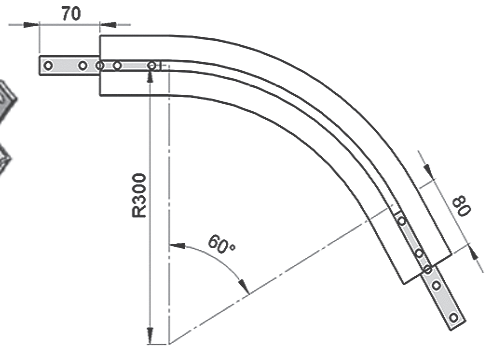





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 1.6 meter

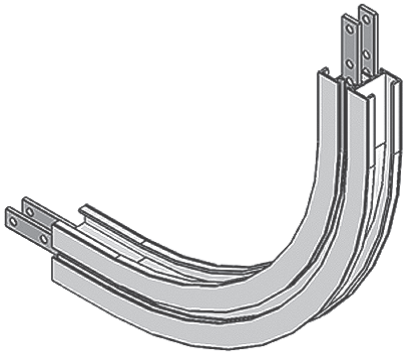
## FK Vertical Bend 60° FKVB-60R300

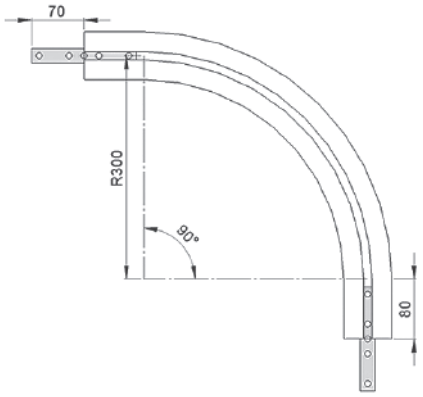





**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 1.9 meter

## FK Vertical Bend 90° FKVB-90R300






**UOM: pc**
Chain required 2-way: 1.3 meter
Slide rail required 2-way: 2.5 meter

Variety of chain types suitable for wide range of applications either horizontal or vertically product transportation. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FS Series Characteristic

**Beam Width:** 65mm

**Product Width:** Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 OR FASR-25U

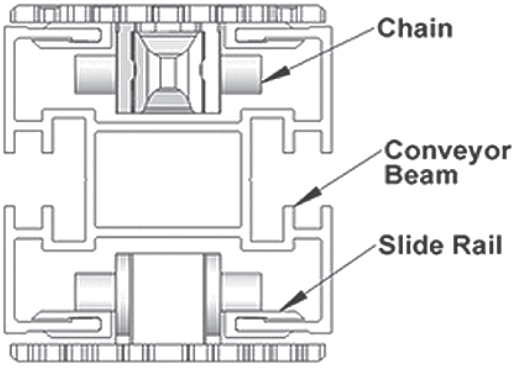
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE OR UHMW-PE

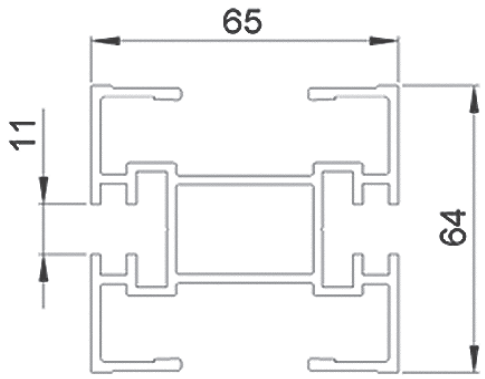
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

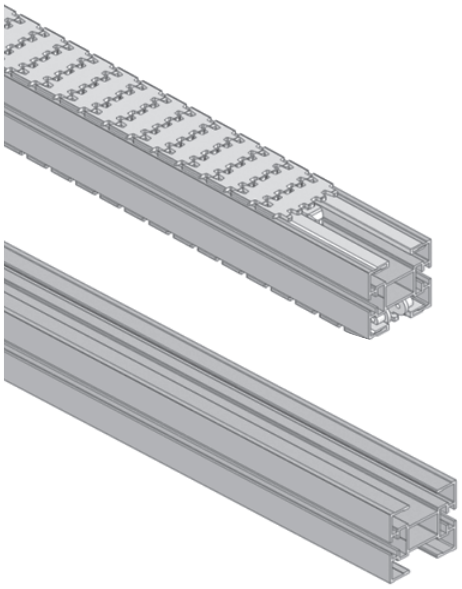
Connecting strip is used to connect 2 beams.

**Connecting Strip:** FACS-25x140A



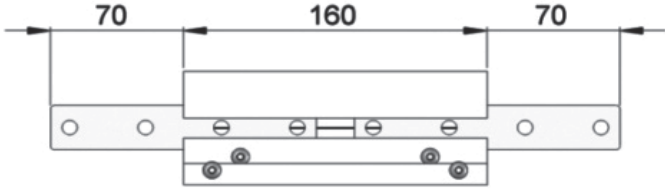

### Conveyor Beam FSCB-3

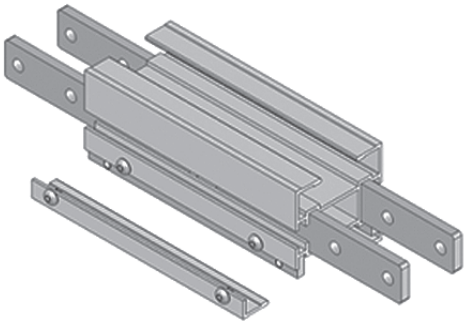


**UOM: 3 Meter / Length**

### Chain Connecting Module FSCC-160



**UOM: pc**

## Chain Common Data

**Packaging:** 5m per box

**Pitch:** 25.4mm

**Width:** 63mm

Tensile Strength at 20°C: 4000N

**Colour:** White & Black (Conductive)

## Material :-

**Chain:** White Acetal / POM

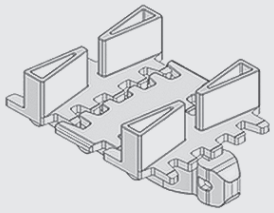
**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

**Insert (Wedge & Friction):** TPE Grey

**Example for FSCT-5A17-L#**

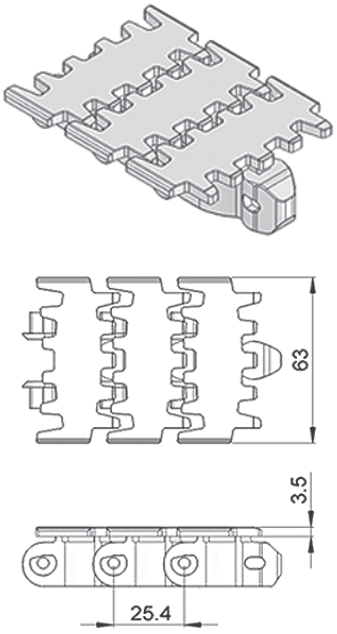
**# = 1** cleated top chain with alternate of # link of plain chain



The above chain is FSCT-5A17-L1, 1 link cleated top chain with alternate of 1 link of plain chain.

**Note: # = 1, 2, 3, 4, 5.....20**

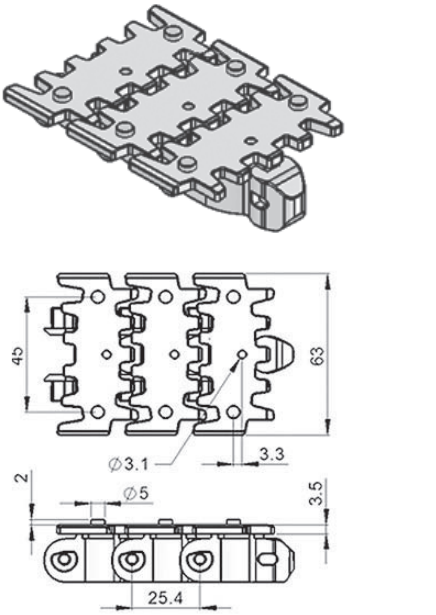
## Standard Plain Chain **FSPC-5**




**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

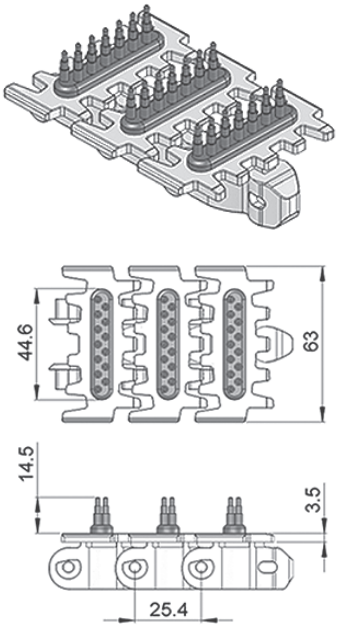
## Universal Chain **FSUC-5**




**UOM: 5 Meter / box**

Application: Universal Link With M3 Nut, Suitable for attached customer cleat or fixture

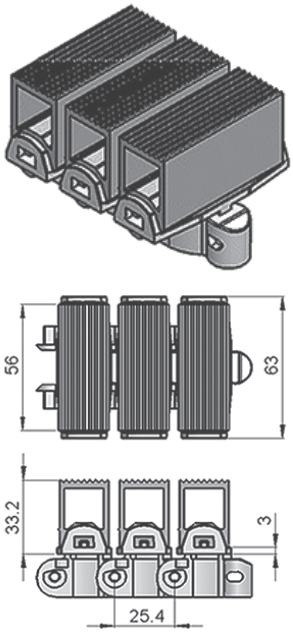
## Wedge Top Chain **FSWT-5A**




**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

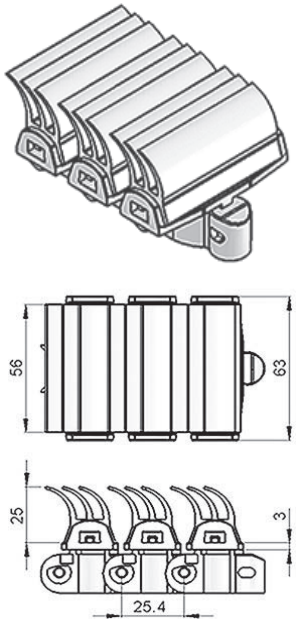
## Wedge Top Chain **FSWT-5C**




**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products. (Heavy Duty).

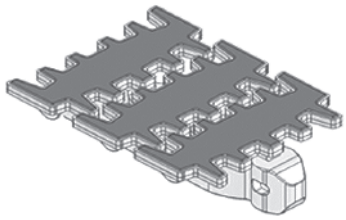
## Wedge Top Chain **FSWT-5D**

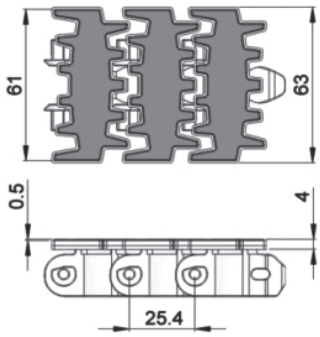



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

## Friction Top Chain **FSFT-5**

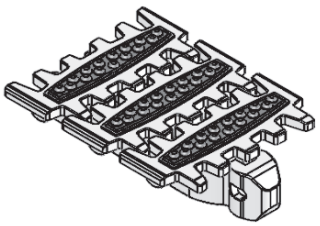


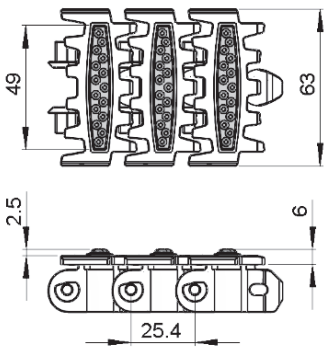



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but ≤ 30° without accumulation.

## Friction Top Chain **FSFT-5C**

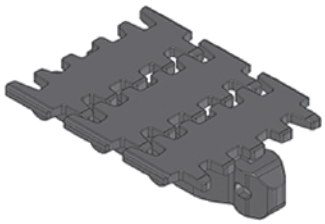


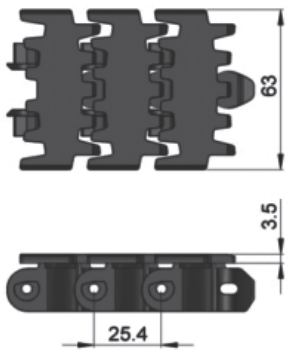



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but ≤ 35° without accumulation. Subject to product weight and packing

## Conductive Chain **FSPC-5CD**

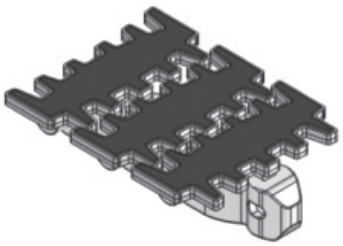


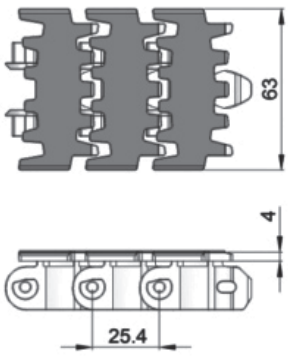



**UOM: 5 Meter / box**

Application: Suitable for transport of static sensitive product.

## Flocked Chain **FSFK-5**



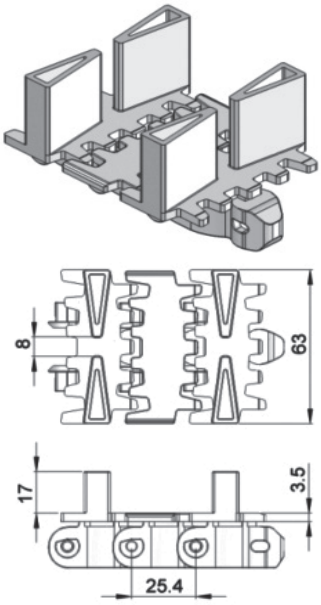



**UOM: 5 Meter / box**

Application: Suitable to transport light weight, fragile and scratch sensitive product.

## Cleat Top Chain-A **FSCT-5A17-L#**

**# = 1, 2, 3, 4, 5.....20**

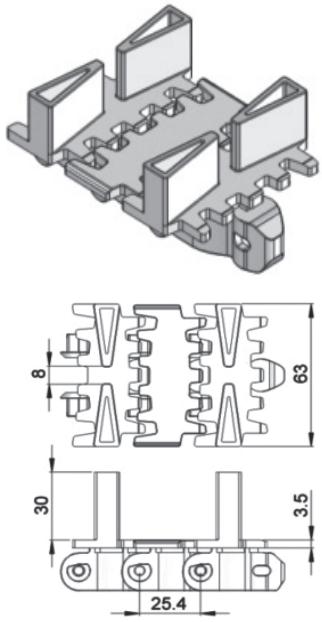



**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

## Cleat Top Chain-A **FSCT-5A30-L#**

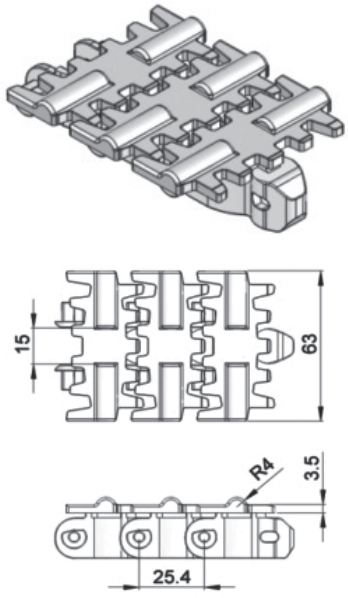
**# = 1, 2, 3, 4, 5.....20**




**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

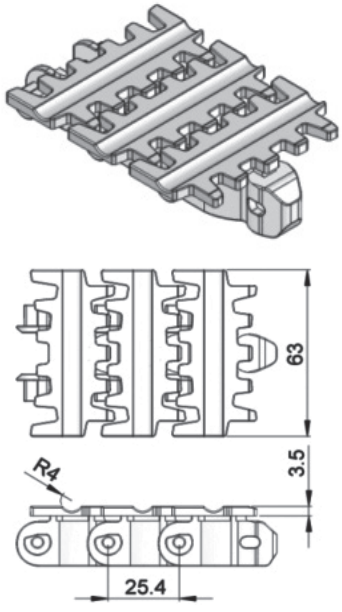
## Cleat Top Chain-B **FSCT-5B**




**UOM: 5 Meter / box**

Application: Suitable Cigarette transport.

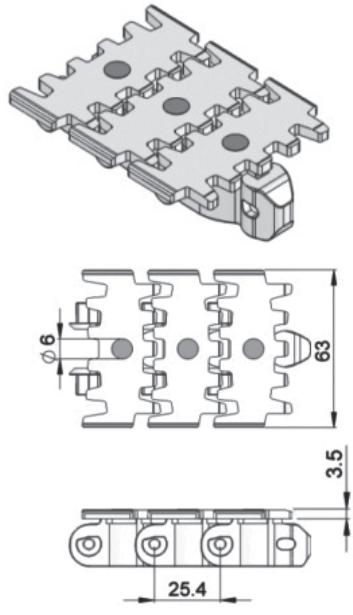
## Cleat Top Chain-C **FSCT-5C**




**UOM: 5 Meter / box**

Application: Suitable for Cigarette transport.

## Magnet Top Chain **FSMT-5**

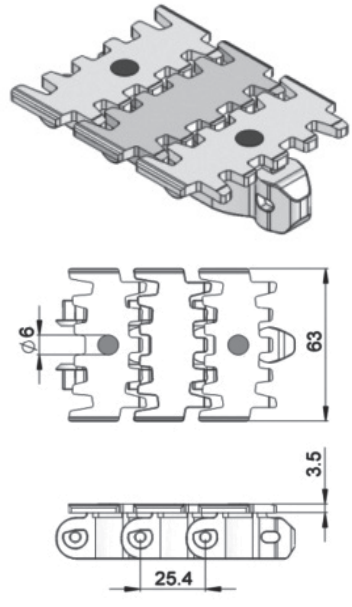



**UOM: 5 Meter / box**

Application: Suitable for conveying ferromagnetic products in slope.

## Magnet Top Chain **FSMT-5-L#**

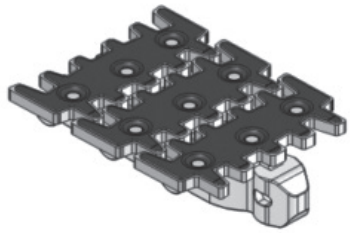
**# = 1, 2, 3, 4, 5.....20**

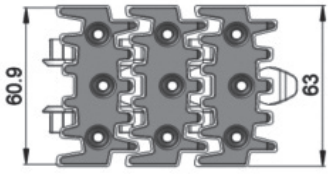


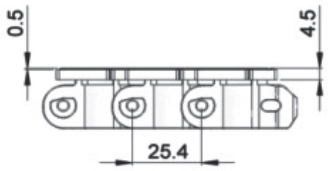

**UOM: 5 Meter / box**

Application: Suitable for conveying ferromagnetic products in slope.

## Hardened Steel Top Chain **FSST-5**



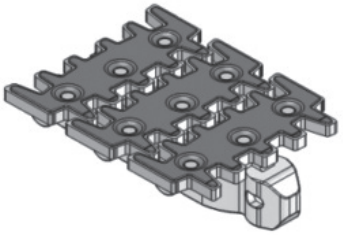


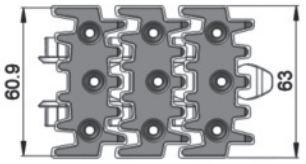



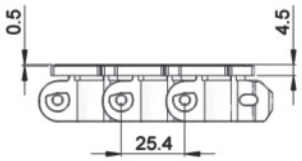

**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## S/steel Top Chain **FSST-5S**



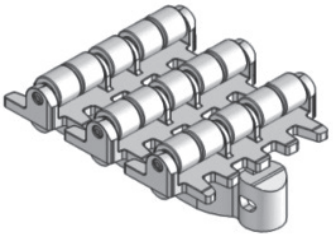


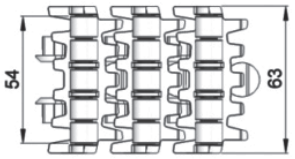



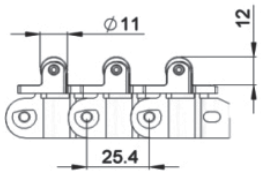

**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## Roller Top Chain **FSRT-5**



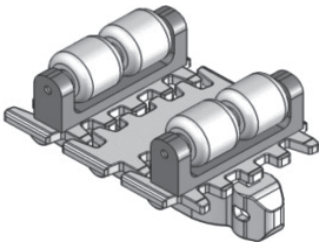


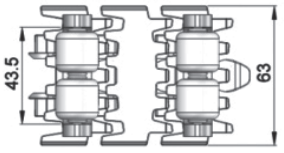



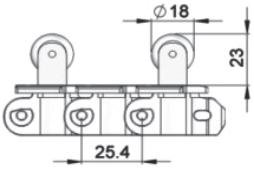

**UOM: 5 Meter / box**

Application: Suitable for accumulation of product with low friction and pressure.

## Roller Cleat Chain **FSRC-5A-L#**





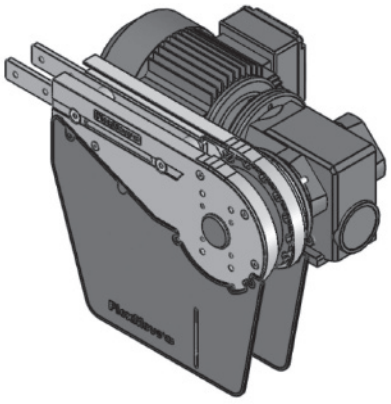




**UOM: 5 Meter / box**

Application: Suitable for vertical transportation, of product in slope with no accumulation.

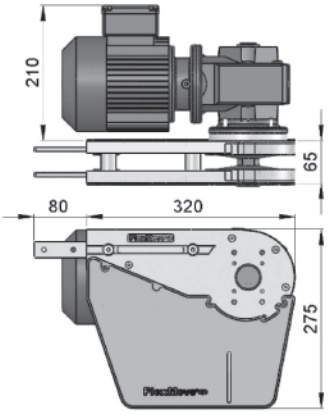
## FS Direct End Drive with Motor (LEFT)

**FSDD-A65-0.25L, 0.37L, 0.55L**



## FS Direct End Drive without Motor (LEFT)

**FSDD-A65-0L**




**Max Traction Force : 500N**

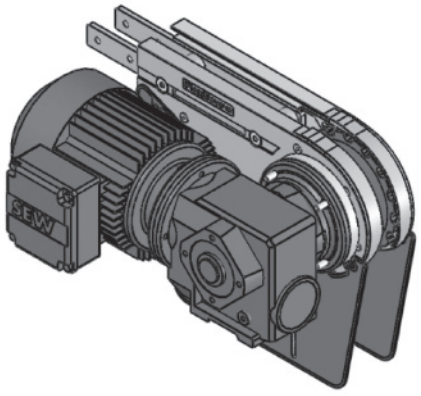
The Drive End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD-A65-0L represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

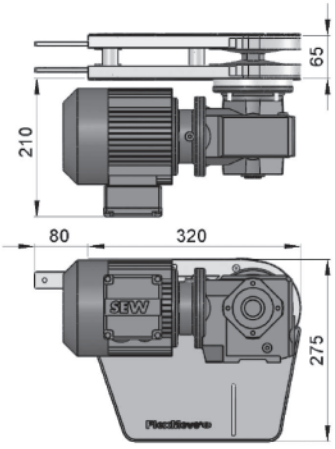
## FS Direct End Drive with Motor (RIGHT)

**FSDD-A65-0.25R, 0.37R, 0.55R**



## FS Direct End Drive without Motor (RIGHT)

**FSDD-A65-0R**




**Max Traction Force : 500N**

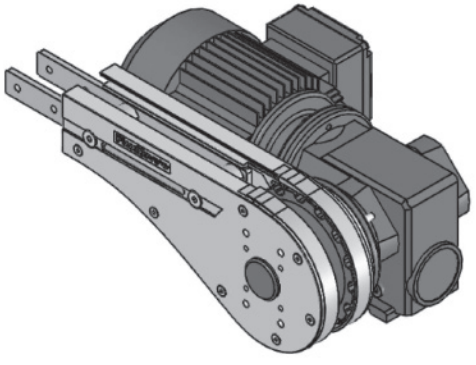
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD-A65-0R represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

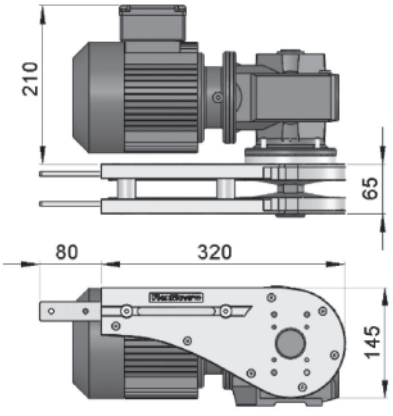
## FS Direct End Drive with Motor GP (LEFT)

**FSDD-A65GP-0.25L, 0.37L, 0.55L**



## FS Direct End Drive without Motor GP (LEFT)

**FSDD-A65GP-0L**




**Max Traction Force : 500N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD-A65GP-0L represents direct drive without gear motor.

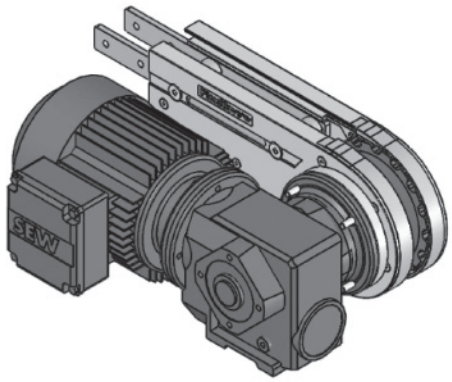
**UOM: pc**

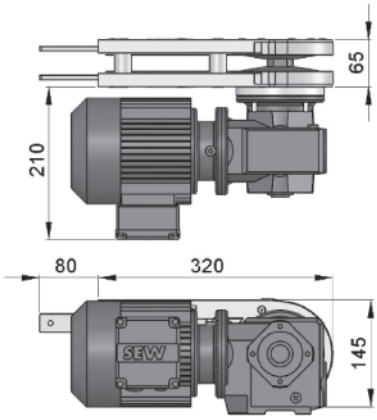
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FS Direct End Drive with Motor GP (RIGHT)

**FSDD-A65GP-0.25R, 0.37R, 0.55R**






## FS Direct End Drive without Motor GP (RIGHT)

**FSDD-A65GP-0R**

**Max Traction Force : 500N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD-A65GP-0R represents direct drive without gear motor.

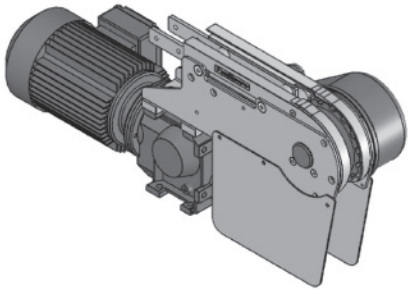
**UOM: pc**

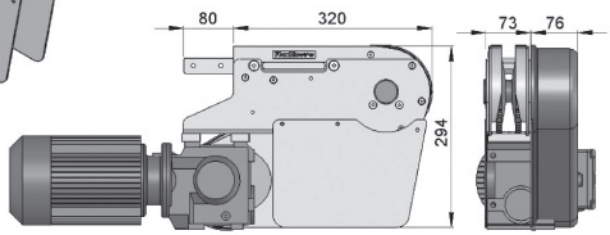
Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

## FS Suspended End Drive with Motor (LEFT)

**FSSD-A65-0.25L, 0.37L, 0.55L**






## FS Suspended End Drive without Motor (LEFT)

**FSSD-A65-0L**

**Max Traction Force : 500N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSSD-A65-0L represents direct drive without gear motor.

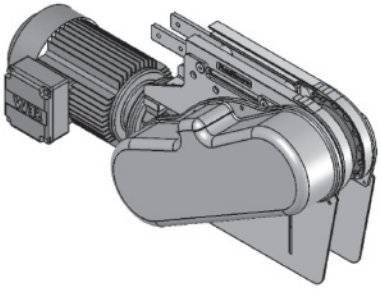
**UOM: pc**

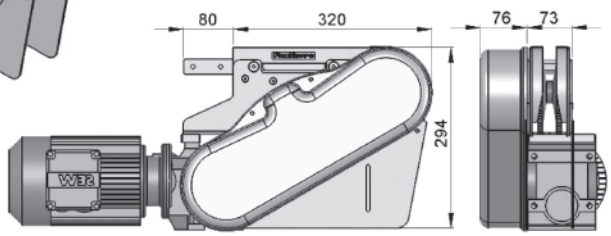
Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

## FS Suspended End Drive with Motor (RIGHT)

**FSSD-A65-0.25R, 0.37R, 0.55R**






## FS Suspended End Drive without Motor (RIGHT)

**FSSD-A65-0R**

**Max Traction Force : 500N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSSD-A65-0R represents direct drive without gear motor.

**UOM: pc**

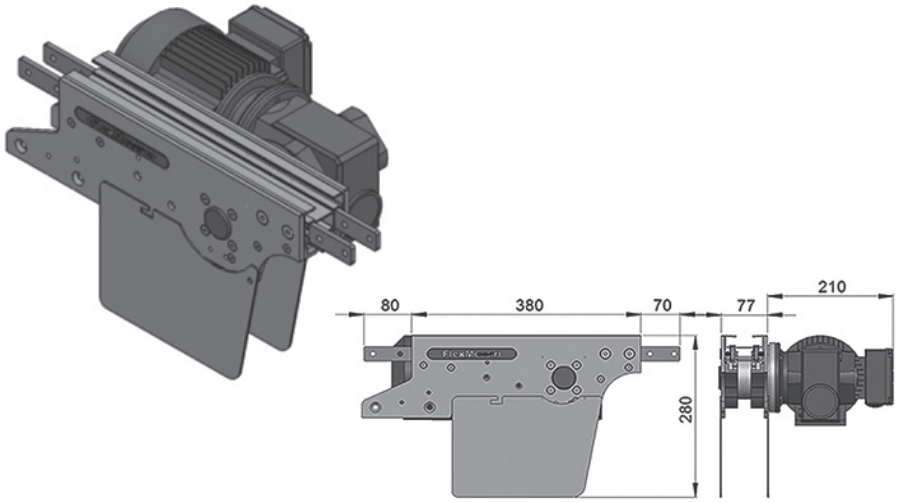
Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FS Direct Intermediate Drive with Maotor (LEFT)

**FSID-DD-0.25L1, 0.37L1, 0.55L1**




## FS Direct Intermediate Drive without Motor (LEFT)

**FSID-DD-0L1**

**Max Traction Force : 200N**

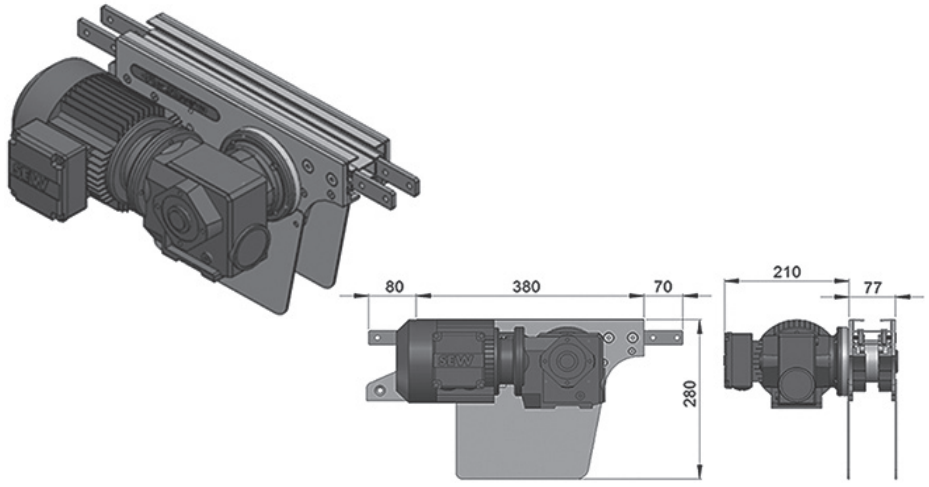
The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSID-DD-0L1 represents direct drive without gear motor. Maximum traction force for FSID-DD is lower than FSDD and FSSD.

**UOM: pc**

Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FS Direct Intermediate Drive with Motor (RIGHT)

**FSID-DD-0.25R1, 0.37R1, 0.55R1**




## FS Direct Intermediate Drive without Motor (RIGHT)

**FSID-DD-0R1**

**Max Traction Force : 200N**

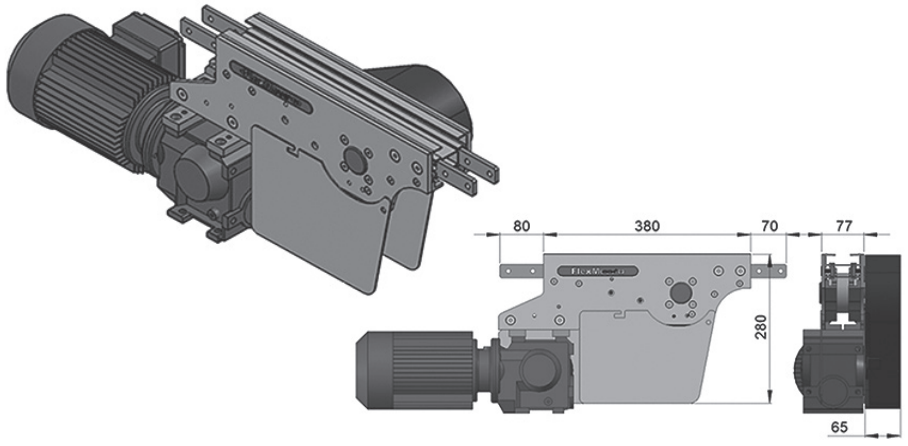
The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSID-DD-0R1 represents direct drive without gear motor. Maximum traction force for FSID-DD is lower than FSDD and FSSD.

**UOM: pc**

Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FS Suspended Intermediate Drive with Motor (LEFT)

**FSID-SD-0.25L1, 0.37L1, 0.55L1**




## FS Suspended Intermediate Drive without Motor (LEFT)

**FSID-SD-0L1**

**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSID-SD-0L1 represents suspended drive without gear motor. Maximum traction force for FSID-SD is lower than FSDD and FSSD.

**UOM: pc**

Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

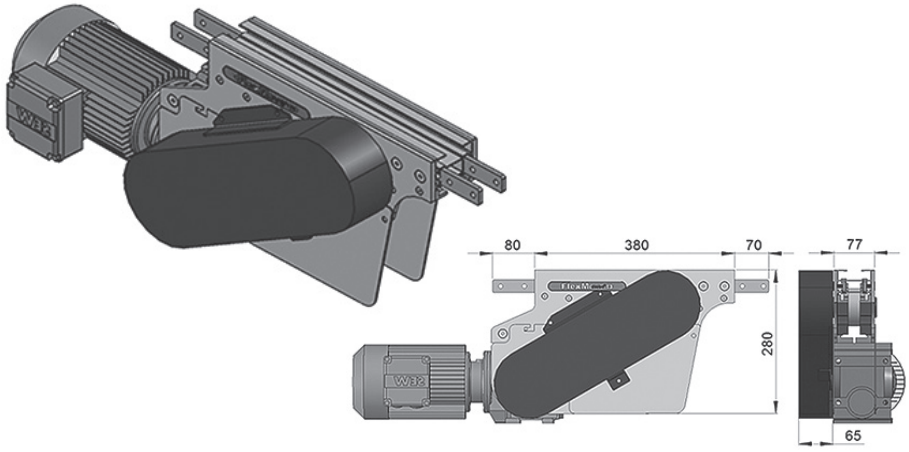
*SEW gear motors are products of SEW Eurodrive*

## FS Suspended Intermediate Drive with Motor (RIGHT)

**FSID-SD-0.25R1, 0.37R1, 0.55R1**

## FS Suspended Intermediate Drive without Motor (RIGHT)

**FSID-SD-0R1**




**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSID-SD-0R1 represents suspended drive without gear motor. Maximum traction force for FSID-SD is lower than FSDD and FSSD.

**UOM: pc**

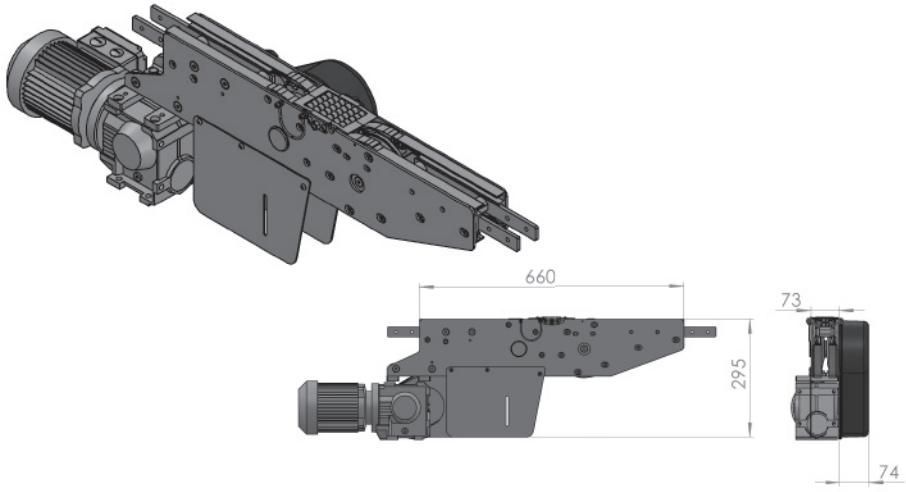
Chain required 2-way: 1.2 meter

Slide rail required 2-way: 1.1 meter

## FS Combined Direct Drive & Idler (LEFT)

**FSCDI-DD-A65-0.25L, 0.37L, 0.55L**

**FSCDI-DD-A65-0L**




**Max Traction Force : 500N**

The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCDI-DD-A65-0L represents direct drive without gear motor.

**UOM: pc**

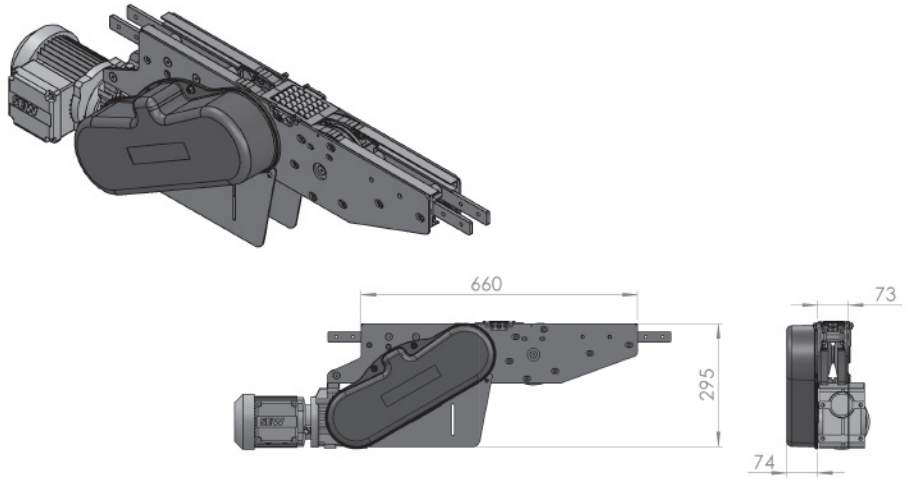
Chain required 2-way: 1.6 meter

Slide rail required 2-way: 1.0 meter

## FS Combined Direct Drive & Idler (RIGHT)

**FSCDI-DD-A65-0.25R, 0.37R, 0.55R**

**FSCDI-DD-A65-0R**




**Max Traction Force : 500N**

The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCDI-DD-A65-0R represents direct drive without gear motor.

**UOM: pc**

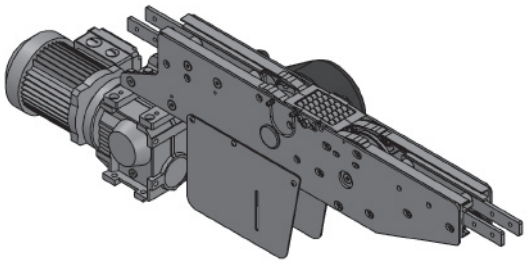
Chain required 2-way: 1.6 meter

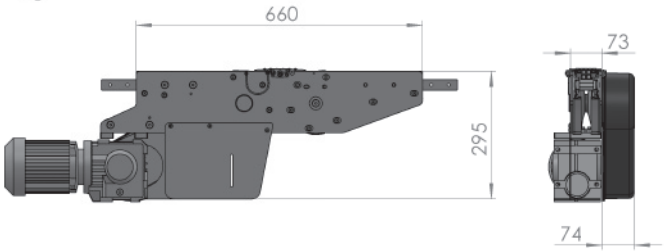
Slide rail required 2-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FS Combined Suspended Drive & Idler (LEFT)

**FSCDI-SD-A65-0.25L, 0.37L, 0.55L** | **FSCDI-SD-A65-0L**



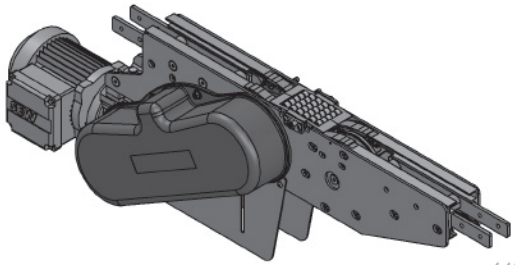


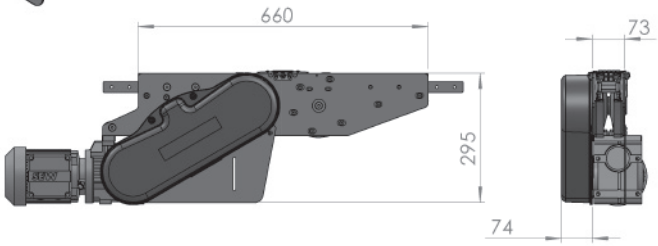

**Max Traction Force : 500N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCDI-SD-A65-0L represents suspended drive without gear motor.

**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

## FS Combined Suspended Drive & Idler (RIGHT)

**FSCDI-SD-A65-0.25R, 0.37R, 0.55R** | **FSCDI-SD-A65-0R**






**Max Traction Force : 500N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCDI-SD-A65-0R represents direct drive without gear motor.

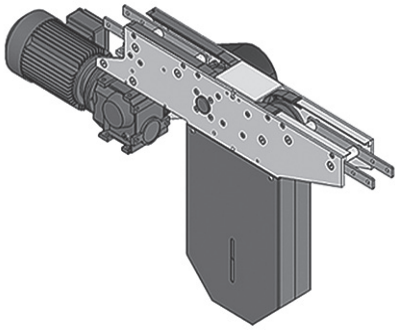
**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

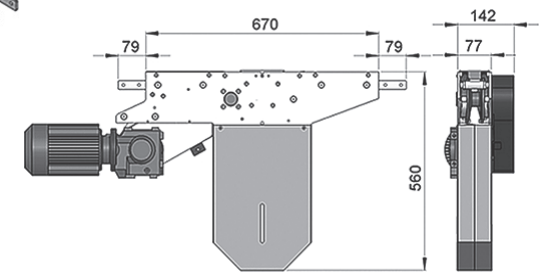
## FS Suspended Catenary Drive with Motor (LEFT)

**FSCD-SD-0.25L, 0.37L, 0.55L**

## FS Suspended Catenary Drive without Motor (LEFT)

**FSCD-SD-0L**





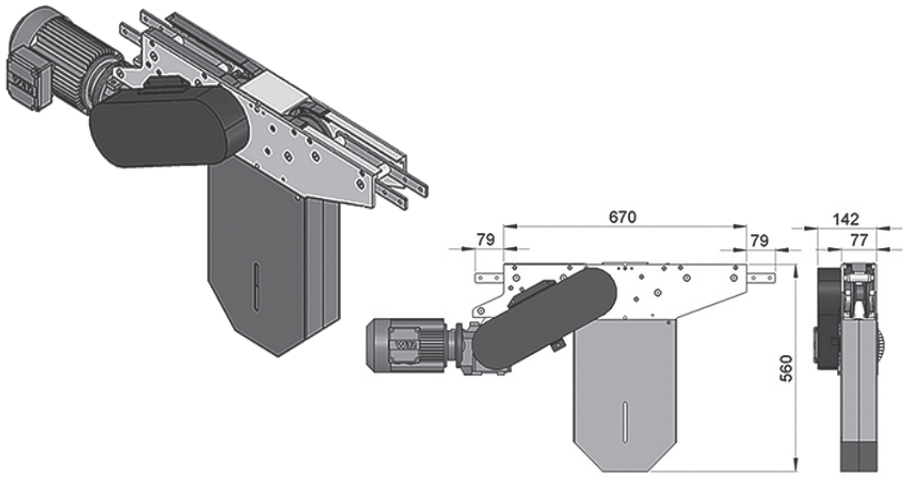

**Max Traction Force : 500N**
The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCD-SD-0L represents direct drive without gear motor.

**UOM: pc**
Chain required 1-way: 1.4 meter
Slide rail required 1-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FS Suspended Catenary Drive with Motor (RIGHT)

**FSCD-SD-0.25R, 0.37R, 0.55R**




## FS Suspended Catenary Drive without Motor (RIGHT)

**FSCD-SD-0R**

**Max Traction Force : 500N**

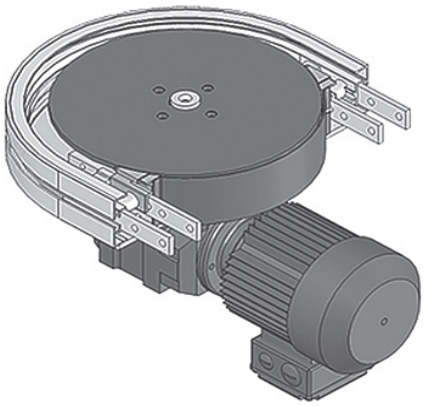
The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSCD-SD-0R represents direct drive without gear motor.

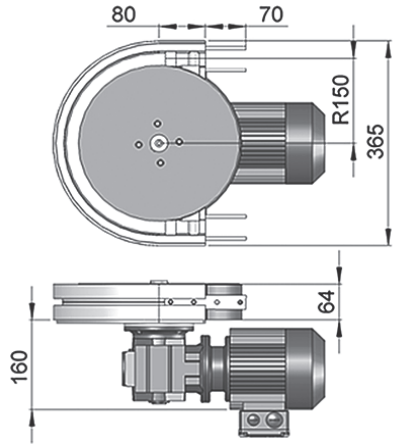
**UOM: pc**

Chain required 1-way: 1.4 meter
Slide rail required 1-way: 1.0 meter

## FS Direct Wheel Drive with Motor

**FSWD-DD-0.25, 0.37, 0.55**






## FS Direct Wheel Drive without Motor

**FSWD-DD-0M**

**Max Traction Force : 200N**

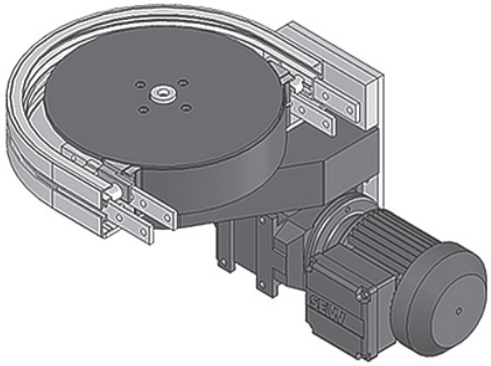
The Direct Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-DD-0M represents direct drive without gear motor. Maximum traction force for FSWD-DD is lower than FSDD and FSSD.

**UOM: pc**

Chain required 1-way: 0.7 meter
Slide rail required 1-way: 0.7 meter

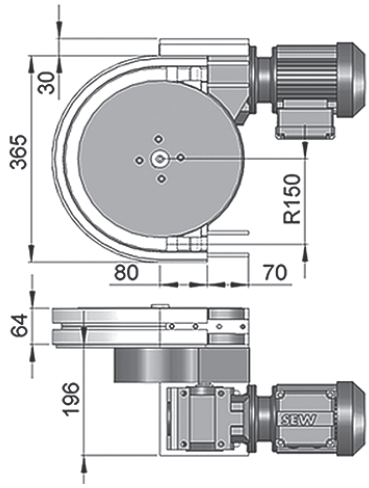
## FS Suspended Wheel Drive with Motor

**FSWD-SD-0.25, 0.37, 0.55**



## FS Suspended Wheel Drive without Motor

**FSWD-SD-0M**




**Max Traction Force : 200N**

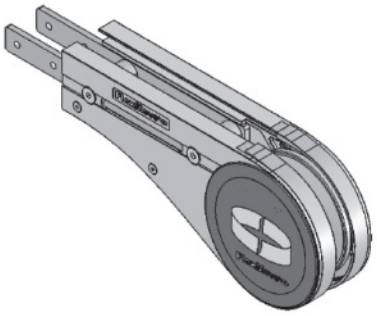
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-SD-0M represents direct drive without gear motor. Maximum traction force for FSWD-SD is lower than FSDD and FSSD.

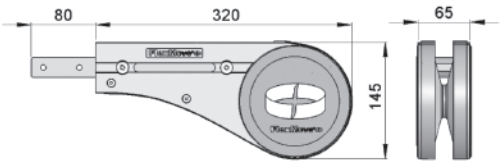
**UOM: pc**

Chain required 1-way: 0.7 meter
Slide rail required 1-way: 0.7 meter

*SEW gear motors are products of SEW Eurodrive*

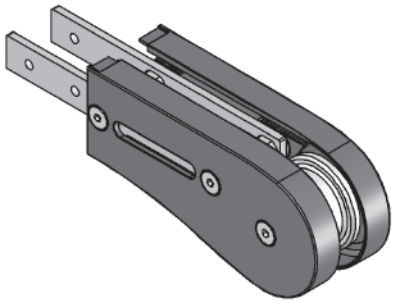
## FS Idler End-65 — FSIE-A65

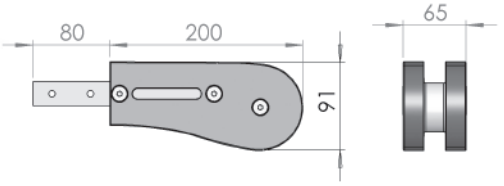





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

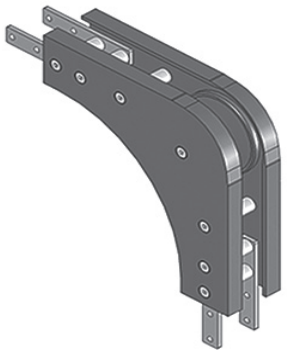
## FS Idler End-200 — FSIE-200

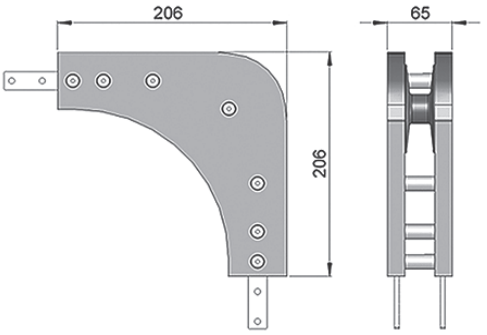





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 0

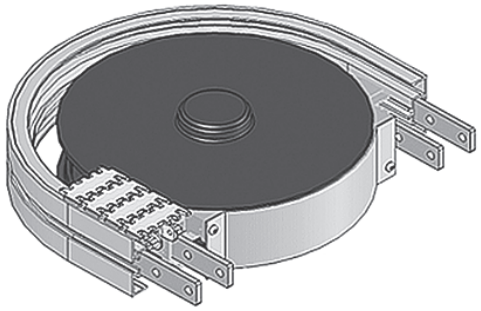
## FS Idler Bend — FSIB-206

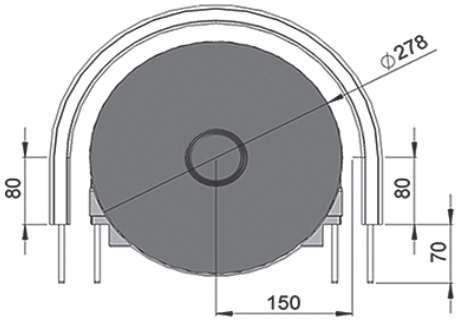





**UOM: pc**
Chain required 1-way: 0.6 meter
Slide rail: 0 meter
**Note:** Cannot be used with return chain

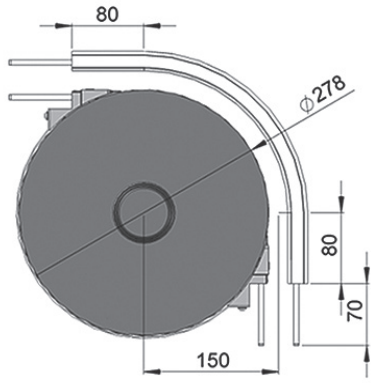
## FS Wheel Bend 180° — FSWB-180R150A





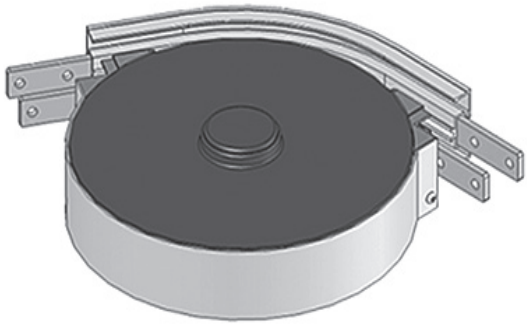

**UOM: pc**
Chain required 2-way: 1.3 meter
Slide rail required 2-way: 1.3 meter

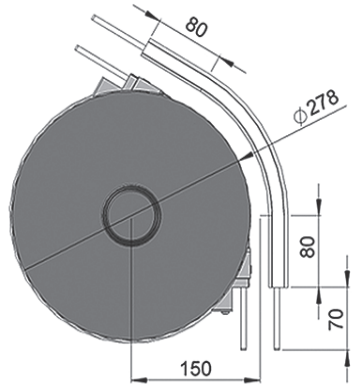
## FS Wheel Bend 90° FSWB-90R150A




**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.8 meter

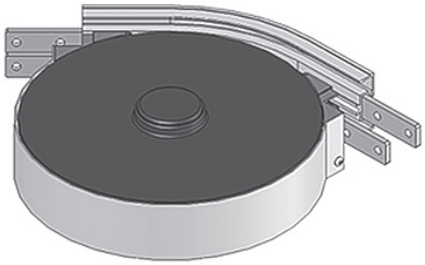
## FS Wheel Bend 60° FSWB-60R150A

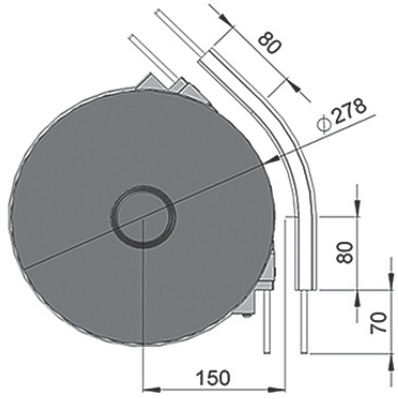





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 0.6 meter

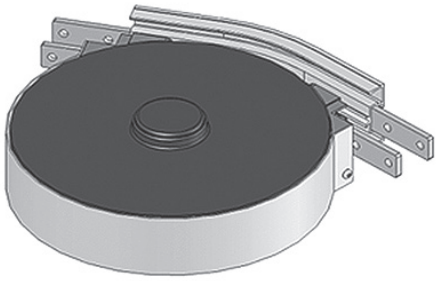
## FS Wheel Bend 45° FSWB-45R150A

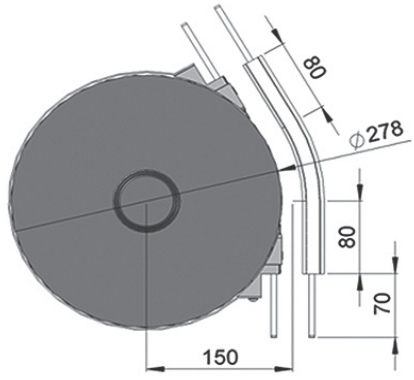





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 0.6 meter

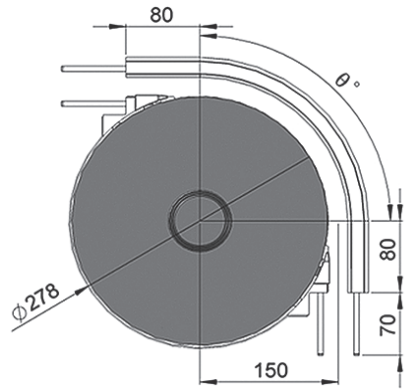
## FS Wheel Bend 30° FSWB-30R150A






**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 0.5 meter

## FS Wheel Bend 5° - 180°




**Example for FS Wheel Bend Ordering**

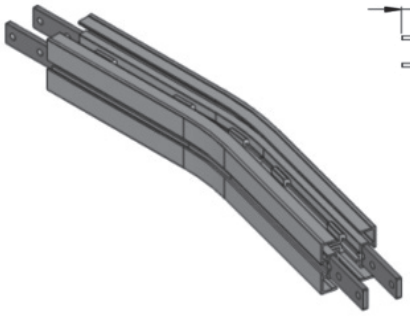
- Wheel bend, Ø° ± 1°
- FSWB-Ø°R150A

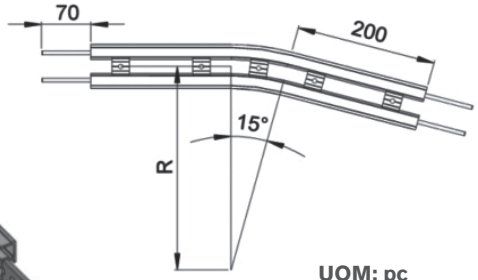
If an angle of 65° is needed for wheel bend, so the ordering part number is

**FSWB-65R150A**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Ø° must be indicated when ordering.*

## FS Horizontal Plain Bend 15°






**Horizontal plain bend, 15° ± 1°**

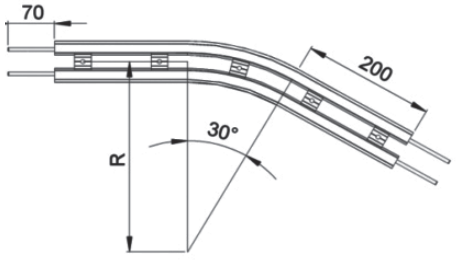
| | |
|---|---|
| R = 300 ± 10mm | **FSHB-15R300** |
| R = 500 ± 10mm | **FSHB-15R500** |
| R = 700 ± 10mm | **FSHB-15R700** |
| R = 1000 ± 10mm | **FSHB-15R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.3 meter

Slide rail required 2-way (300, 500, 700, 1000): 1.9, 2.1, 2.3, 2.6 meter

## FS Horizontal Plain Bend 30°




**Horizontal plain bend, 30° ± 1°**

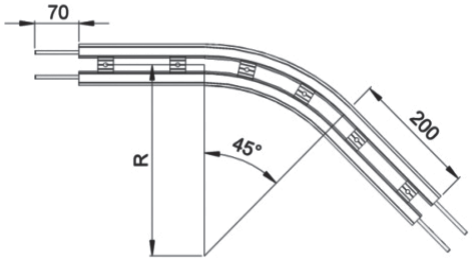
| | |
|---|---|
| R = 300 ± 10mm | **FSHB-30R300** |
| R = 500 ± 10mm | **FSHB-30R500** |
| R = 700 ± 10mm | **FSHB-30R700** |
| R = 1000 ± 10mm | **FSHB-30R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.1, 1.3, 1.5, 1.8 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.2, 2.6, 3.1, 3.7 meter

## FS Horizontal Plain Bend 45°




**Horizontal plain bend, 45° ± 1°**

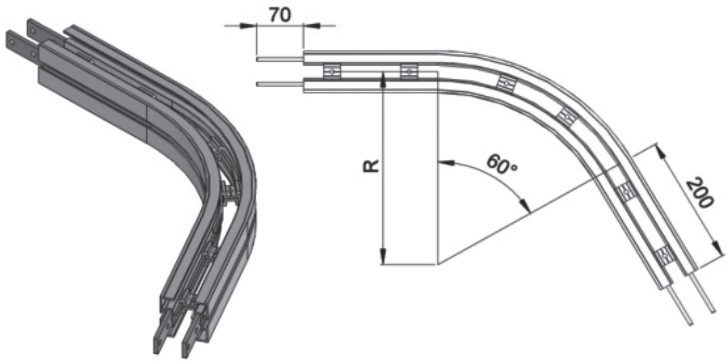
| | |
|---|---|
| R = 300 ± 10mm | **FSHB-45R300** |
| R = 500 ± 10mm | **FSHB-45R500** |
| R = 700 ± 10mm | **FSHB-45R700** |
| R = 1000 ± 10mm | **FSHB-45R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.3, 1.6, 1.9, 2.4 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.5, 3.2, 3.8, 4.7 meter

## FS Horizontal Plain Bend 60°




**Horizontal plain bend, 60° ± 1°**

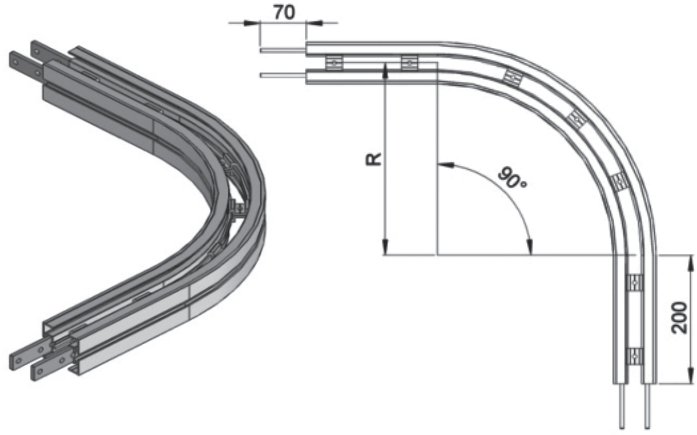
| | |
|---|---|
| R = 300 ± 10mm | **FSHB-60R300** |
| R = 500 ± 10mm | **FSHB-60R500** |
| R = 700 ± 10mm | **FSHB-60R700** |
| R = 1000 ± 10mm | **FSHB-60R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.4, 1.8, 2.3, 2.9 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.9, 3.7, 4.5, 5.8 meter

## FS Horizontal Plain Bend 90°



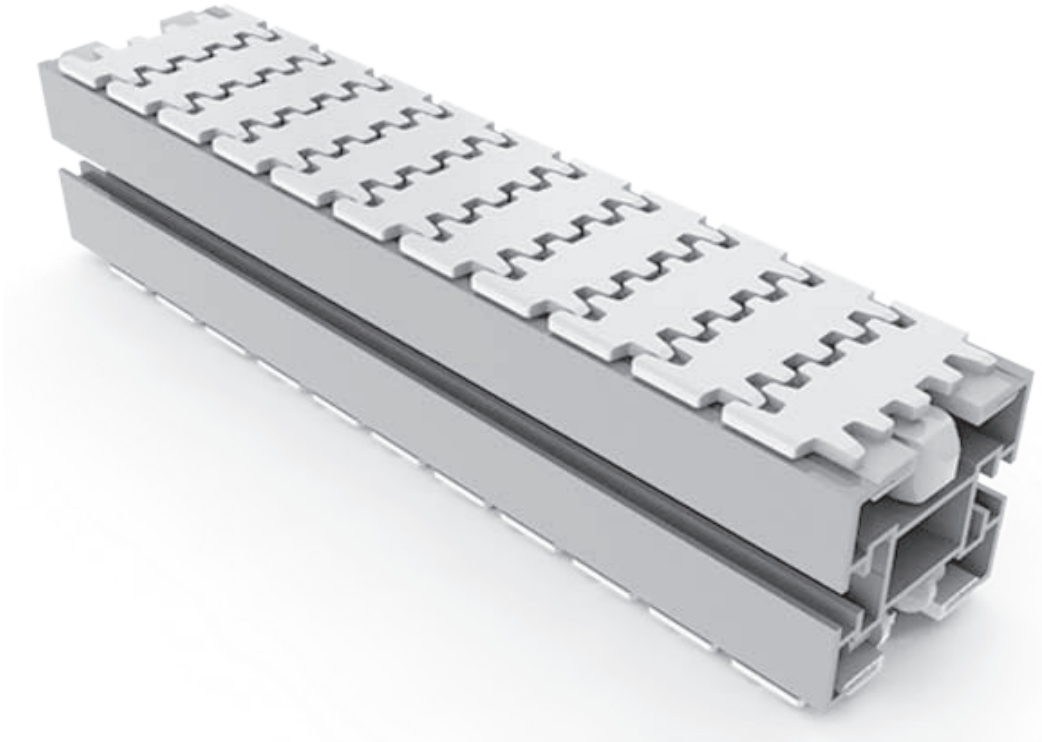

**Horizontal plain bend, 90° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FSHB-90R300** |
| R = 500 ± 10mm | **FSHB-90R500** |
| R = 700 ± 10mm | **FSHB-90R700** |
| R = 1000 ± 10mm | **FSHB-90R1000** |

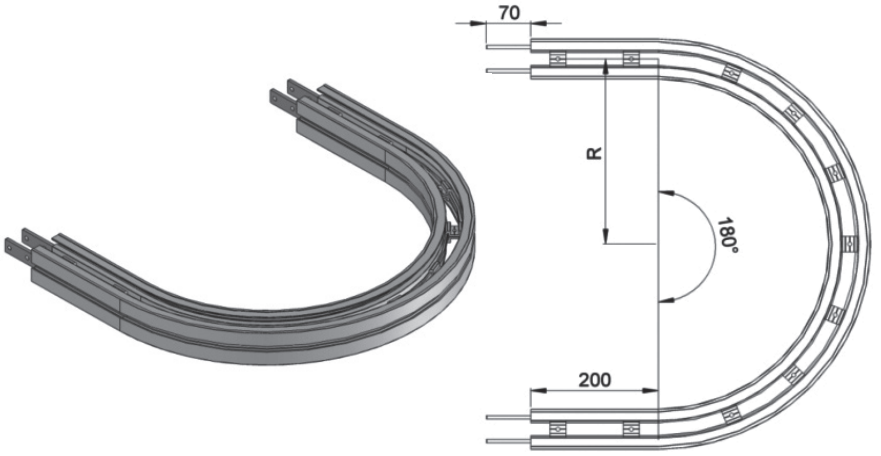
**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.7, 2.4, 3.0, 3.9 meter

Slide rail required 2-way (300, 500, 700, 1000): 3.5, 4.7, 6.0, 7.9 meter



## FS Horizontal Plain Bend 180°

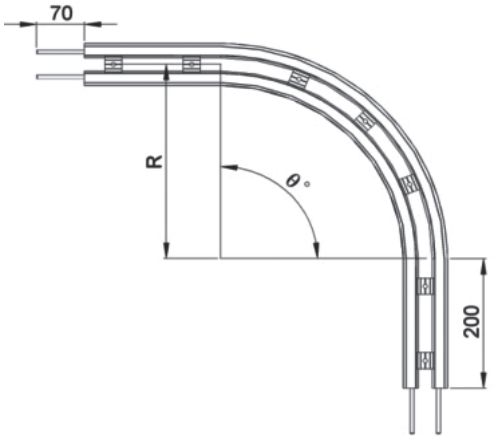



**Horizontal plain bend, 180° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FSHB-180R300** |
| R = 500 ± 10mm | **FSHB-180R500** |
| R = 700 ± 10mm | **FSHB-180R700** |
| R = 1000 ± 10mm | **FSHB-180R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 2.7, 3.9, 5.2, 7.1 meter
Slide rail required 2-way (300, 500, 700, 1000): 5.4, 7.9, 10.4, 14.2 meter

## FS Horizontal Plain Bend 5° - 180°




### Example for FS Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FSHB- Ø°300** |
| R = 500 ± 10mm | **FSHB- Ø°500** |
| R = 700 ± 10mm | **FSHB- Ø°700** |
| R = 1000 ± 10mm | **FSHB- Ø°1000** |

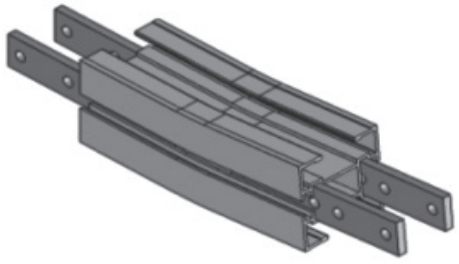
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

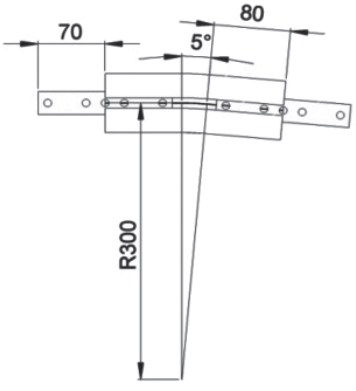
**FSHB-120R500**

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): meter (Variable to angle)
Slide rail required 2-way (300, 500, 700, 1000): meter (Variable to angle)

## FS Vertical Bend 5°

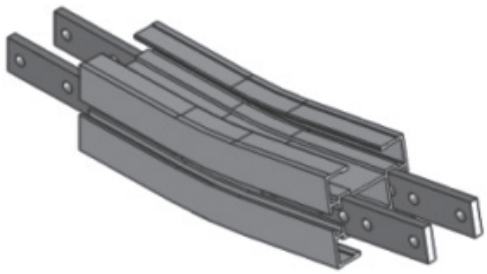
FSVB-5R300

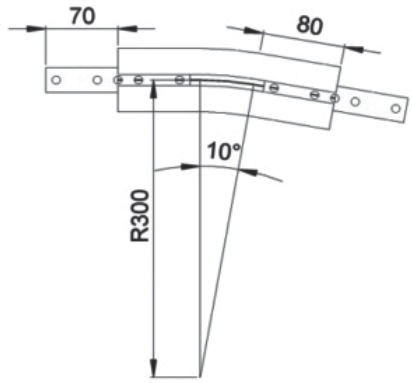





**UOM: pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.7 meter

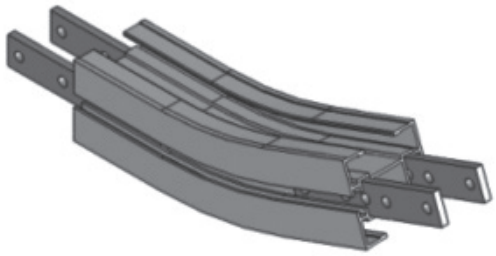
## FS Vertical Bend 10° — FSVB-10R300

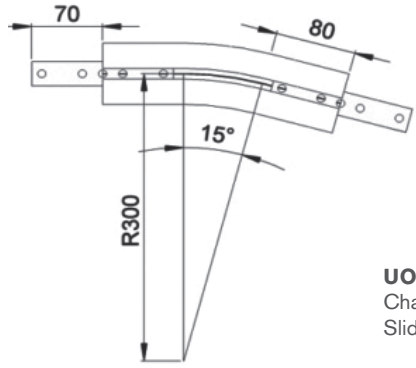





**UOM: pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.8 meter

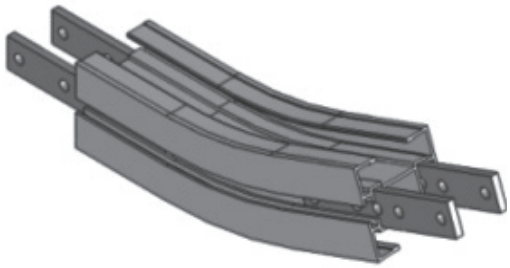
## FS Vertical Bend 15° — FSVB-15R300

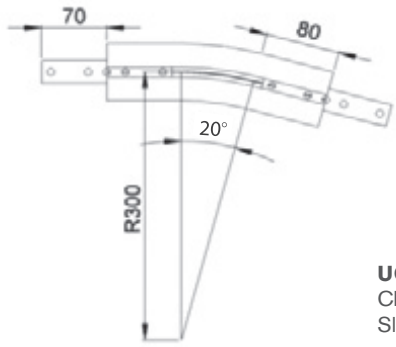





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.0 meter

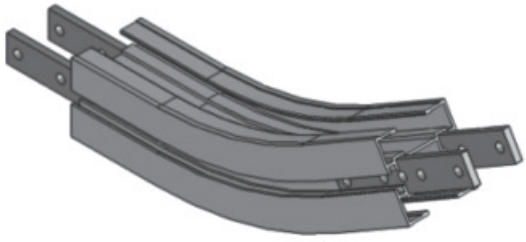
## FS Vertical Bend 20° — FSVB-20R300

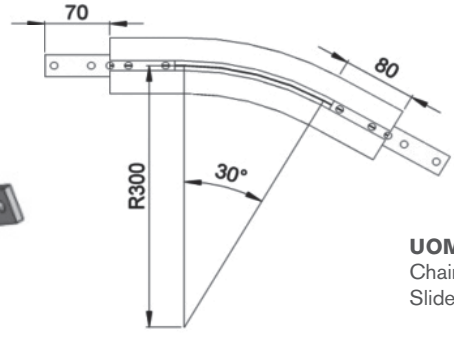





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.1 meter

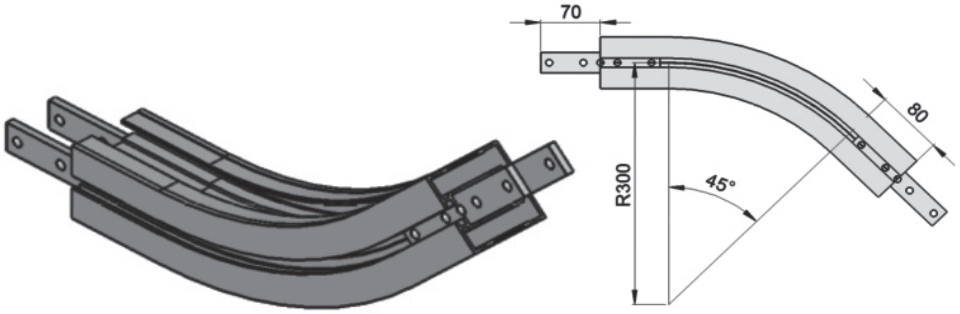
## FS Vertical Bend 30° — FSVB-30R300





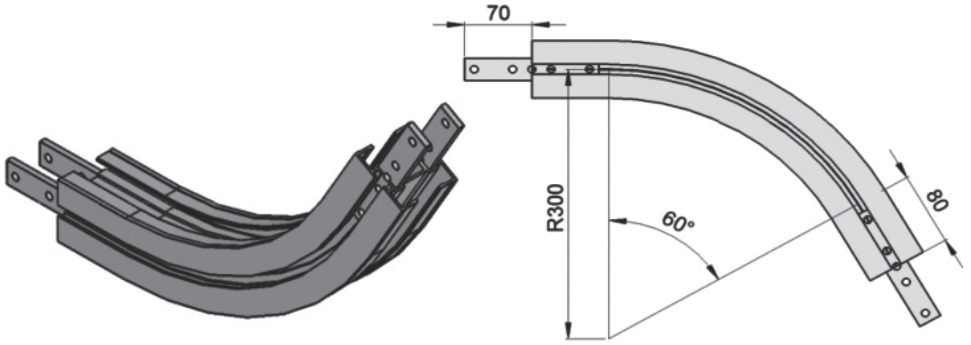

**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.3 meter

## FS Vertical Bend 45° FSVB-45R300



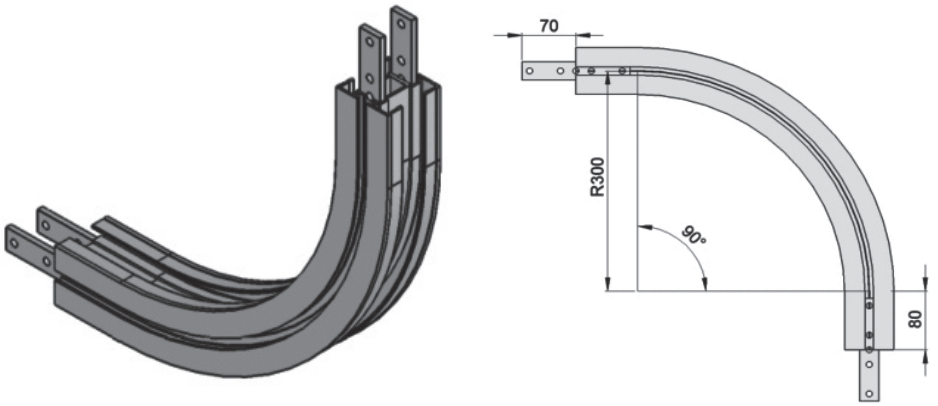

**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 1.6 meter

## FS Vertical Bend 60° FSVB-60R300



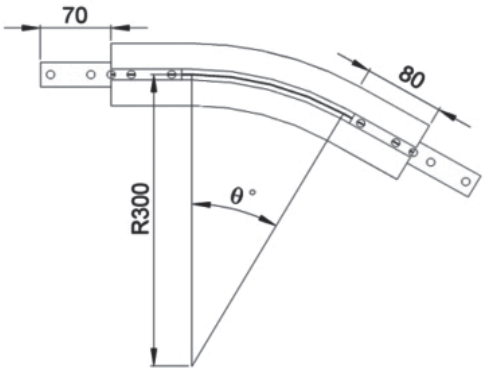

**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 1.9 meter

## FS Vertical Bend 90° FSVB-90R300




**UOM: pc**
Chain required 2-way: 1.3 meter
Slide rail required 2-way: 2.5 meter

## FS Vertical Bend 5° - 90°




### Example for FS Vertical Bend Ordering

- Vertical bend, Ø° ± 1°
- FSVB-Ø°R300

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FSVB-65R300**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Ø° must be indicated when ordering.*

Variety of chain type suitable for wide range of applications either horizontal or vertically product transportation. Capacity higher than FK and FS. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FM Series Characteristic

**Beam Width:** 85mm

**Product Width:** Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 OR FASR-25U

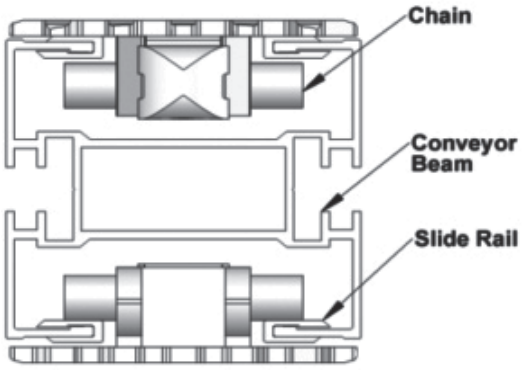
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE OR UHMW-PE

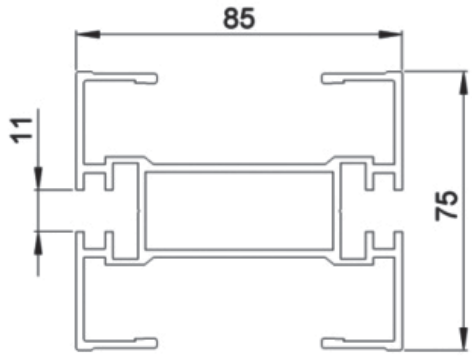
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

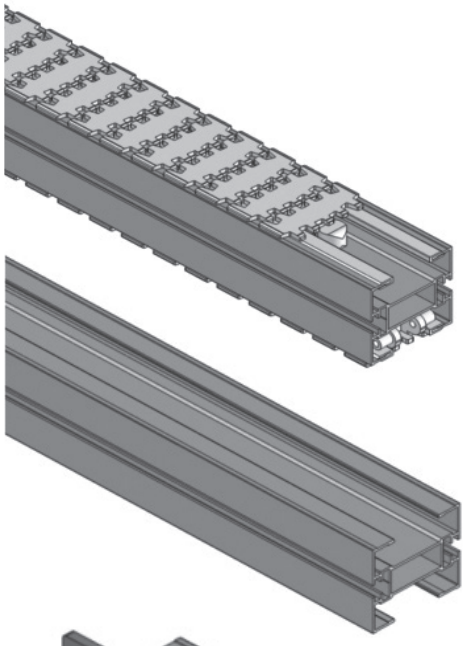
**Connecting Strip:** FACS-25x140A



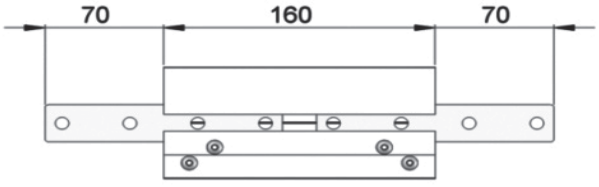

## Conveyor Beam FMCB-3

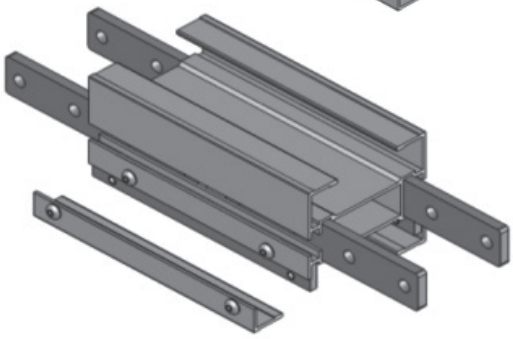



**UOM: 3 Meter / Length**



## Chain Connecting Module FMCC-160



**UOM: pc**

## Chain Common Data

**Packaging:** 5m per box

**Pitch:** 33.5mm

**Width:** 83mm

Tensile Strength at 20°C: 6000N

**Colour:** White & Black (Conductive)

## Material :-

**Chain:** White Acetal / POM

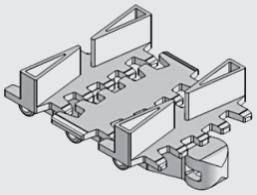
**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

**Insert (Wedge & Friction):** TPE Grey

**Example for FMCT-5A17-L#**

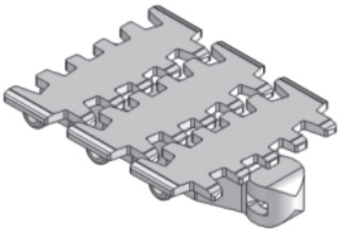
**# = 1** cleated top chain with alternate of # link of plain chain

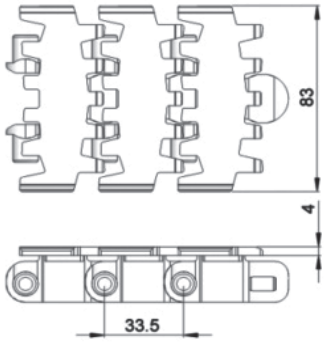


The above chain is FMCT-5A17-L1, 1 link cleated top chain with alternate of 1 link of plain chain.

**Note: # = 1, 2, 3, 4, 5.....20**

## Standard Plain Chain **FMPC-5**

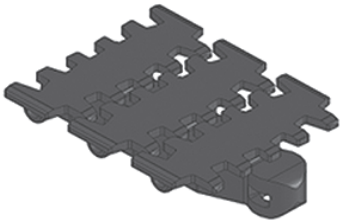


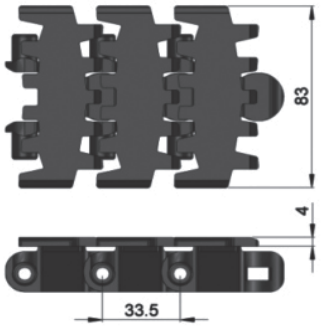



**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

## Conductive Chain **FMPC-5CD**

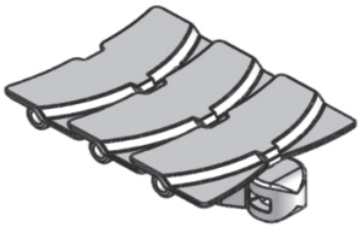


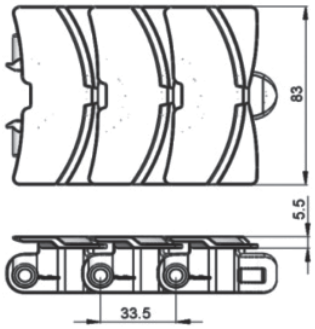



**UOM: 5 Meter / box**

Application: Suitable for transport of static sensitive product.

## Safety Chain **FMPC-5V**

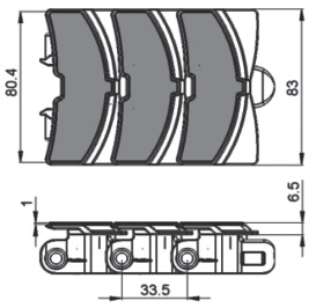





**UOM: 5 Meter / box**

Application: (Safety Chain) Suitable for horizontal and slope < 5° transport of products with accumulation

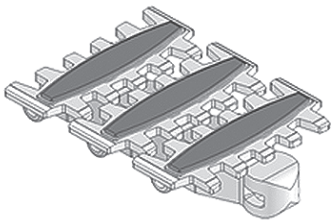
## Safety Chain Friction Top **FMFT-5V-A**

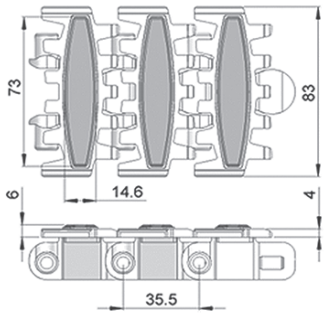



**UOM: 5 Meter / box**

Application: (Safety Chain) Suitable for transport product in slope > 5° but ≤ 30° without accumulation.

## Friction Top Chain **FMFT-5**

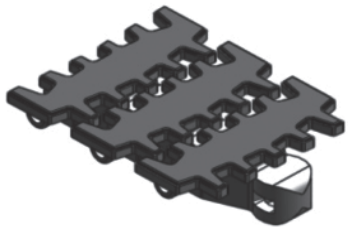


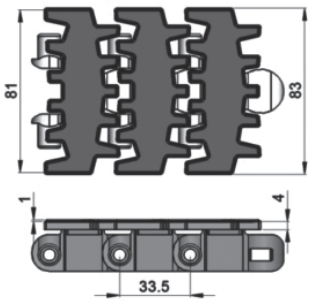



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but ≤ 30° without accumulation.

## Friction Top Chain **FMFT-5A**

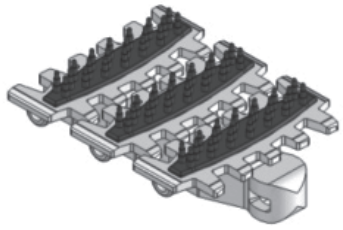


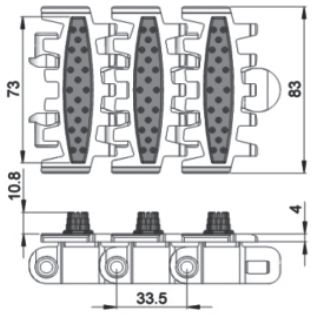



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but ≤ 30° without accumulation.

## Wedge Top Chain **FMWT-5A**

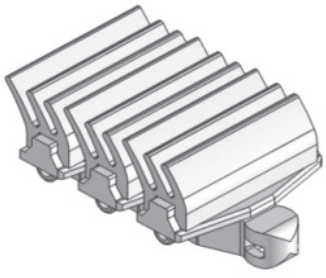


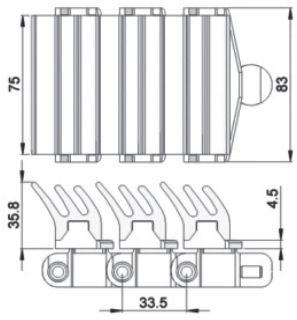



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

## Wedge Top Chain **FMWT-5B**

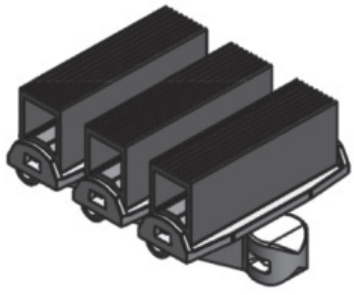


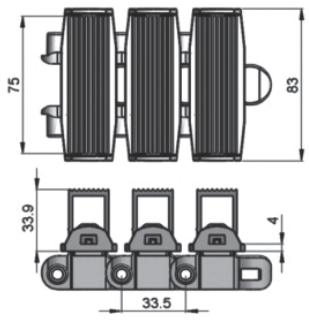



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products (Heavy Duty)

## Wedge Top Chain **FMWT-5C**

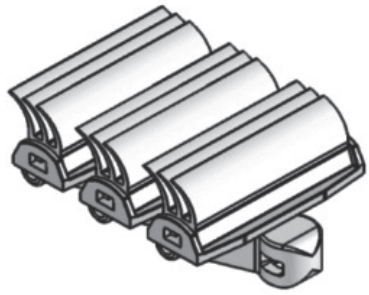


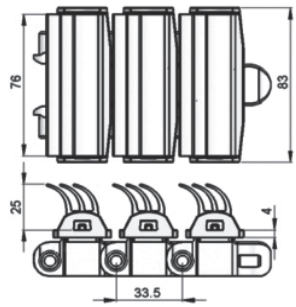



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products (Heavy Duty)

## Wedge Top Chain **FMWT-5D**

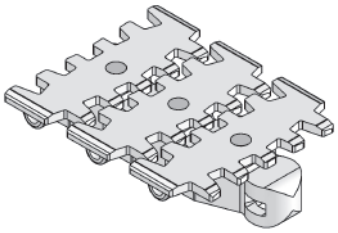


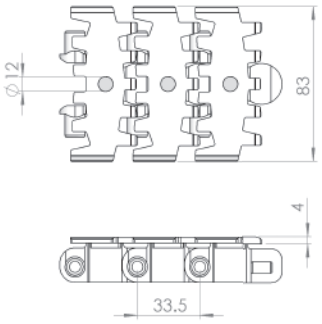



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

## Magnet Top Chain **FMMT-5**

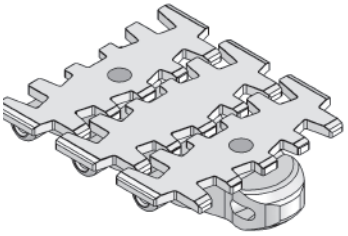


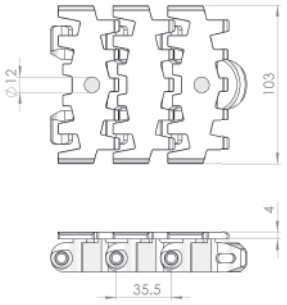



**UOM: 5 Meter / box**

Application: Suitable for conveying of ferromagnetic products in slope.

## Magnet Top Chain **FMMT-5-L#**

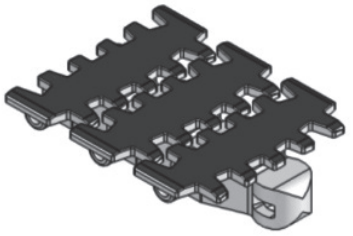


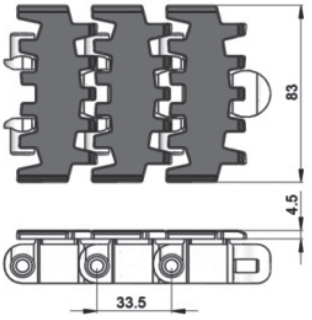



**UOM: 5 Meter / box**

Application: Suitable for conveying of ferromagnetic products in slope.

## Flocked Chain **FMFK-5**

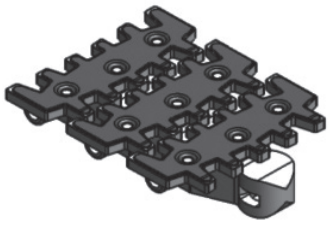


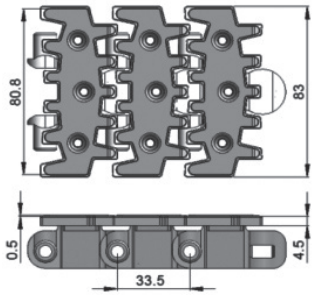



**UOM: 5 Meter / box**

Application: Suitable to transport light weight, fragile and scratch sensitive product.

## Hardened Steel Top Chain **FMST-5**

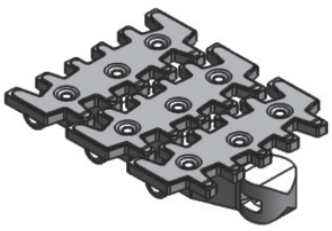


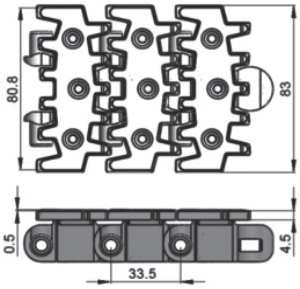



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## Stainless Steel Top Chain **FMST-5S**

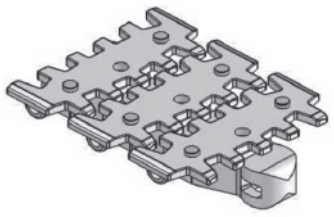


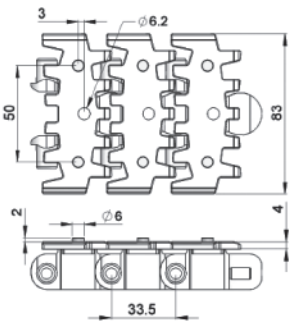



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## Universal Chain **FMUC-5**

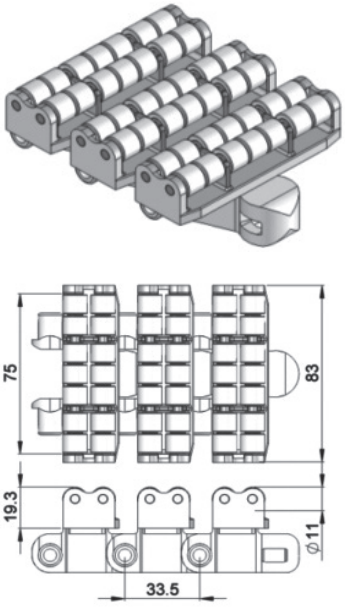





**UOM: 5 Meter / box**

Application: Universal Link With M6 Nut, Suitable for attached customer cleat or fixture.

## Roller Top Chain **FMRT-5**

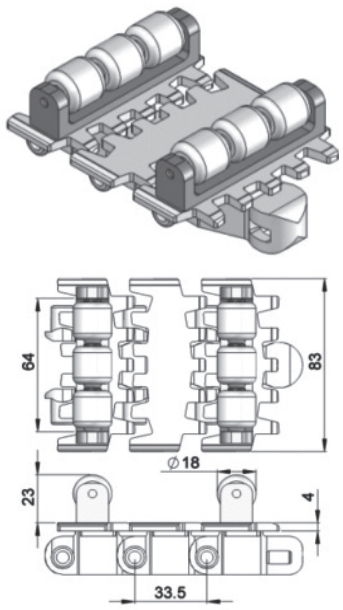



**UOM: 5 Meter / box**

Application: Suitable for accumulation of product with low friction and pressure.

## Roller Cleat Chain **FMRC-5A-L#**

**# = 1, 2, 3, 4, 5.....20**

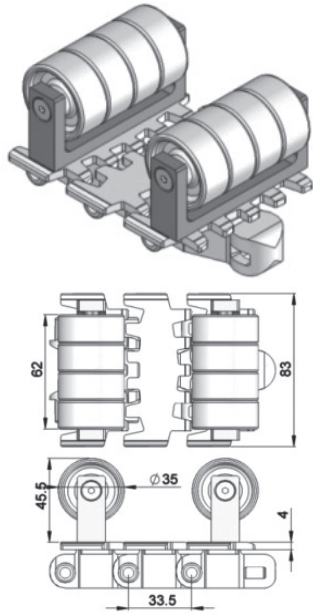



**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

## Roller Cleat Chain **FMRC-5B-L#**

**# = 1, 2, 3, 4, 5.....20**

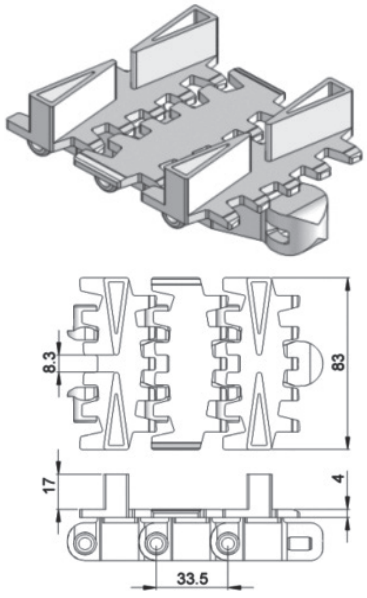



**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

## Cleat Top Chain **FMCT-5A17-L#**

**# = 1, 2, 3, 4, 5.....20**

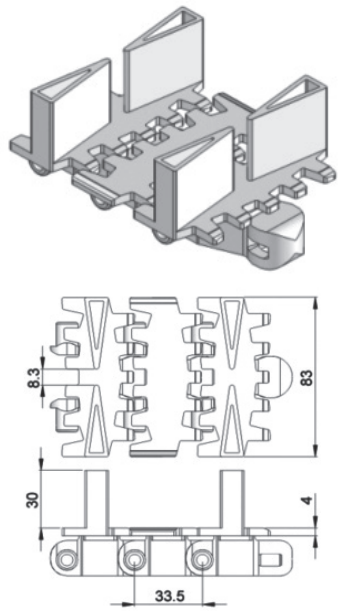



**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

## Cleat Top Chain **FMCT-5A30-L#**

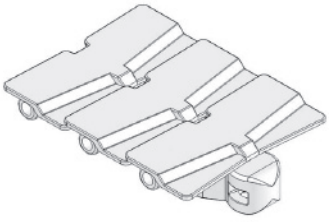
**# = 1, 2, 3, 4, 5.....20**

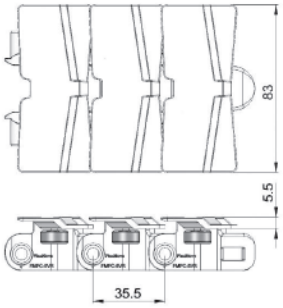



**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

## Safety Chain with rollers **FMPC-5VR**

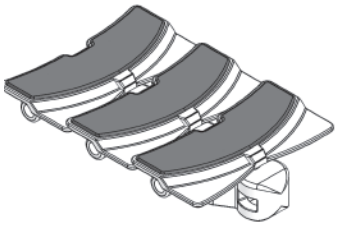


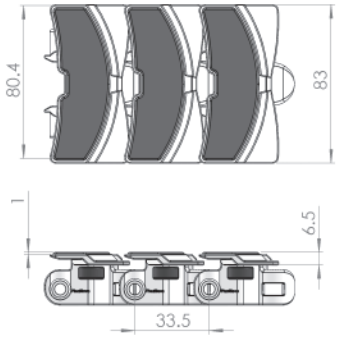



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but <= 30° without accumulation. (Subject to product weight and Packing)

## Safety Chain Friction Top with rollers **FMFT-5VR-A**

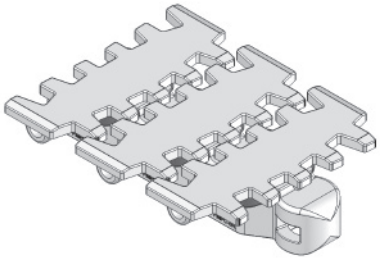


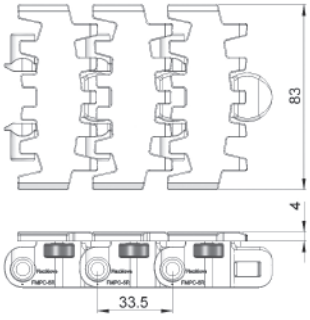



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but <= 30° without accumulation. (Subject to product weight and Packing)

## Plain Chain with rollers **FMPC-5R**

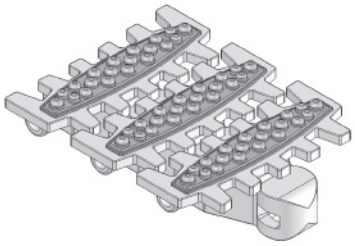


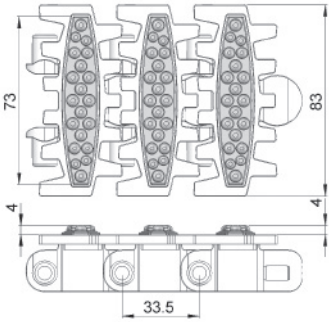



**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

## Friction Top Chain **FMFT-5C**



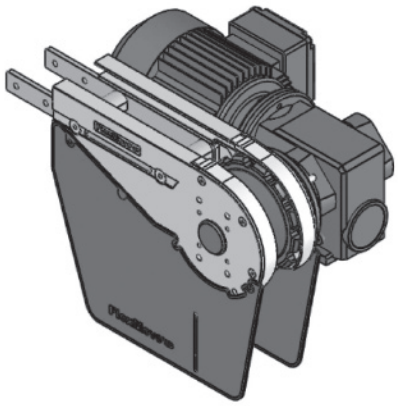



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5° but <= 35° without accumulation. (Subject to product weight and Packing)

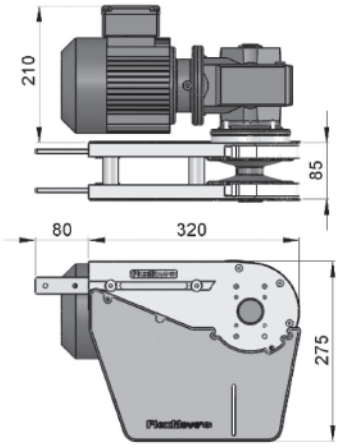
## FM Direct End Drive with Motor (LEFT)

**FMDD-A85-0.25L, 0.37L, 0.55L**



## FM Direct End Drive without Motor (LEFT)

**FMDD-A85-0L**




**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85-0L represents direct drive without gear motor. Multi channel drives are available upon request.

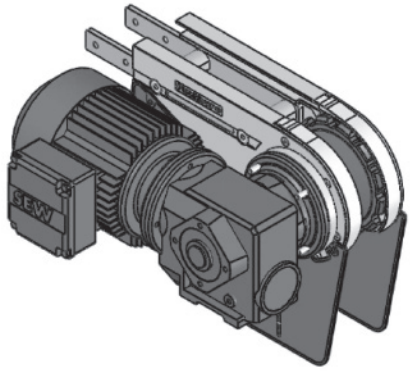
**UOM: pc**

Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

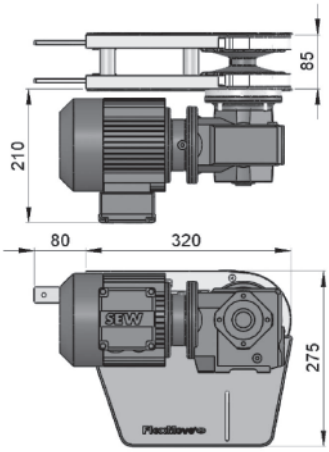
## FM Direct End Drive with Motor (RIGHT)

**FMDD-A85-0.25R, 0.37R, 0.55R**



## FM Direct End Drive without Motor (RIGHT)

**FMDD-A85-0R**




**Max Traction Force : 1250N**

The Direct End Drive Unit without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85-0R represents direct drive without gear motor. Multi channel drives are available upon request.

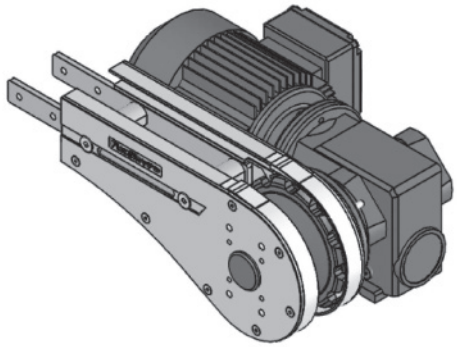
**UOM: pc**

Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0.5 meter

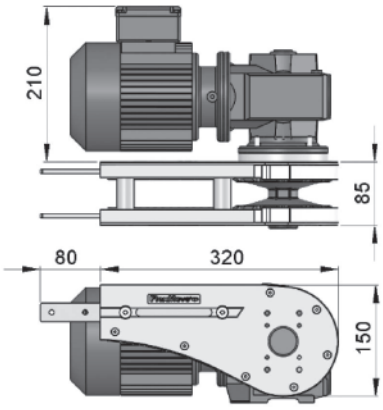
## FM Direct End Drive with Motor GP (LEFT)

**FMDD-A85GP-0.25L, 0.37L, 0.55L**



## FM Direct End Drive without Motor GP (LEFT)

**FMDD-A85GP-0L**




**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85GP-0L represents direct drive without gear motor.

**UOM: pc**

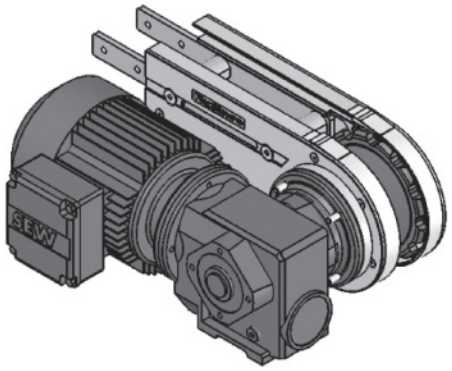
Chain required 2-way: 0.8 meter

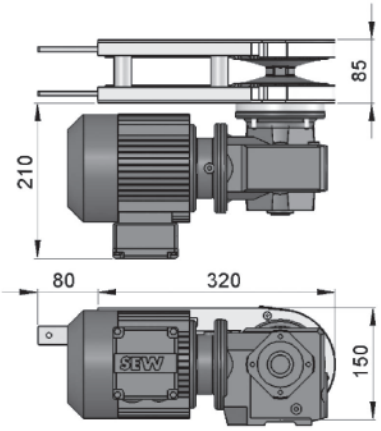
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FM Direct End Drive with Motor GP (RIGHT)

**FMDD-A85GP-0.25R, 0.37R, 0.55R**






## FM Direct End Drive without Motor GP (RIGHT)

**FMDD-A85GP-0R**

**Max Traction Force : 1250N**

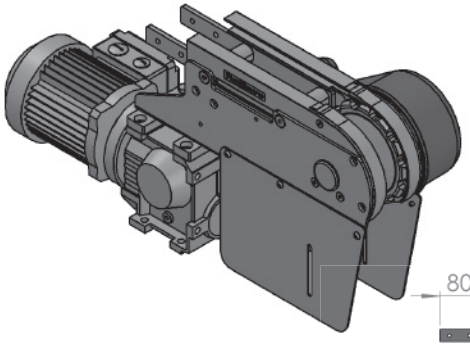
The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85GP-0R represents direct drive without gear motor.

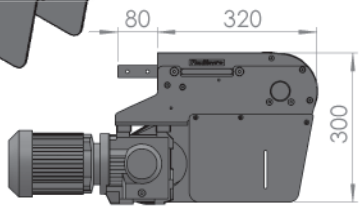
**UOM: pc**

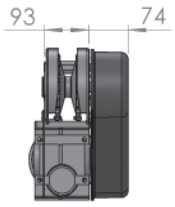
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

## FM Suspended End Drive with Motor (LEFT)

**FMSD-A85-0.25L, 0.37L, 0.55L**






## FM Suspended End Drive without Motor (LEFT)

**FMSD-A85-0L**

**Max Traction Force : 1250N**

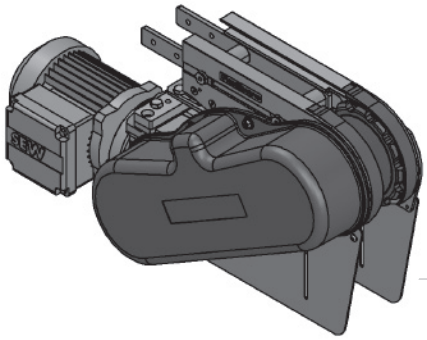
The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMSD-A85-0L represents direct drive without gear motor.

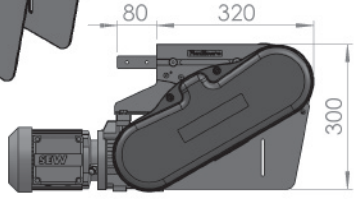
**UOM: pc**

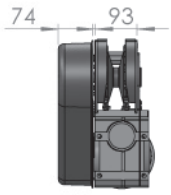
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

## FM Suspended End Drive with Motor (RIGHT)

**FMSD-A85-0.25R, 0.37R, 0.55R**






## FM Suspended End Drive without Motor (RIGHT)

**FMSD-A85-0R**

**Max Traction Force : 1250N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMSD-A85-0R represents direct drive without gear motor.

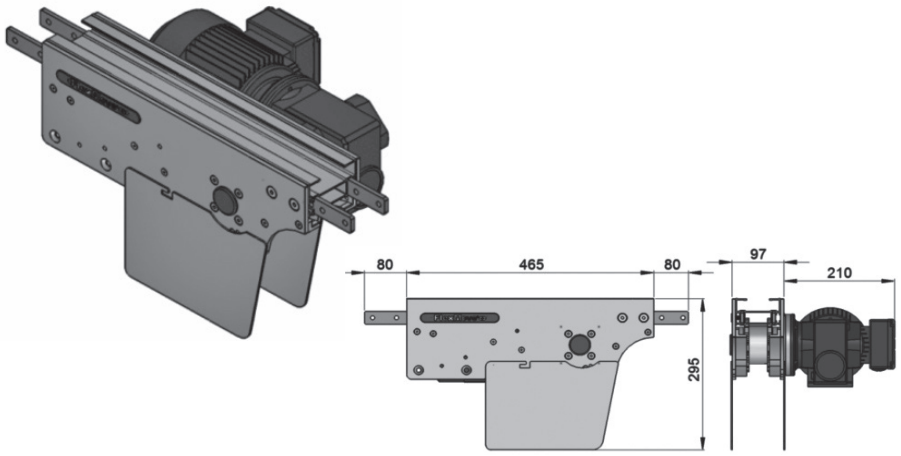
**UOM: pc**

Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FM Direct Intermediate Drive with Motor (LEFT)

**FMID-DD-0.25L1, 0.37L1, 0.55L1**




## FM Direct Intermediate Drive without Motor (LEFT)

**FMID-DD-0L1**

**Max Traction Force : 200N**

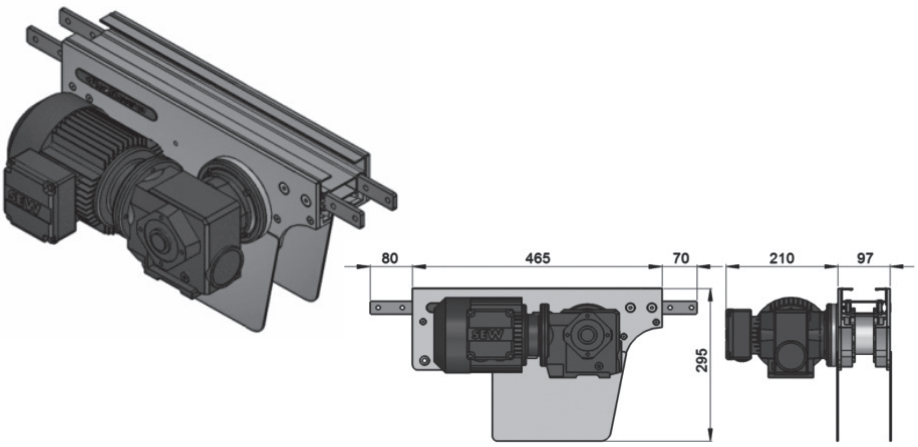
The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMID-DD-0L1 represents direct drive without gear motor. Maximum traction force for FMID-DD is lower than FMDD and FMSD.

**UOM: pc**

Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FM Direct Intermediate Drive with Motor (RIGHT)

**FMID-DD-0.25R1, 0.37R1, 0.55R1**




## FM Direct Intermediate Drive without Motor (RIGHT)

**FMID-DD-0R1**

**Max Traction Force : 200N**

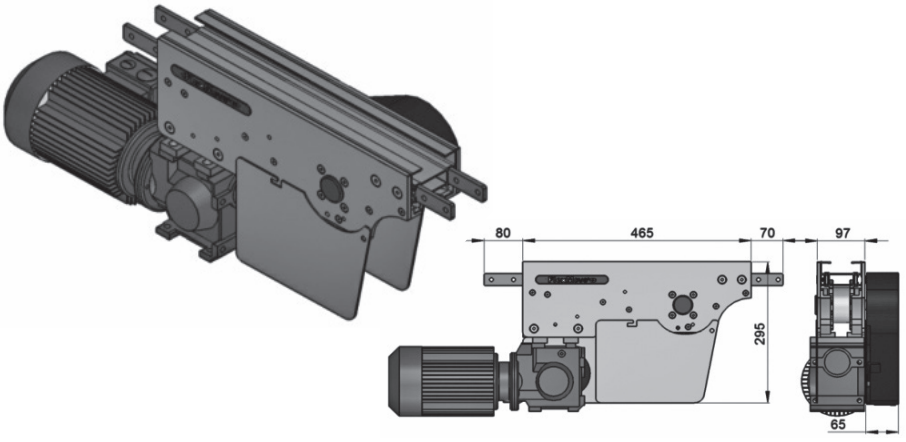
The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMID-DD-0R1 represents direct drive without gear motor. Maximum traction force for FMID-DD is lower than FMDD and FMSD.

**UOM: pc**

Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FM Suspended Intermediate Drive with Motor (LEFT)

**FMID-SD-0.25L1, 0.37L1, 0.55L1**




## FM Suspended Intermediate Drive without Motor (LEFT)

**FMID-SD-0L1**

**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMID-SD-0L1 represents suspended drive without gear motor. Maximum traction force for FMID-SD is lower than FMDD and FMSD.

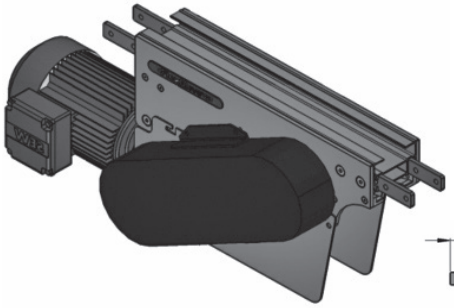
**UOM: pc**

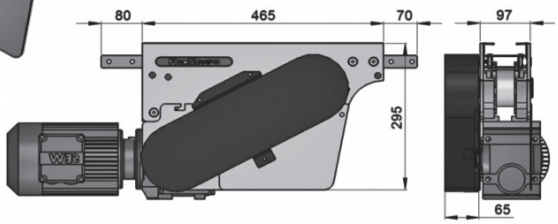
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

*SEW gear motors are products of SEW Eurodrive*

## FM Suspended Intermediate Drive with Motor (RIGHT)

**FMID-SD-0.25R1, 0.37R1, 0.55R1**






## FM Suspended Intermediate Drive without Motor (RIGHT)

**FMID-SD-0R1**

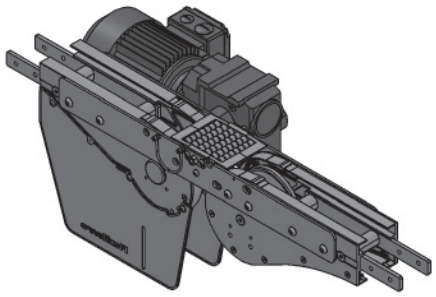
**Max Traction Force : 200N**

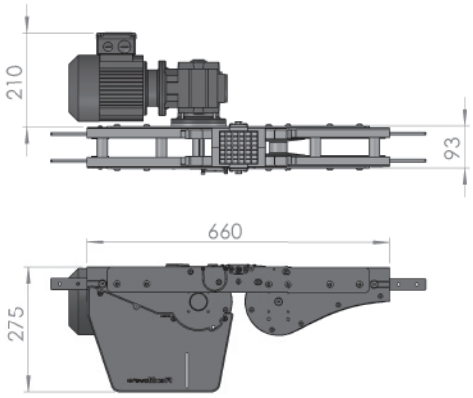
The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMID-SD-0R1 represents suspended drive without motor. Maximum traction force for FMID-SD is lower than FMDD and FMSD.

**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 1.1 meter

## FM Combined Direct Drive & Idler (LEFT)

**FMCDI-DD-A85-0.25L, 0.37L, 0.55L**






**FMCDI-DD-A85-0L**

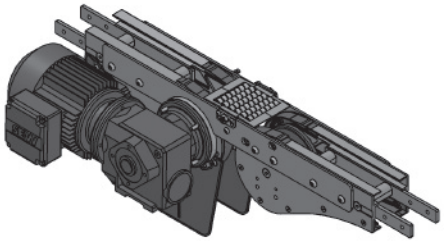
**Max Traction Force : 1250N**

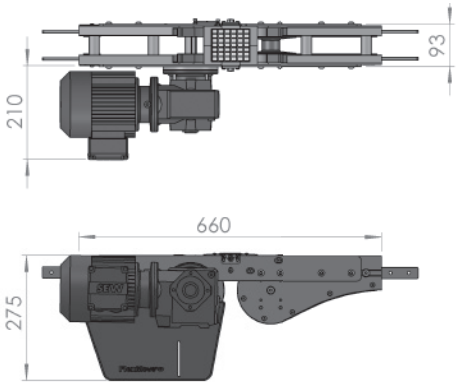
The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCDI-DD-A85-0L represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

## FM Combined Direct Drive & Idler (RIGHT)

**FMCDI-DD-A85-0.25R, 0.37R, 0.55R**






**FMCDI-DD-A85-0R**

**Max Traction Force : 1250N**

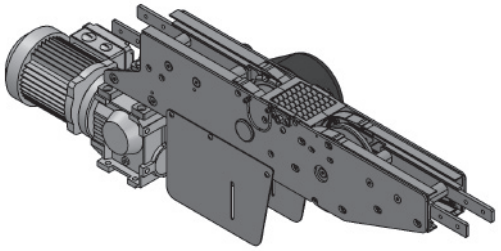
The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCDI-DD-A85-0R represents direct drive without gear motor.

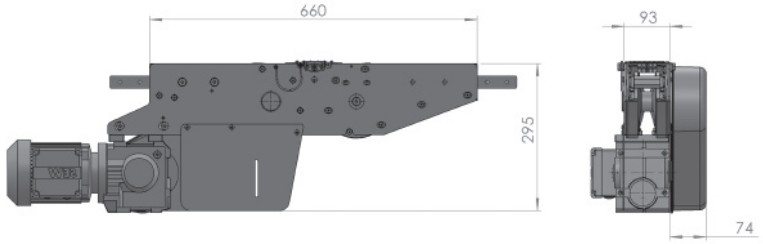
**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FM Combined Suspended Drive & Idler (LEFT)

**FMCDI-SD-A85-0.25L, 0.37L, 0.55L** | **FMCDI-SD-A85-0L**



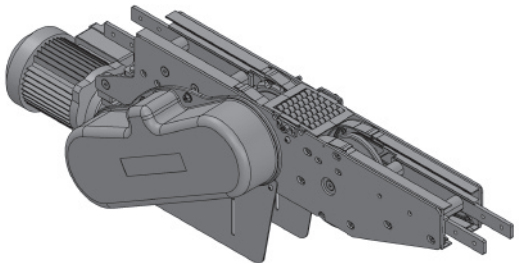


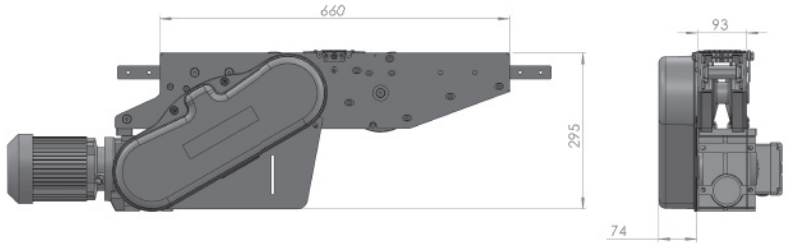

**Max Traction Force : 1250N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCDI-SD-A85-0L represents suspended drive without gear motor.

**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

## FM Combined Suspended Drive & Idler (RIGHT)

**FMCDI-SD-A85-0.25R, 0.37R, 0.55R** | **FMCDI-SD-A85-0R**



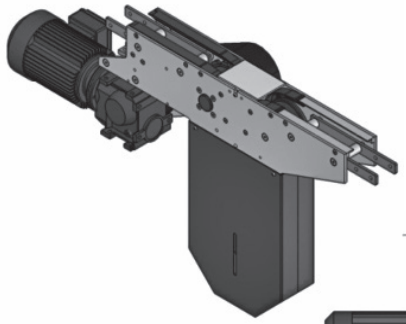


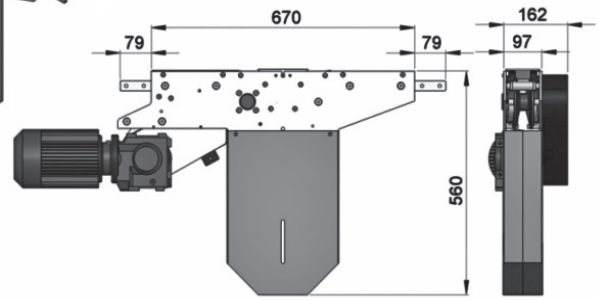

**Max Traction Force : 1250N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCDI-SD-A85-0R represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 1.0 meter

## FM Suspended Catenary Drive with Motor (LEFT) | FM Suspended Catenary Drive without Motor (LEFT)

**FMCD-SD-0.25L, 0.37L, 0.55L** | **FMCD-SD-0L**





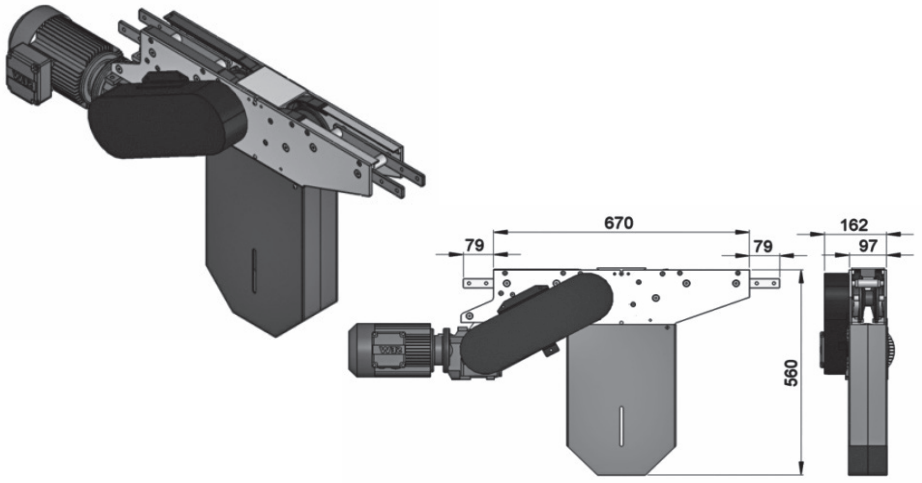

**Max Traction Force : 1250N**
The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCD-SD-0L represents suspended drive without gear motor.

**UOM: pc**
Chain required 1-way: 1.4 meter
Slide rail required 1-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FM Suspended Catenary Drive with Motor (RIGHT)

**FMCD-SD-0.25R, 0.37R, 0.55R**




## FM Suspended Catenary Drive without Motor (RIGHT)

**FMCD-SD-0R**

**Max Traction Force : 1250N**

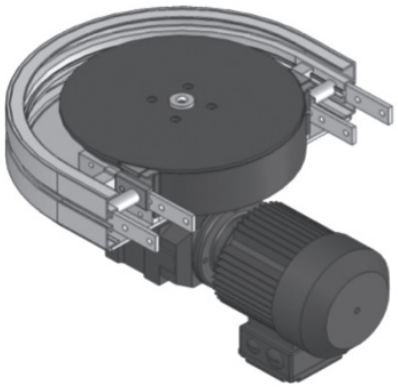
The Suspended Catenary Drive Unit is with torque limiter. Standard attached drive are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCD-SD-0R represents suspended drive without motor.

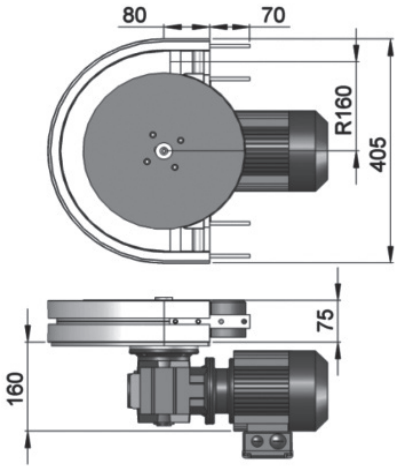
**UOM: pc**

Chain required 1-way: 1.4 meter
Slide rail required 1-way: 1.0 meter

## FM Direct Wheel Drive with Motor

**FMWD-DD-0.25, 0.37, 0.55**






## FM Direct Wheel Drive without Motor

**FMWD-DD-0M**

**Max Traction Force : 200N**

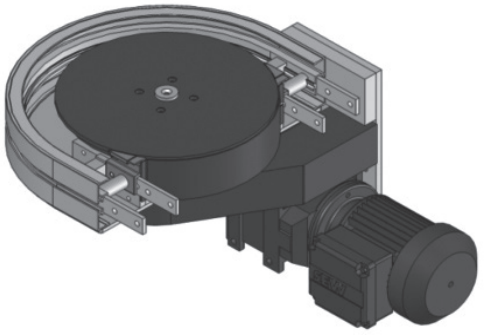
The Direct Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMWD-DD-0M represents wheel drive without gear motor. Maximum traction force for FMWD-DD is lower than FMDD and FMSD.

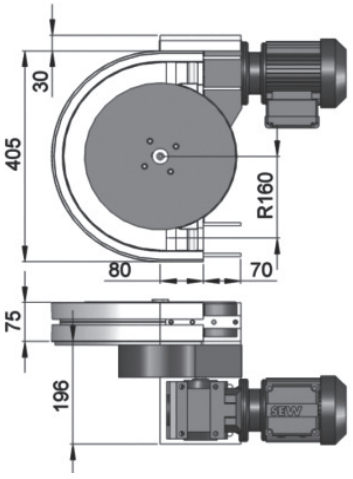
**UOM: pc**

Chain required 1-way: 0.7 meter
Slide rail required 1-way: 0.7 meter

## FM Suspended Wheel Drive with Motor

**FMWD-SD-0.25, 0.37, 0.55**






## FM Suspended Wheel Drive without Motor

**FMWD-SD-0M**

**Max Traction Force : 200N**

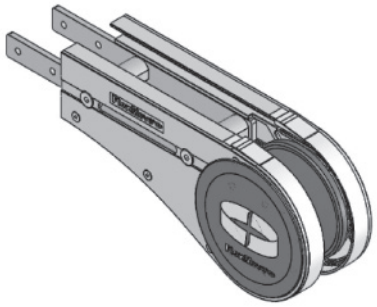
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMWD-SD-0M represents wheel drive without gear motor. Maximum traction force for FMWD-SD is lower than FMDD and FMSD.

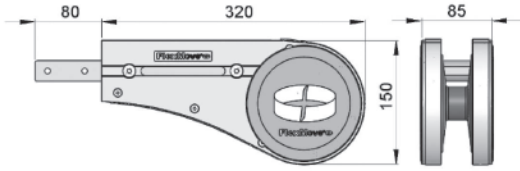
**UOM: pc**

Chain required 1-way: 0.7 meter
Slide rail required 1-way: 0.7 meter

*SEW gear motors are products of SEW Eurodrive*

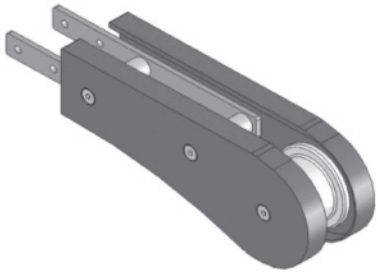
## FM Idler End 85 — FMIE-A85

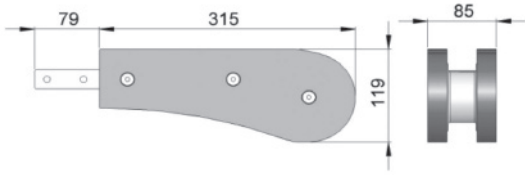





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

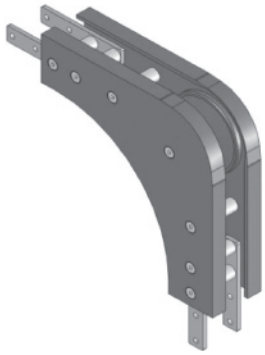
## FM Idler End-3a15 — FMIE-315

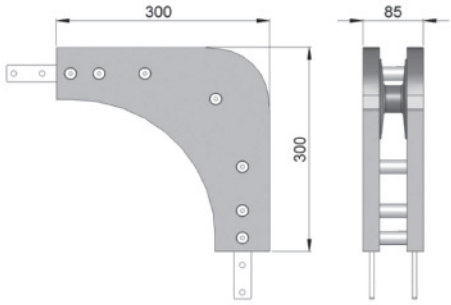





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 0

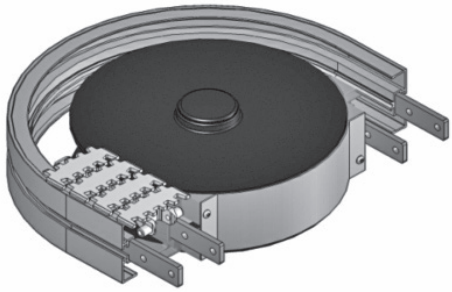
## FM Idler Bend — FMIB-300

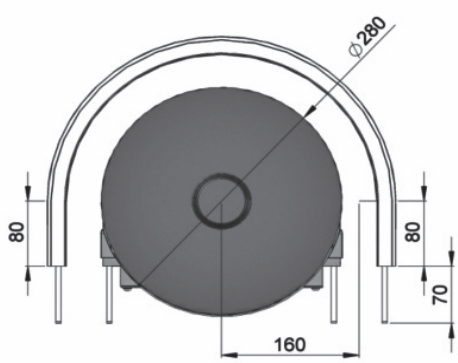





**UOM: pc**
Chain required 1-way: 0.6 meter
Slide rail: 0 meter
**Note:** Cannot be used with return chain

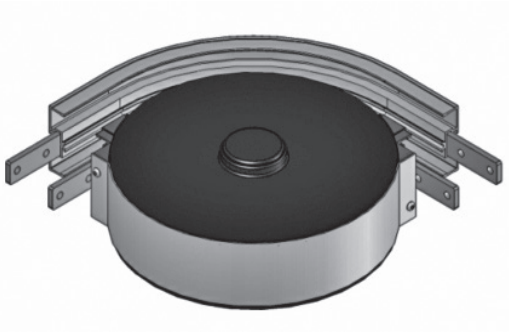
## FM Wheel Bend 180° — FMWB-180R160A

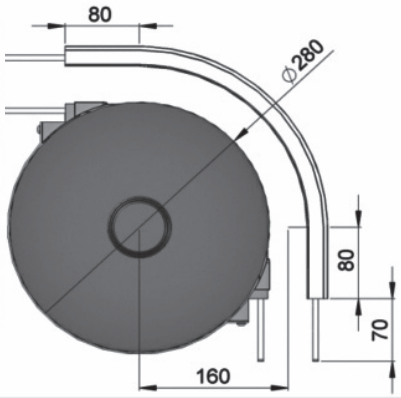





**UOM: pc**
Chain required 2-way: 1.3 meter
Slide rail required 2-way: 1.3 meter

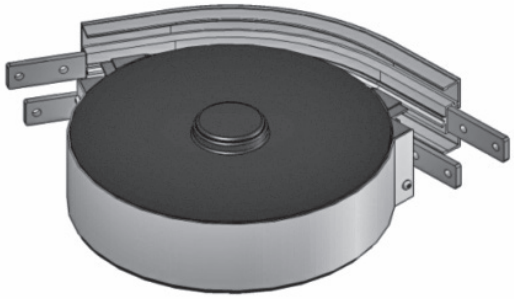
## FM Wheel Bend 90° FMWB-90R160A

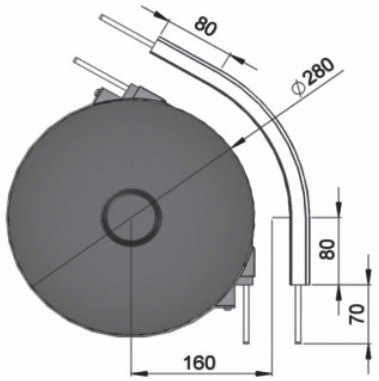





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.8 meter

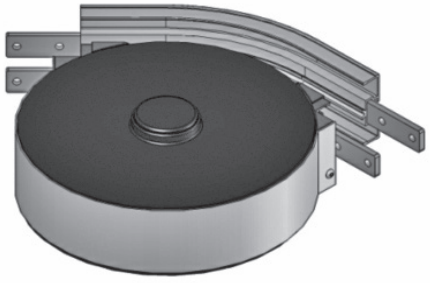
## FM Wheel Bend 60° FMWB-60R160A

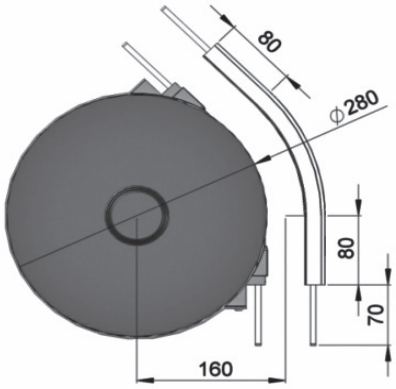





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 0.7 meter

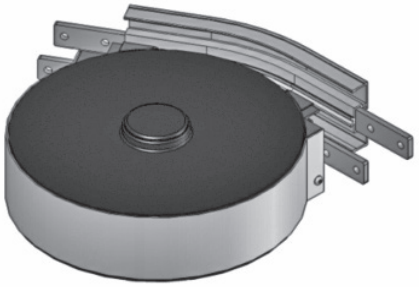
## FM Wheel Bend 45° FMWB-45R160A

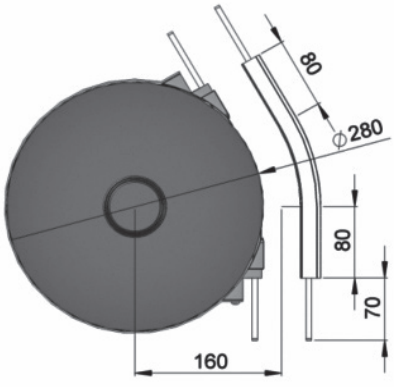





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 0.6 meter

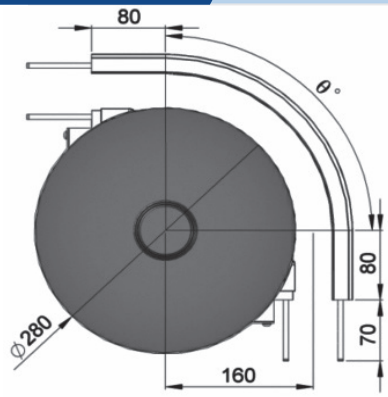
## FM Wheel Bend 30° FMWB-30R160A






**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 0.5 meter

## FM Wheel Bend 5° - 180°




### Example for FM Wheel Bend Ordering

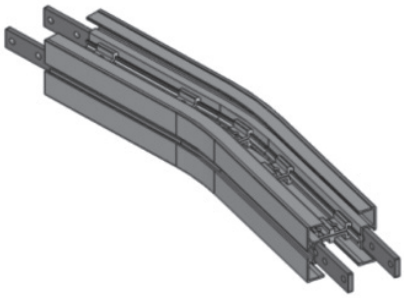
- Wheel bend, Ø° ± 1°
- FMWB-Ø°R160A

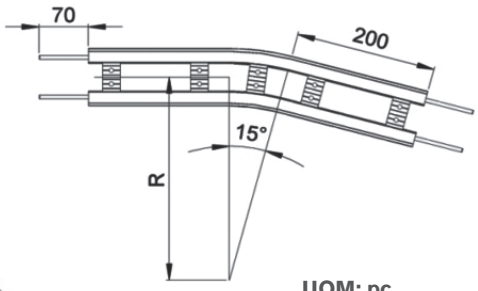
If an angle of 65° is needed for wheel bend, so the ordering part number is

**FMWB-65R160A**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Ø° must be indicated when ordering.*

## FM Horizontal Plain Bend 15°






**Horizontal plain bend, 15° ± 1°**

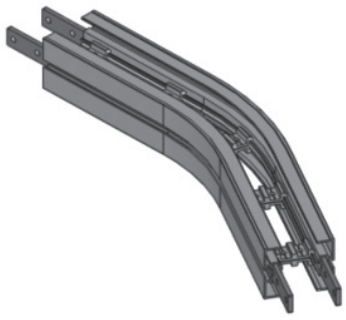
| | |
|---|---|
| R = 300 ± 10mm | **FMHB-15R300** |
| R = 500 ± 10mm | **FMHB-15R500** |
| R = 700 ± 10mm | **FMHB-15R700** |
| R = 1000 ± 10mm | **FMHB-15R1000** |

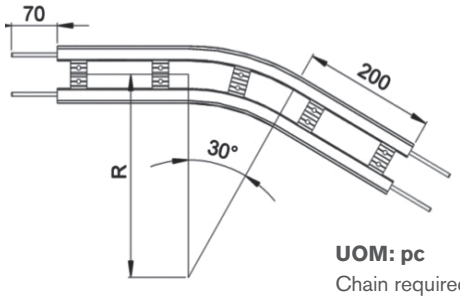
**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.4 meter

Slide rail required 2-way (300, 500, 700, 1000): 2, 2.2, 2.4, 2.8 meter

## FM Horizontal Plain Bend 30°






**Horizontal plain bend, 30° ± 1°**

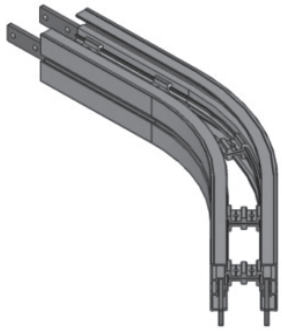
| | |
|---|---|
| R = 300 ± 10mm | **FMHB-30R300** |
| R = 500 ± 10mm | **FMHB-30R500** |
| R = 700 ± 10mm | **FMHB-30R700** |
| R = 1000 ± 10mm | **FMHB-30R1000** |

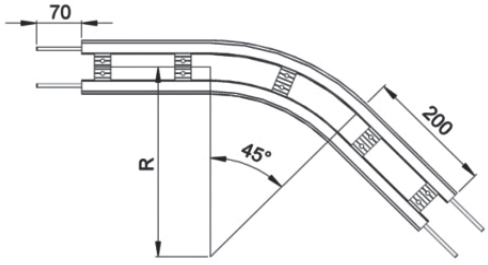
**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.2, 1.4, 1.6, 1.9 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.4, 2.8, 3.2, 3.8 meter

## FM Horizontal Plain Bend 45°






**Horizontal plain bend, 45° ± 1°**

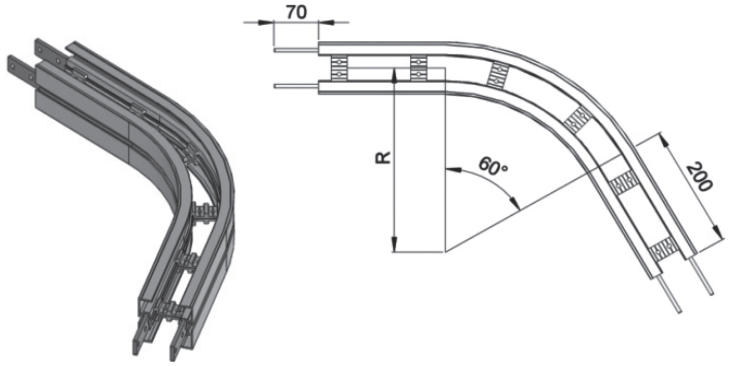
| | |
|---|---|
| R = 300 ± 10mm | **FMHB-45R300** |
| R = 500 ± 10mm | **FMHB-45R500** |
| R = 700 ± 10mm | **FMHB-45R700** |
| R = 1000 ± 10mm | **FMHB-45R1000** |

**UOM: pc**

Chain required 2-way (300, 500, 700, 1000): 1.3, 1.6, 1.9, 2.4 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.5, 2.9, 3.3, 3.9 meter

## FM Horizontal Plain Bend 60°

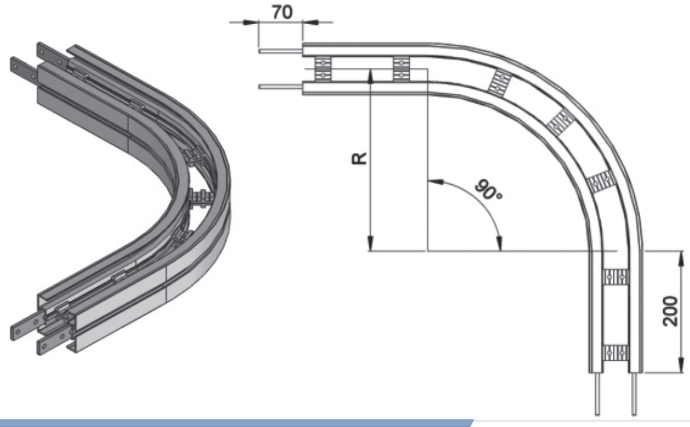



**Horizontal plain bend, 60° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FMHB-60R300** |
| R = 500 ± 10mm | **FMHB-60R500** |
| R = 700 ± 10mm | **FMHB-60R700** |
| R = 1000 ± 10mm | **FMHB-60R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 1.5, 1.9, 2.3, 2.9 meter
Slide rail required 2-way (300, 500, 700, 1000): 2.9, 3.7, 4.6, 5.8 meter

## FM Horizontal Plain Bend 90°

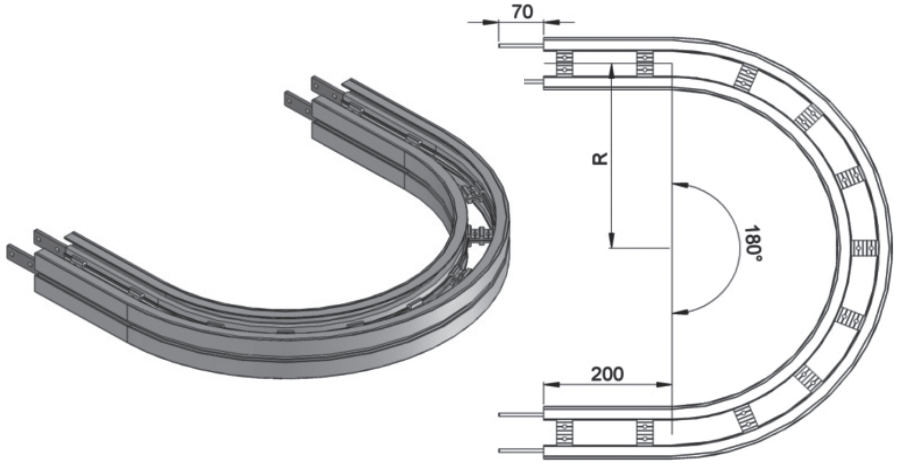



**Horizontal plain bend, 90° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FMHB-90R300** |
| R = 500 ± 10mm | **FMHB-90R500** |
| R = 700 ± 10mm | **FMHB-90R700** |
| R = 1000 ± 10mm | **FMHB-90R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 1.8, 2.4, 3.0, 4.0 meter
Slide rail required 2-way (300, 500, 700, 1000): 3.5, 4.8, 6.0, 8.0 meter

## FM Horizontal Plain Bend 180°

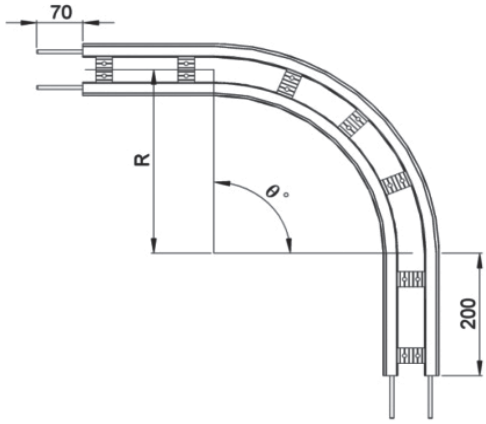



**Horizontal plain bend, 180° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FMHB-180R300** |
| R = 500 ± 10mm | **FMHB-180R500** |
| R = 700 ± 10mm | **FMHB-180R700** |
| R = 1000 ± 10mm | **FMHB-180R1000** |

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): 2.7, 4.0, 5.2, 7.1 meter
Slide rail required 2-way (300, 500, 700, 1000): 5.4, 7.9, 1.1, 14.2 meter

## FM Horizontal Plain Bend 5° - 180°




### Example for FM Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

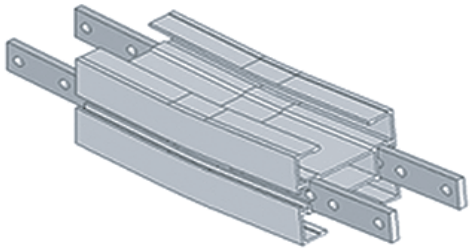
| | |
|---|---|
| R = 300 ± 10mm | **FMHB- Ø°R300** |
| R = 500 ± 10mm | **FMHB- Ø°R500** |
| R = 700 ± 10mm | **FMHB- Ø°R700** |
| R = 1000 ± 10mm | **FMHB- Ø°R1000** |

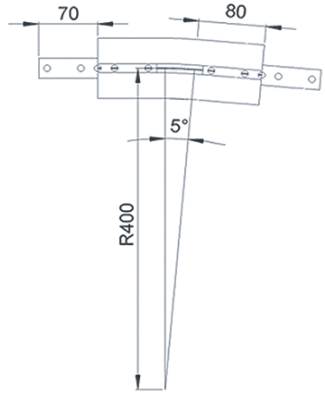
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

**FMHB-120R500**

**UOM: pc**
Chain required 2-way (300, 500, 700, 1000): meter (Variable to angle)
Slide rail required 2-way (300, 500, 700, 1000): meter (Variable to angle)

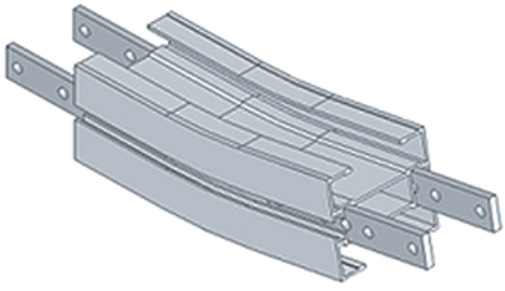
## FM Vertical Bend 5° FMVB-5R400

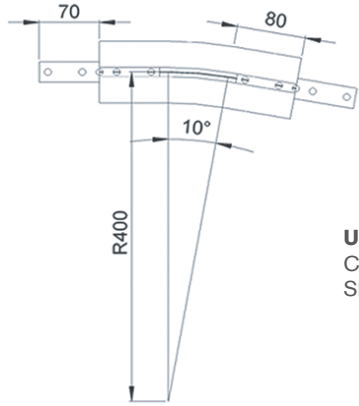





**UOM : pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.8 meter

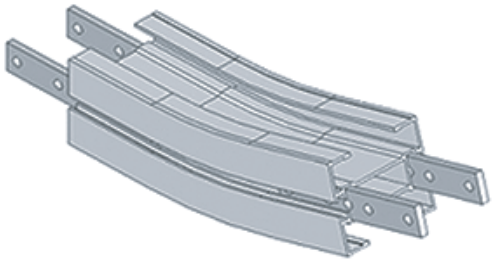
## FM Vertical Bend 10° FMVB-10R400

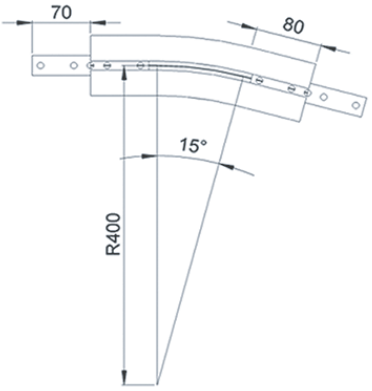





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.1 meter

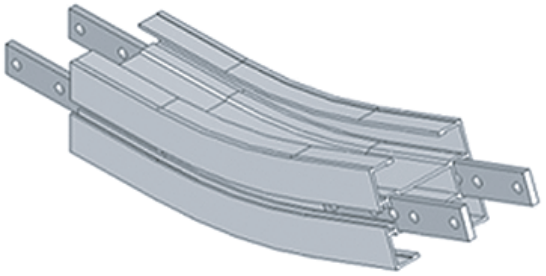
## FM Vertical Bend 15° FMVB-15R400

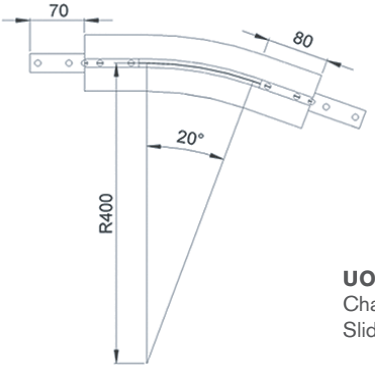





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.1 meter

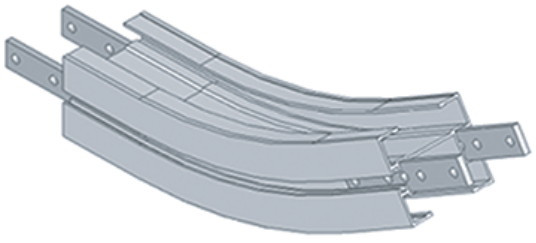
## FM Vertical Bend 20° FMVB-20R400

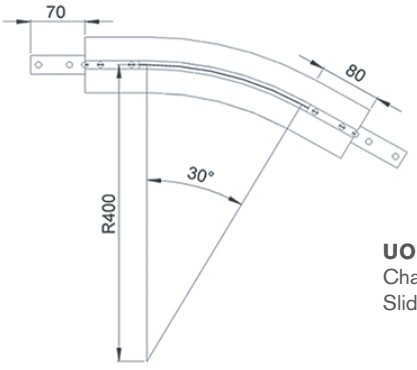





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.2 meter

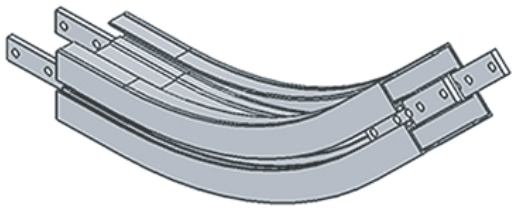
## FM Vertical Bend 30° FMVB-30R400

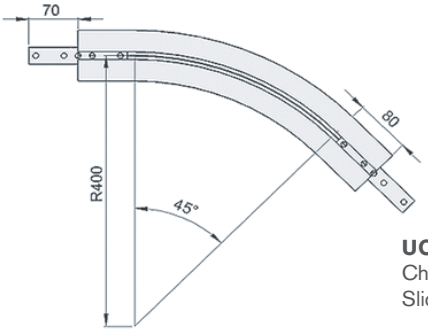





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 1.5 meter

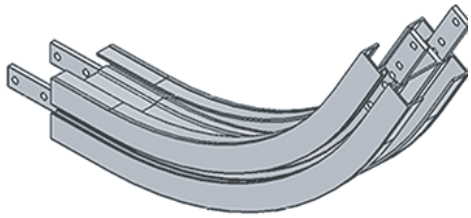
## FM Vertical Bend 45° FMVB-45R400

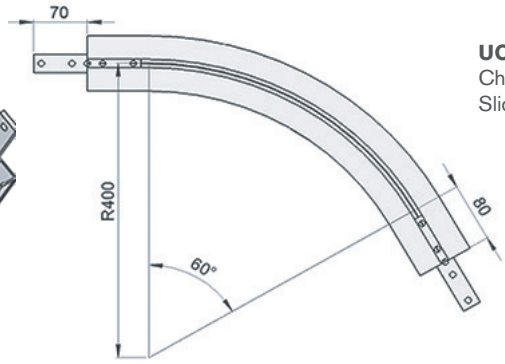





**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 1.9 meter

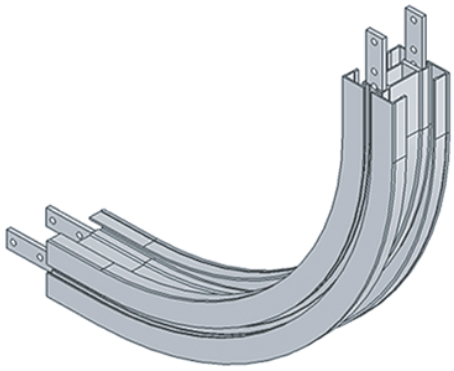
## FM Vertical Bend 60° FMVB-60R400

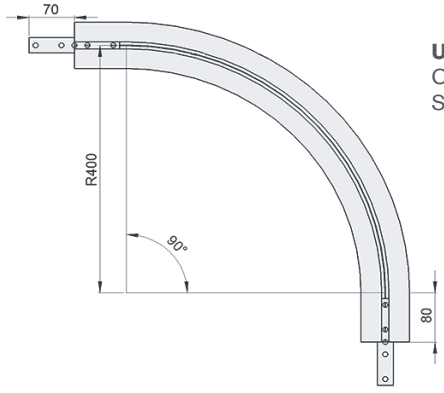





**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 2.3 meter

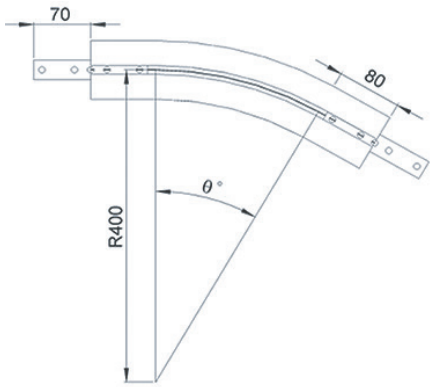
## FM Vertical Bend 90° FMVB-90R400






**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 3.2 meter

## FM Vertical Bend 5° - 90°




**Example for FM Vertical Bend Ordering**

- Vertical bend, Ø° ± 1°
- FMVB-Ø°R400

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FMVB-65R400**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of "Ø°" must be indicated when ordering.*

Variety of chain type suitable for wide range of applications either horizontal or vertically product transportation. Capacity higher than FK, FS, FM. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FC Series Characteristic

**Beam Width:** 105mm

**Product Width**: Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 OR FASR-25U

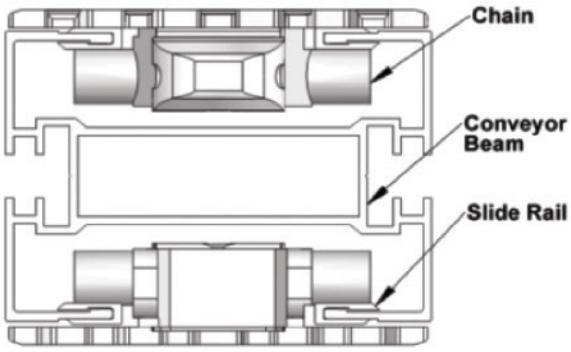
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE OR UHMW-PE

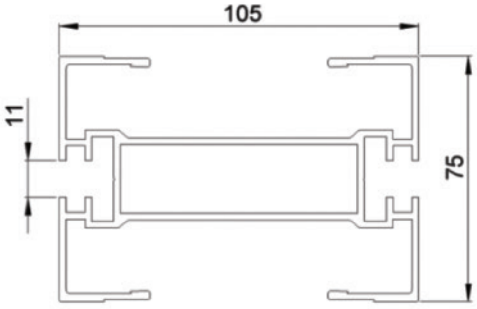
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

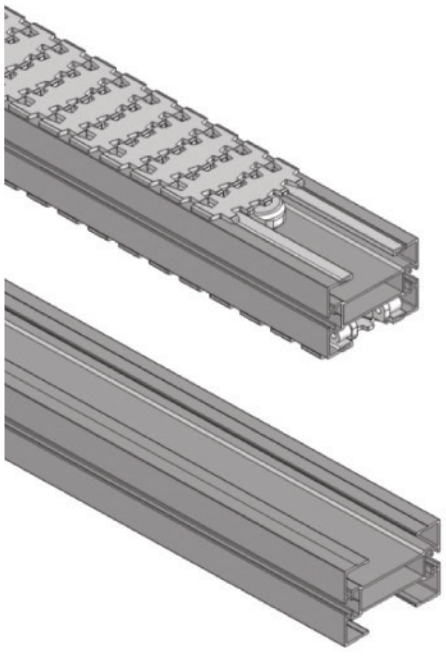
**Connecting Strip:** FACS-25x140A



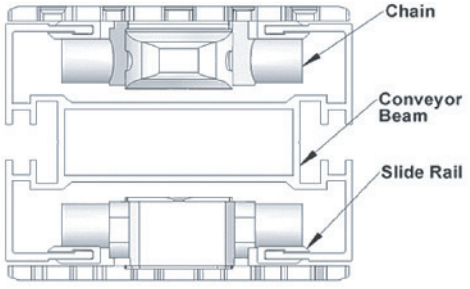

## Conveyor Beam FCCB-3



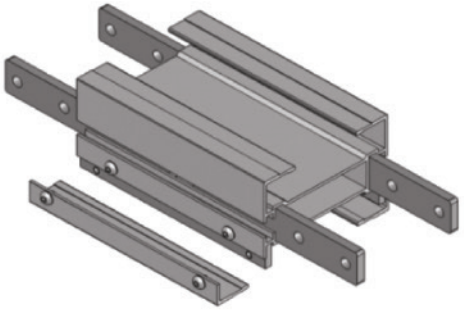

**UOM : 3 Meter / Length**



## Chain Connecting Module FCCC-160




**UOM: pc**



## Chain Common Data

**Packaging:** 5m per box

**Pitch:** 35.5mm

**Width:** 103mm

Tensile Strength at 20°C: 6000N

**Colour:** White & Black (Conductive)

## Material :-

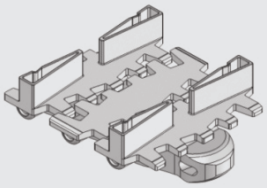
**Chain:** White Acetal / POM

**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

**Insert (Wedge & Friction):** TPE Grey

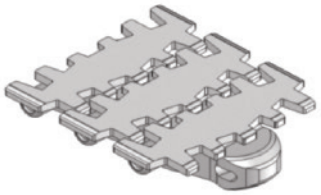
**Example for FCCT-5A17-L#**
# = 1 cleated top chain with alternate of # link of plain chain

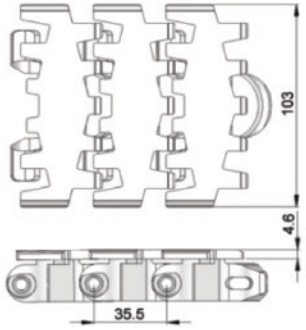


The above chain is FCCT-5A17-L1, 1 link cleated top chain with alternate of 1 link of plain chain.

**Note: # = 1, 2, 3, 4, 5…..20**

## Standard Plain Chain **FCPC-5**

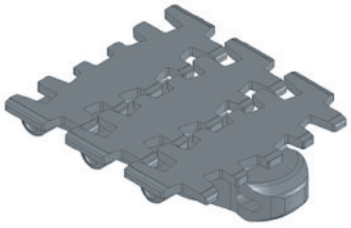


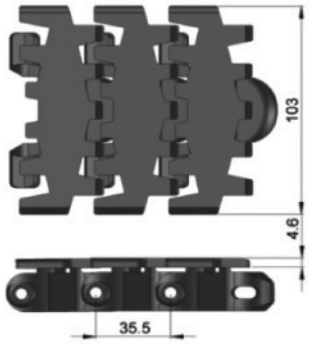



**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

## Conductive Chain **FCPC-5CD**



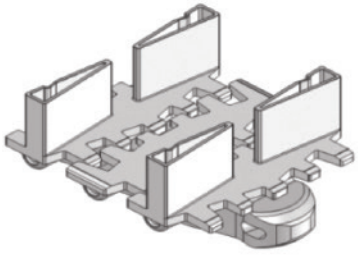


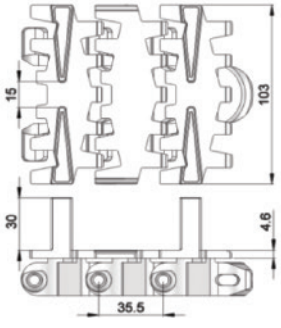

**UOM: 5 Meter / box**

Application: Suitable for transport of static sensitive product.

## Cleat Top Chain **FCCT-5A30-L#**

**# = 1, 2, 3, 4, 5…..20**



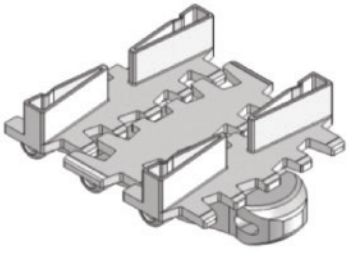


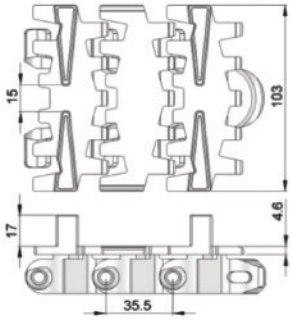

**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

## Cleat Top Chain **FCCT-5A17-L#**

**# = 1, 2, 3, 4, 5…..20**

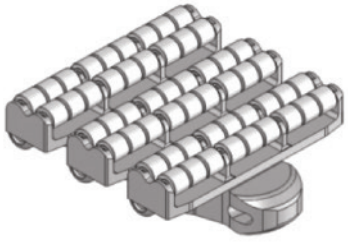


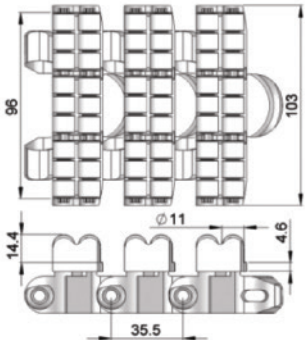



**UOM: 5 Meter / box**

Application: Suitable for vertical transport of product with no accumulation.

## Roller Top Chain **FCRT-5**

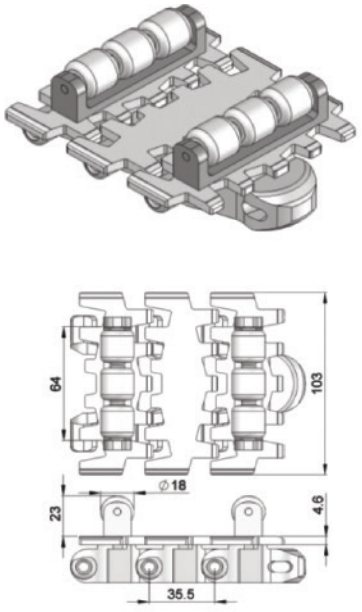





**UOM: 5 Meter / box**

Application: Suitable for accumulation of product with low friction and pressure.

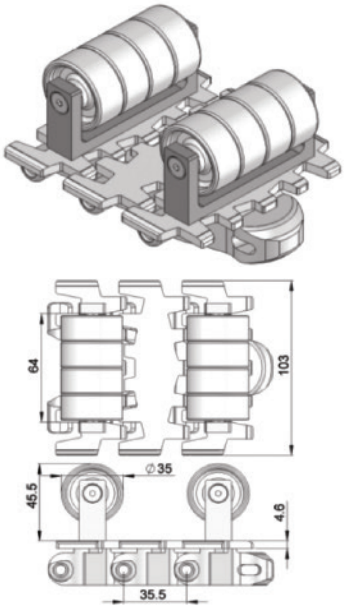
## Roller Cleat Chain **FCRC-5A-L#**




**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

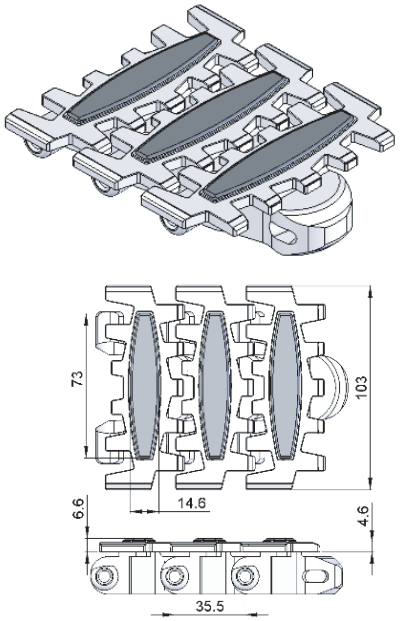
## Roller Cleat Chain **FCRC-5B-L#**




**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

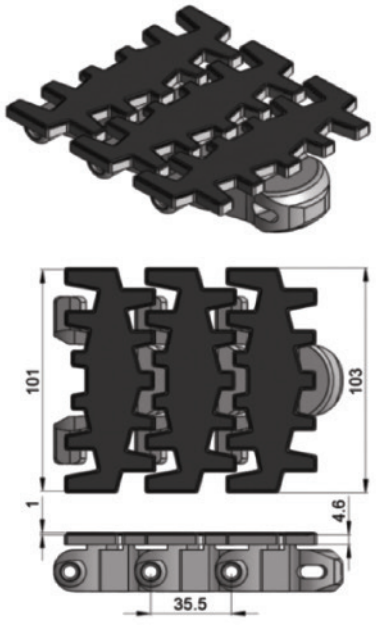
## Friction Top Chain **FCFT-5**




**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5 ° but ≤ 30 ° without accumulation.

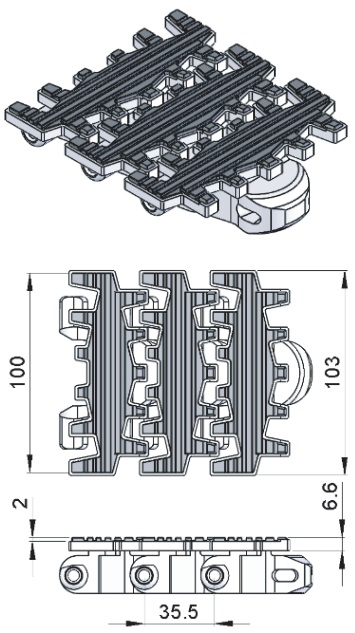
## Friction Top Chain **FCFT-5A**




**UOM: 5 Meter / box**

Application: Suitable for transport product in of slope > 5 ° but ≤ 30 ° without accumulation.

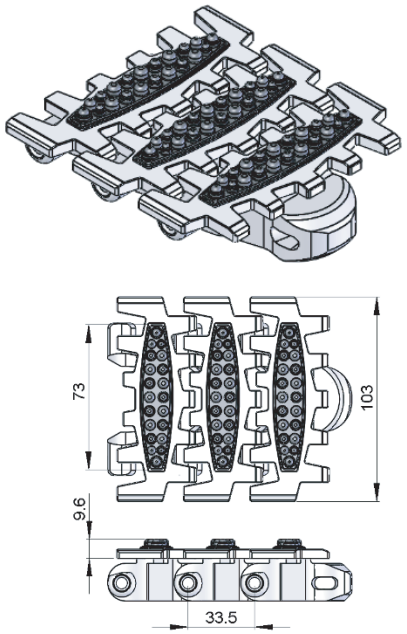
## Friction Top Chain **FCFT-5B**




**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5 ° but ≤ 40 ° without accumulation.

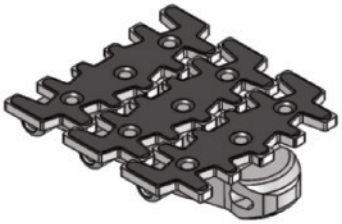
## Friction Top Chain **FCFT-5C**

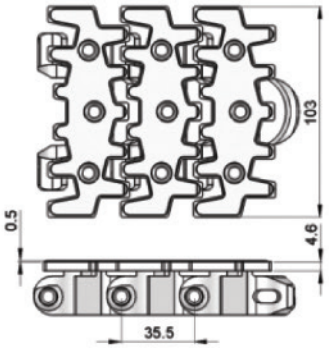



**UOM: 5 Meter / box**

Application: Suitable for transport product in of slope > 5 ° but ≤ 35 ° without accumulation.

## Hardened Steel Top Chain **FCST-5**

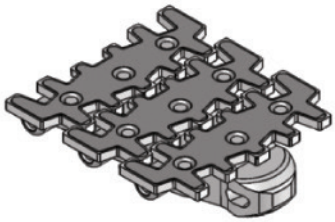


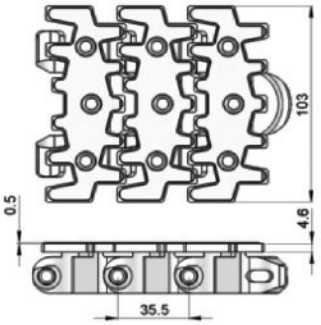



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## S/steel Top Chain **FCST-5S**

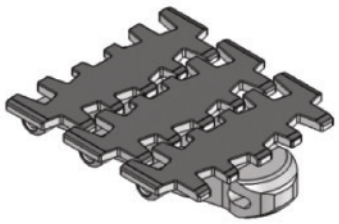


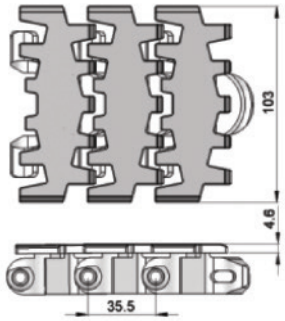



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

## Flocked Chain **FCFK-5**

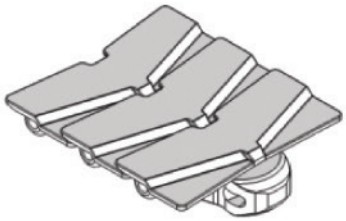


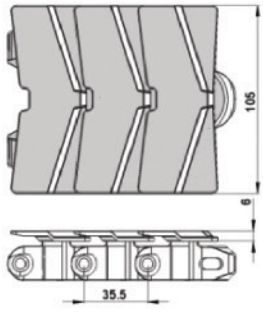



**UOM: 5 Meter / box**

Application: Suitable to transport light weight, fragile and scratch sensitive product.

## Safety Chain **FCPC-5V**



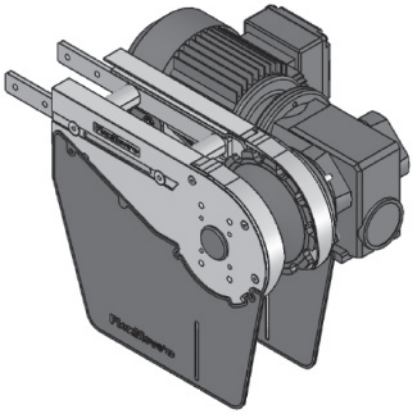



**UOM: 5 Meter / box**

Application: (Safety Chain ) Suitable for horizontal and slope < 5° transport of products with accumulation.

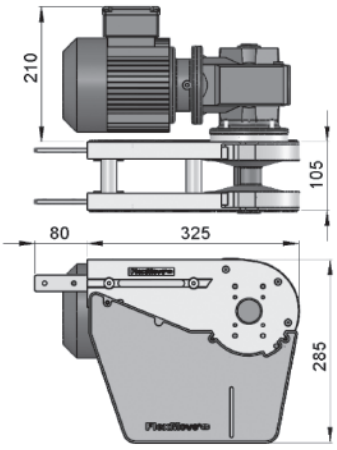
## FC Direct End Drive with Motor (LEFT)

FCDD-A105-0.25L, 0.37L, 0.55L



## FC Direct End Drive without Motor (LEFT)

FCDD-A105-0L




**Max Traction Force : 1250N**

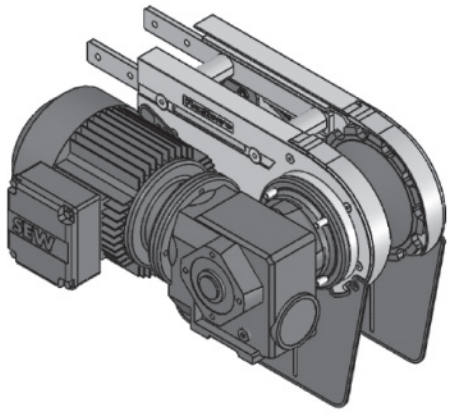
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCDD-A105-0L represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

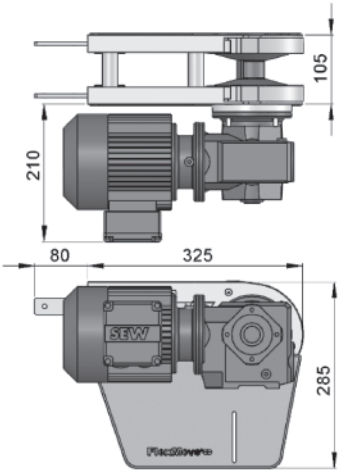
## FC Direct End Drive with Motor (RIGHT)

FCDD-A105-0.25R, 0.37R, 0.55R



## FC Direct End Drive without Motor (RIGHT)

FCDD-A105-0R




**Max Traction Force : 1250N**

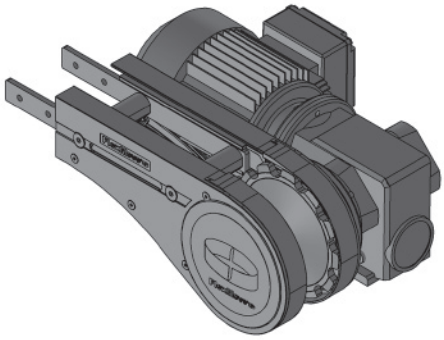
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCDD-A105-0R represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

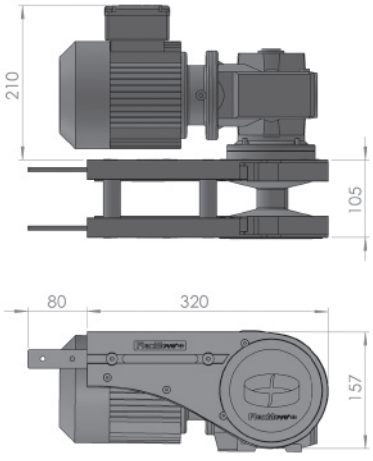
## FC Direct End Drive unit with Motor GP (LEFT)

FCDD-A105GP-0.25L, 0.37L, 0.55L



## FC Direct End Drive unit without Motor GP (LEFT)

FCDD-A105GP-0L




**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCDD-A105GP-0L represents direct drive without gear motor.

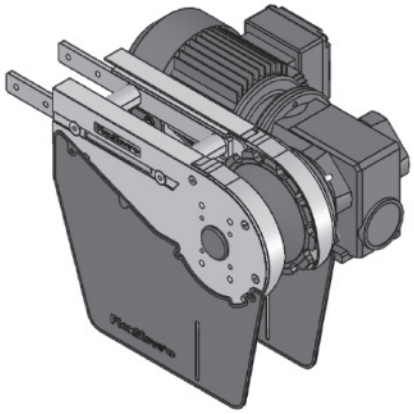
**UOM: pc**

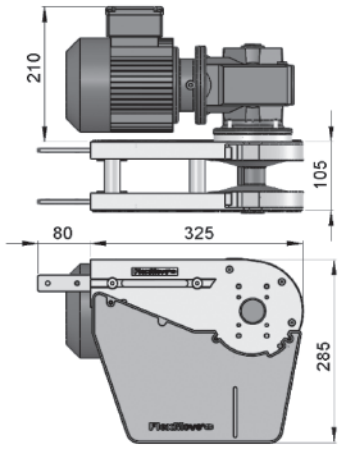
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Direct End Drive unit with Motor GP (RIGHT)

FCDD-A105GP-0.25R, 0.37R, 0.55R






## FC Direct End Drive without Motor (RIGHT)

FCDD-A105GP-0R

**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCDD-A105GP-0R represents direct drive without gear motor.

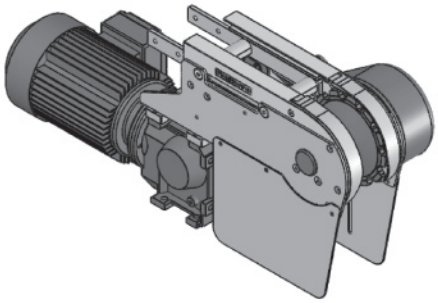
**UOM: pc**

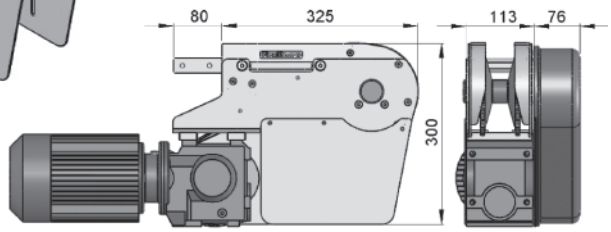
Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

## FC Suspended End Drive with Motor (LEFT)

FCSD-A105-0.25L, 0.37L, 0.55L






## FC Suspended End Drive without Motor (LEFT)

FCSD-A105-0L

**Max Traction Force : 1250N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCSD-A105-0L represents suspended drive without gear motor.

**UOM: pc**

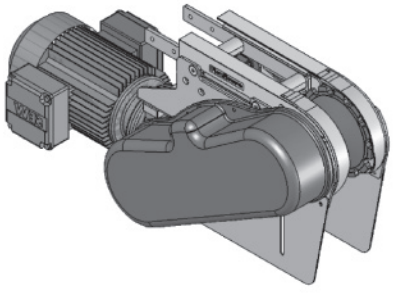
Chain required 2-way : 0.8 meter

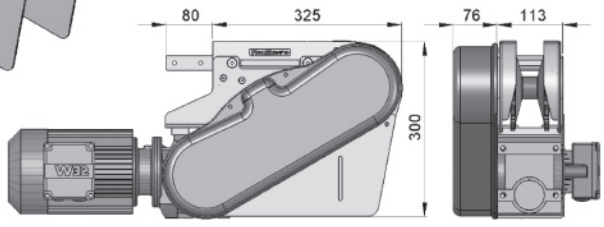
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Suspended End Drive with Motor (RIGHT)

FCSD-A105-0.25R, 0.37R, 0.55R






## FC Suspended End Drive without Motor (RIGHT)

FCSD-A105-0R

**Max Traction Force : 1250N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCSD-A105-0R represents direct drive without gear motor.

**UOM: pc**

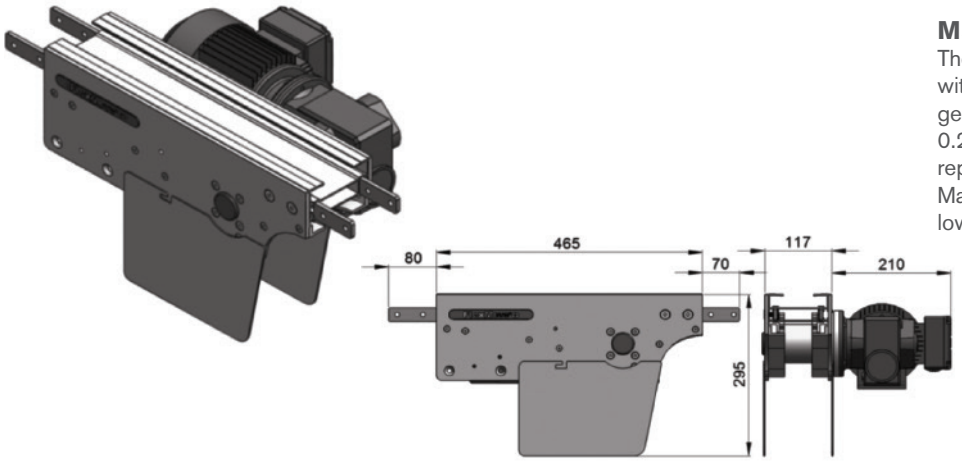
Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Direct Intermediate Drive with Motor (LEFT)

**FCID-DD-0.25R1, 0.37R1, 0.55L1**




## FC Direct Intermediate Drive without Motor (LEFT)

**FCID-DD-0L1**

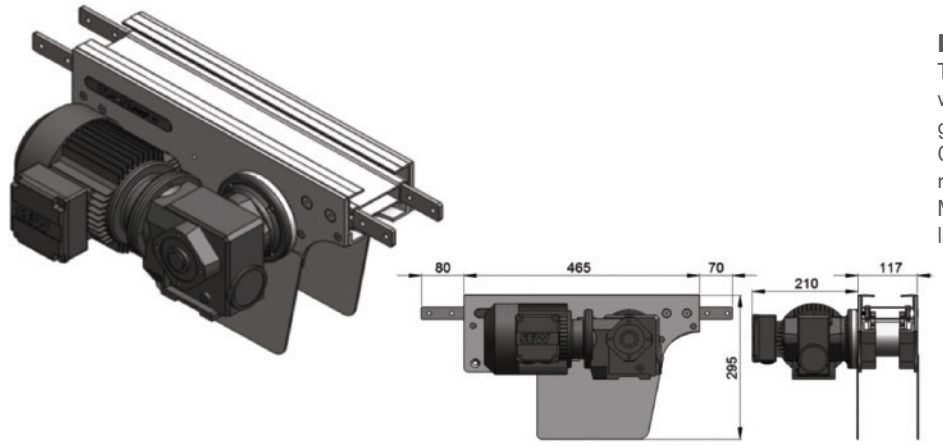
**Max Traction Force : 200N**

The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-DD-0L1 represents direct drive without gear motor. Maximum traction force for FCID-DD is lower than FCDD and FCSD.

**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

## FC Direct Intermediate Drive with Motor (RIGHT)

FCID-DD-0.25R1, 0.37R1, 0.55R1




## FC Direct Intermediate Drive without Motor (RIGHT)

FCID-DD-0R1

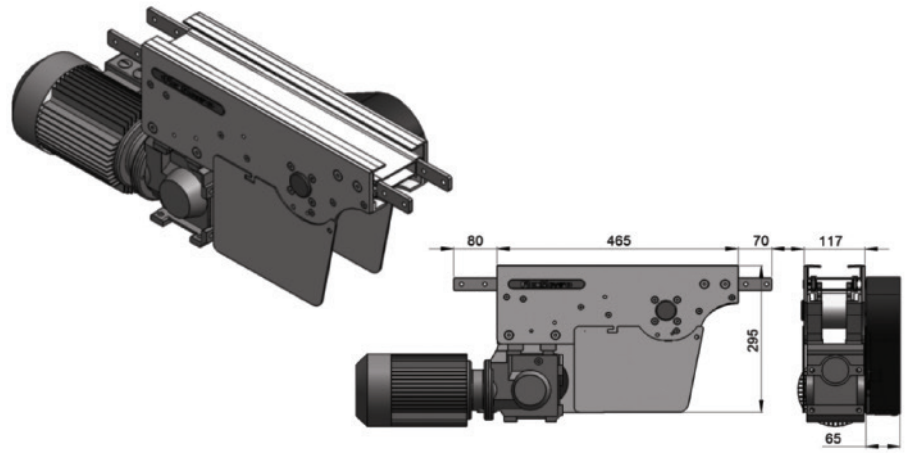
**Max Traction Force : 200N**

The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-DD-0R1 represents direct drive without gear motor. Maximum traction force for FCID-DD is lower than FCDD and FCSD.

**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

## FC Suspended Intermediate Drive with Motor (LEFT)

FCID-SD-0.25L1, 0.37L1, 0.55L1




## FC Suspended Intermediate Drive without Motor (LEFT)

FCID-SD-0L1

**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-SD-0L1 represents suspended drive without gear motor. Maximum traction force for FCID-SD is lower than FCDD and FCSD.

**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

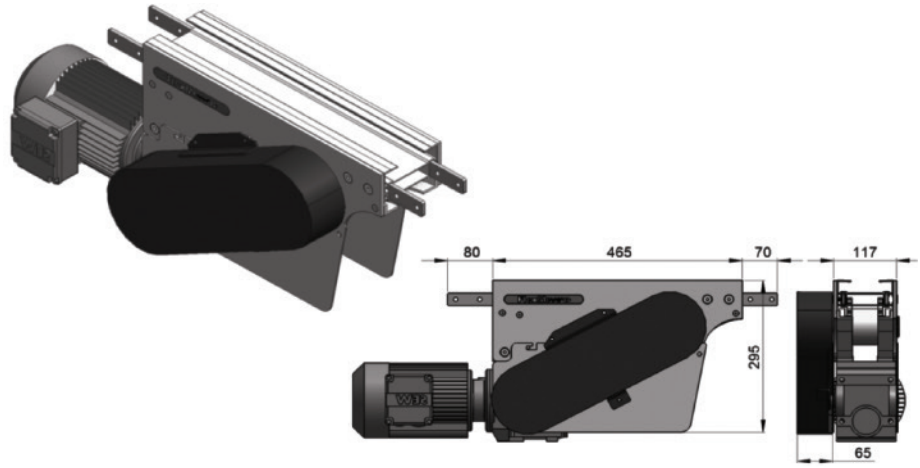
*SEW gear motors are products of SEW Eurodrive*

## FC Suspended Intermediate Drive with Motor (RIGHT)

FCID-SD-0.25R1, 0.37R1, 0.55R1

## FC Suspended Intermediate Drive without Motor (RIGHT)

FCID-SD-0R1




**Max Traction Force : 200N**

The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-SD-0R1 represents suspended drive without gear motor. Maximum traction force for FCID-SD is lower than FCDD and FCSD.

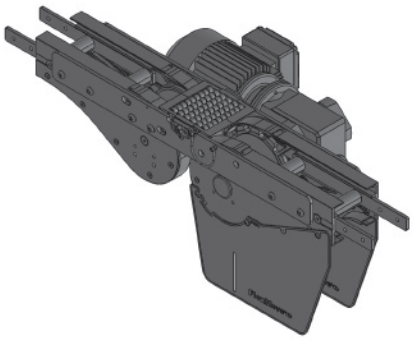
**UOM: pc**

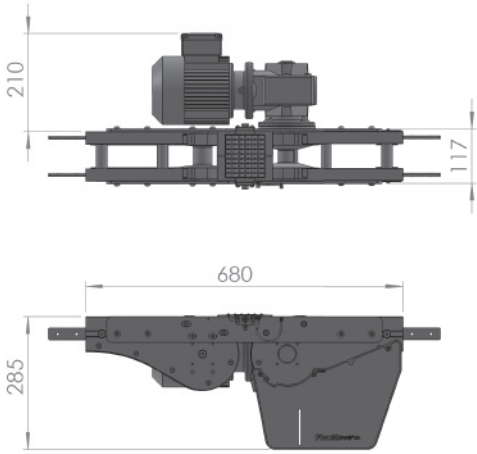
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

## FC Combined Direct Drive & Idler (LEFT)

FCCDI-DD-A105-0.25L, 0.37L, 0.55L

FCCDI-DD-A105-0L






**Max Traction Force : 1250N**

The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCDI-DD-A105-0L represents direct drive without gear motor.

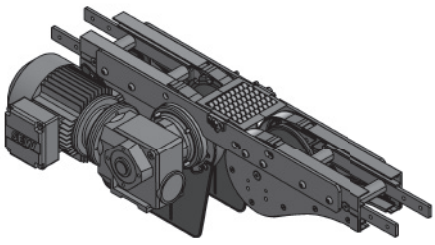
**UOM: pc**

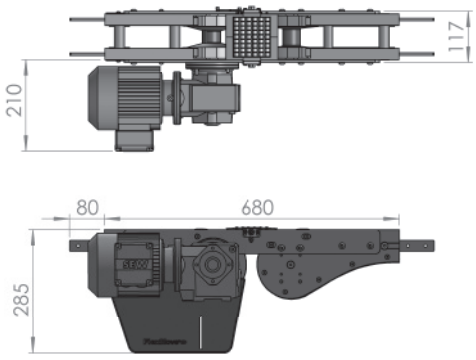
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

## FC Combined Direct Drive & Idler (RIGHT)

FCCDI-DD-A105-0.25R, 0.37R, 0.55R

FCCDI-DD-A105-0R






**Max Traction Force : 1250N**

The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCDI-DD-A105-0R represents direct drive without gear motor.

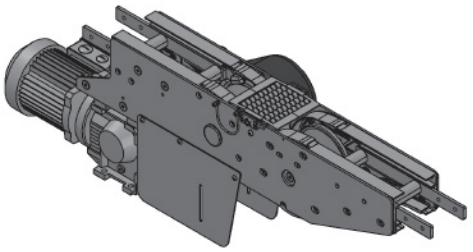
**UOM: pc**

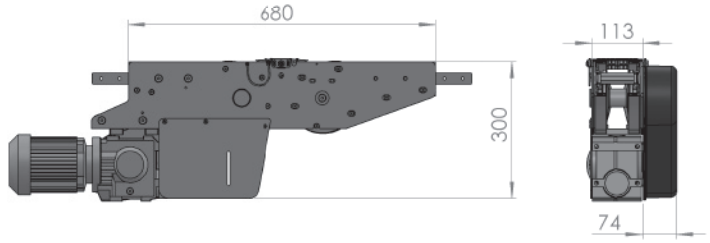
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Combined Suspended Drive & Idler (LEFT)

FCCDI-SD-A105-0.25L, 0.37L, 0.55L | FCCDI-SD-A105-0L



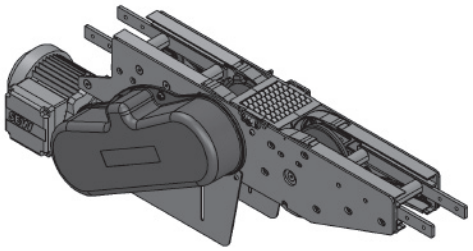


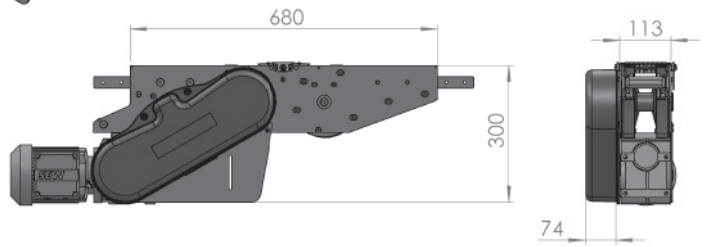

**Max Traction Force : 1250N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCDI-DD-A105-0L represents suspended drive without gear motor.

**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

## FC Combined Suspended Drive & Idler (RIGHT)

FCCDI-SD-A105-0.25R, 0.37R, 0.55R | FCCDI-SD-A105-0R



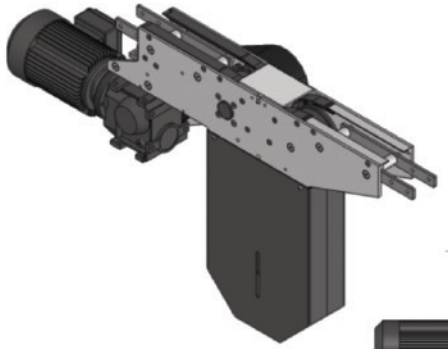


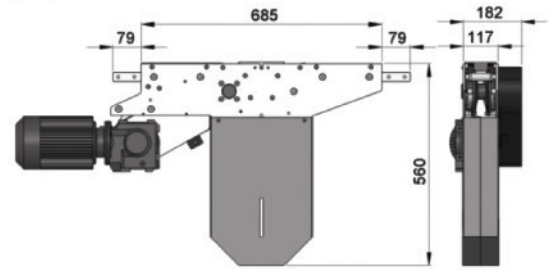

**Max Traction Force : 1250N**
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCDI-DD-A105-0R represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

## FC Suspended Catenary Drive with Motor (LEFT) | FC Suspended Catenary Drive without Motor (LEFT)

FCCD-SD-0.25L, 0.37L, 0.55L | FCCD-SD-0L






**Max Traction Force : 1250N**
The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCD-SD-0L represents suspended drive without gear motor.

**UOM: pc**
Chain required 1-way : 1.4 meter
Slide rail required 1-way: 1.0 meter

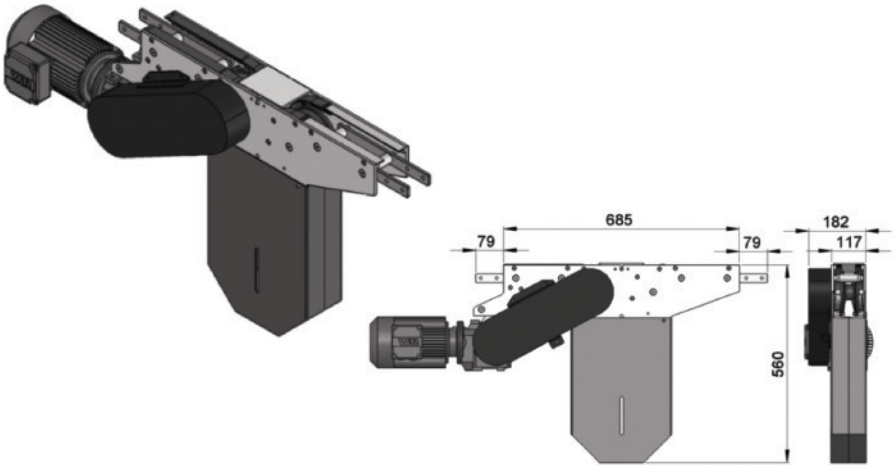
*SEW gear motors are products of SEW Eurodrive*

## FC Suspended Catenary Drive with Motor (RIGHT)

FCCD-SD-0.25R, 0.37R, 0.55R

## FC Suspended Catenary Drive without Motor (RIGHT)

FCCD-SD-0R




**Max Traction Force : 1250N**

The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCD-SD-0R represents suspended drive without gear motor.

**UOM: pc**

Chain required 1-way : 1.4 meter

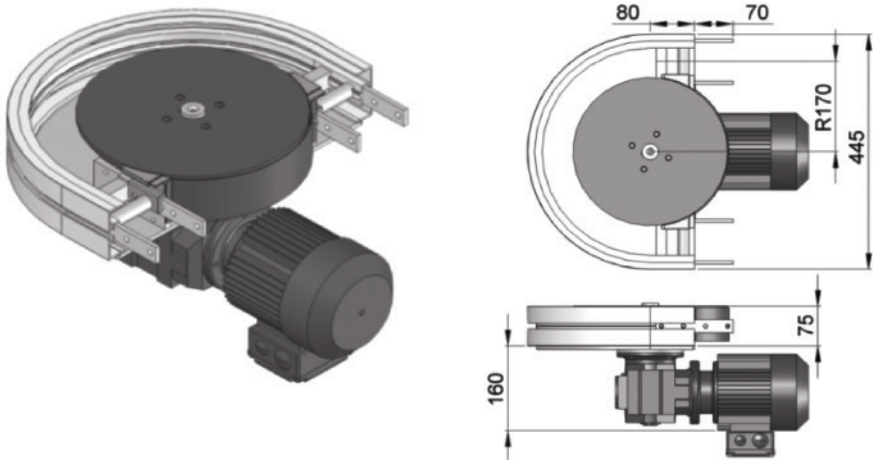
Slide rail required 1-way: 1.0 meter

## FC Direct Wheel Drive with Motor

FCWD-0.25, 0.37, 0.55

## FC Direct Wheel Drive without Motor

FCWD-DD-0M




**Max Traction Force : 200N**

The Direct Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCWD-DD-0M represents wheel drive without gear motor. Maximum traction force for FCWD-DD is lower than FCDD and FCSD.

**UOM: pc**

Chain required 1-way : 0.7 meter

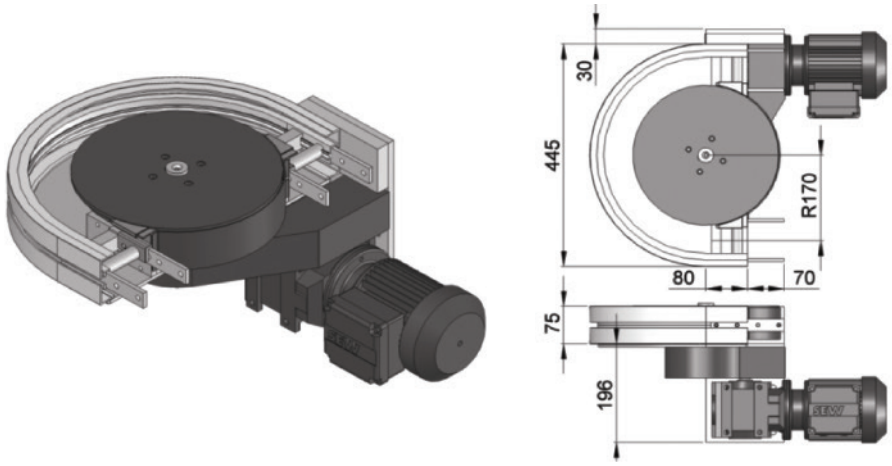
Slide rail required 1-way: 0.7 meter

## FC Suspended Wheel Drive with Motor

FCWD-SD-0.25, 0.37, 0.55

## FC Suspended Wheel Drive without Motor

FCWD-SD-0M




**Max Traction Force : 200N**

The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCWD-SD-0M represents wheel drive without motor. Maximum traction force for FCWD-SD is lower than FCDD and FCSD.

**UOM: pc**

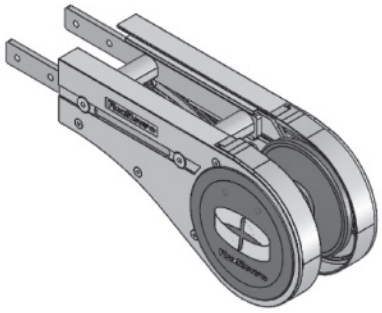
Chain required 1-way : 0.7 meter

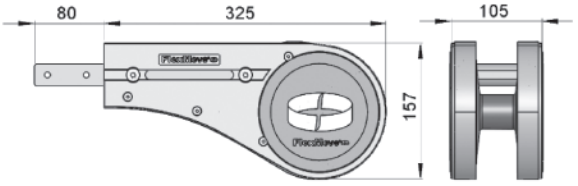
Slide rail required 1-way: 0.7 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Idler End-105

FCIE-A105

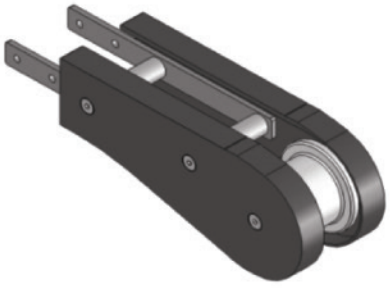


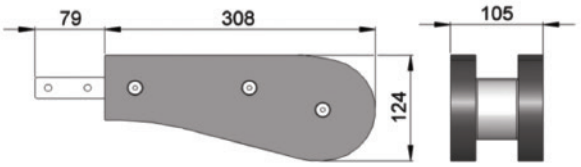



**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

## FC Idler End-308

FCIE-308

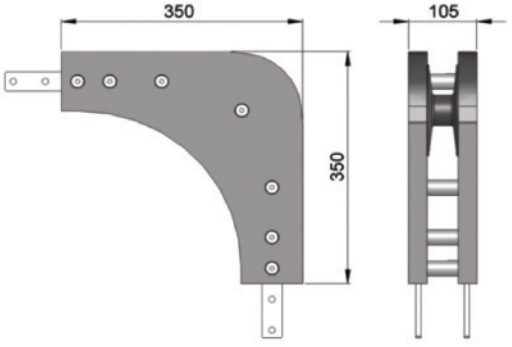





**UOM: pc**
Chain required 2-way : 0.7 meter
Slide rail required 2-way: 0

## FC Idler Bend

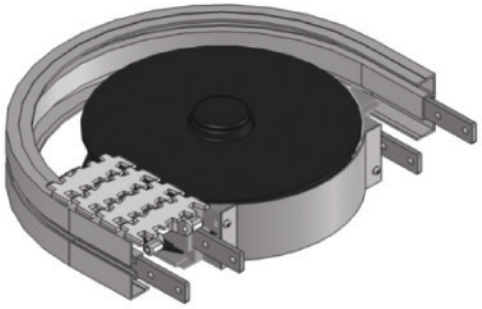
FCIB-350

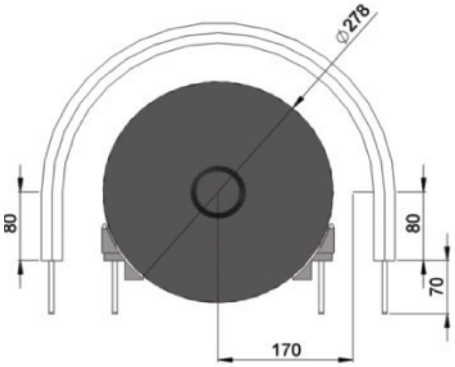



**UOM: pc**
Chain required 1-way : 0.6 meter
Slide rail: 0 meter
**Note:** Cannot be used with return chain

## FC Wheel Bend 180°

FCWB-180R170A

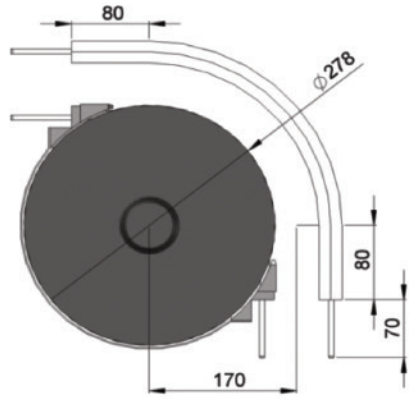





**UOM: pc**
Chain required 2-way : 1.4 meter
Slide rail required 2-way: 1.4 meter

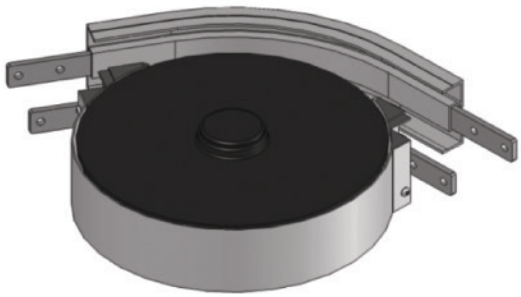
*SEW gear motors are products of SEW Eurodrive*

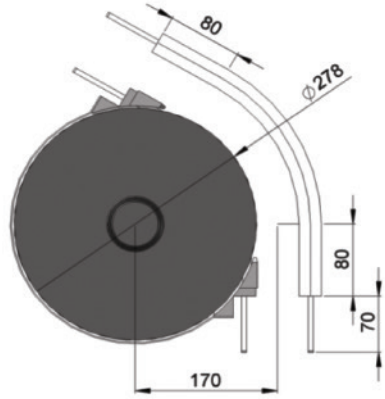
## FC Wheel Bend 90° FCWB-90R170A




**UOM: pc**
Chain required 2-way : 0.9 meter
Slide rail required 2-way: 0.9 meter

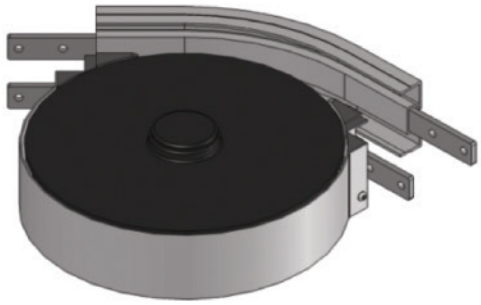
## FC Wheel Bend 60° FCWB-60R170A

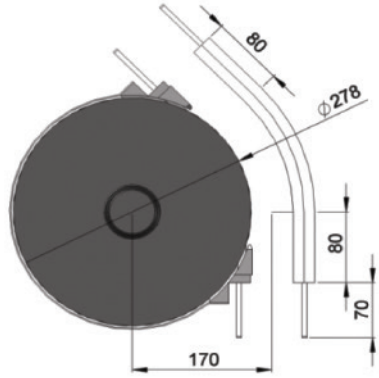





**UOM: pc**
Chain required 2-way : 0.7 meter
Slide rail required 2-way: 0.7 meter

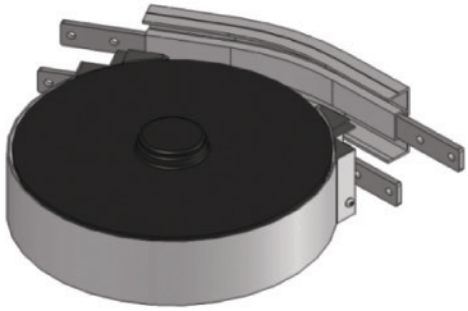
## FC Wheel Bend 45° FCWB-45R170A

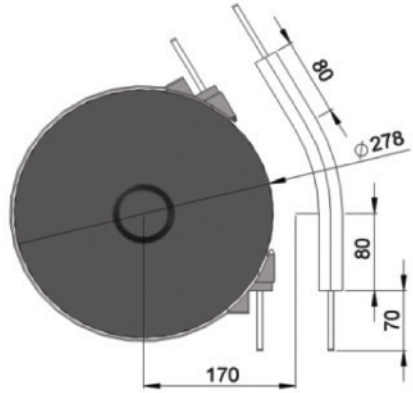





**UOM: pc**
Chain required 2-way : 0.6 meter
Slide rail required 2-way: 0.6 meter

## FC Wheel Bend 30° FCWB-30R170A

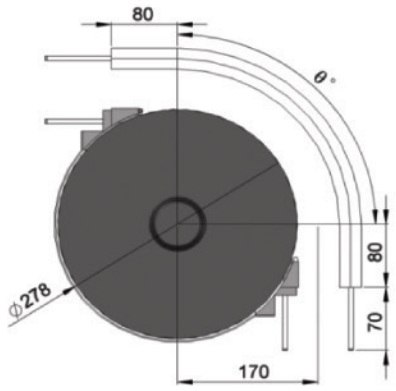





**UOM: pc**
Chain required 2-way : 0.5 meter
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FC Wheel Bend 5° - 180°




**Example for FC Wheel Bend Ordering**

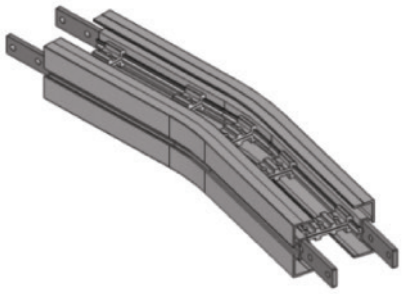
- Wheel bend, Ø° ± 1°
- FCWB-Ø°R170A

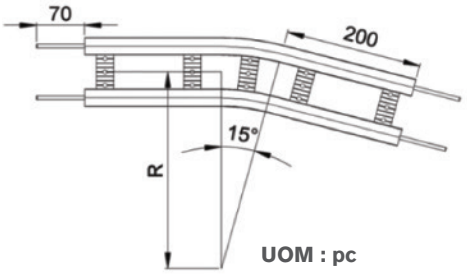
If an angle of 65° is needed for wheel bend, so the ordering part number is

**FCWB-65R170A**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Ø° must be indicated when ordering.*

## FC Horizontal Plain Bend 15°





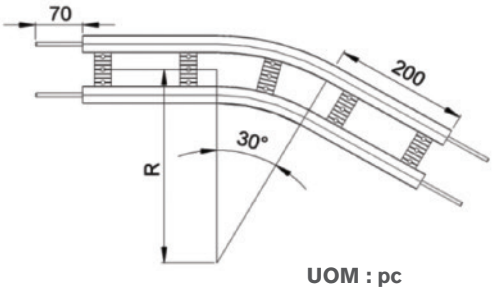

**Horizontal plain bend, 15° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FCHB-15R300** |
| R = 500 ± 10mm | **FCHB-15R500** |
| R = 700 ± 10mm | **FCHB-15R700** |
| R = 1000 ± 10mm | **FCHB-15R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.3 meter
Slide rail required 2-way (300, 500, 700, 1000): 1.9, 2.1, 2.3, 2.6 meter

## FC Horizontal Plain Bend 30°



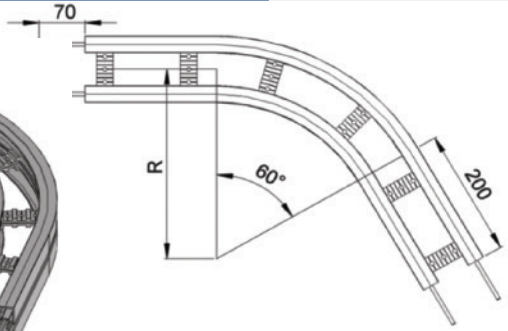

**Horizontal plain bend, 30° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FCHB-30R300** |
| R = 500 ± 10mm | **FCHB-30R500** |
| R = 700 ± 10mm | **FCHB-30R700** |
| R = 1000 ± 10mm | **FCHB-30R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.1, 1.3, 1.5, 1.8 meter
Slide rail required 2-way (300, 500, 700, 1000): 2.2, 2.6, 3.1, 3.7 meter

## FC Horizontal Plain Bend 60°



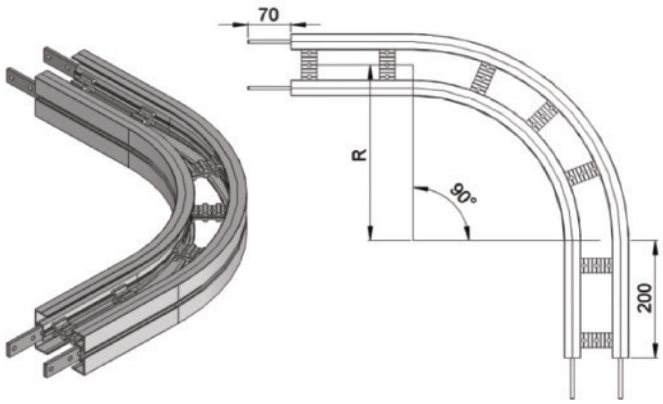

**Horizontal plain bend, 60° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FMHB-60R300** |
| R = 500 ± 10mm | **FMHB-60R500** |
| R = 700 ± 10mm | **FMHB-60R700** |
| R = 1000 ± 10mm | **FMHB-60R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.4, 1.8, 2.3, 2.9 meter
Slide rail required 2-way (300, 500, 700, 1000): 2.9, 3.7, 4.5, 5.8 meter

## FC Horizontal Plain Bend 90°



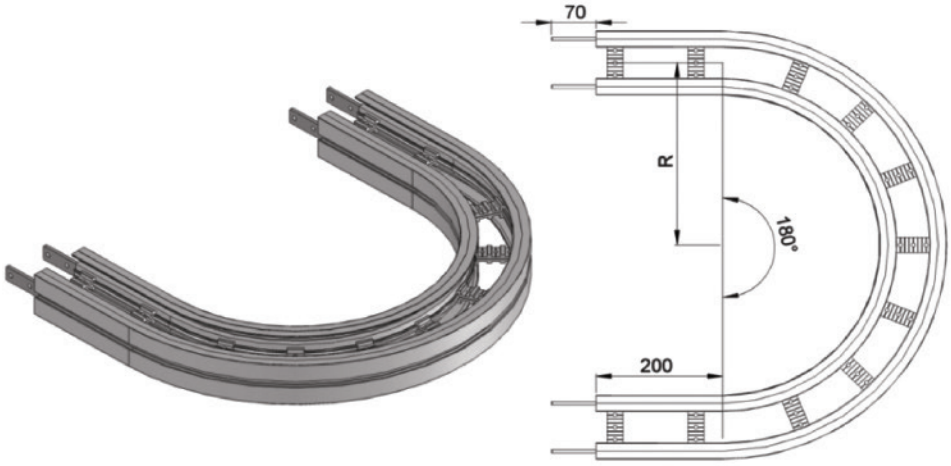

**Horizontal plain bend, 90° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FCHB-90R300** |
| R = 500 ± 10mm | **FCHB-90R500** |
| R = 700 ± 10mm | **FCHB-90R700** |
| R = 1000 ± 10mm | **FCHB-90R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.7, 2.4, 3.0, 3.9 meter
Slide rail required 2-way (300, 500, 700, 1000): 3.5, 4.7, 6.0, 7.9 meter

## FC Horizontal Plain Bend 180°



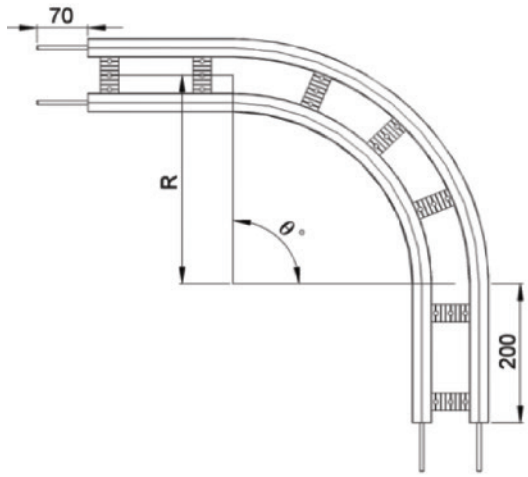

**Horizontal plain bend, 180° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FCHB-180R300** |
| R = 500 ± 10mm | **FCHB-180R500** |
| R = 700 ± 10mm | **FCHB-180R700** |
| R = 1000 ± 10mm | **FCHB-180R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000) : 2.7, 4.0, 5.2, 7.1 meter
Slide rail required 2-way(300, 500, 700, 1000): 5.4, 7.9, 1.1, 14.2 meter

## FC Horizontal Plain Bend 5° - 180°




### Example for FC Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

| | |
|---|---|
| R = 300 ± 10mm | **FCHB- Ø°R300** |
| R = 500 ± 10mm | **FCHB- Ø°R500** |
| R = 700 ± 10mm | **FCHB- Ø°R700** |
| R = 1000 ± 10mm | **FCHB- Ø°R1000** |

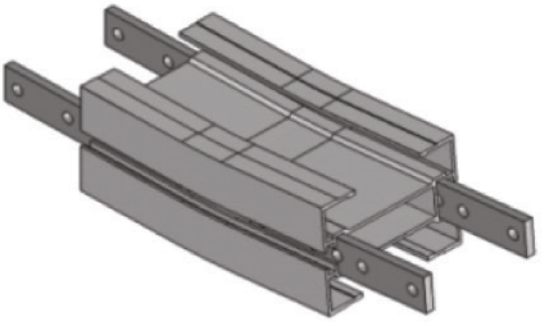
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

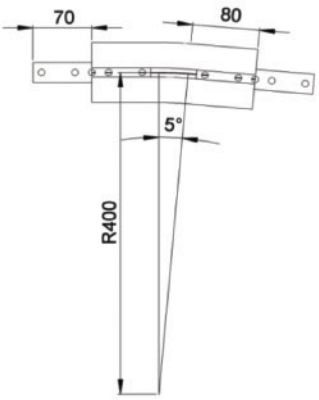
**FCHB-120R500**

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000) : meter (variable to angle)
Slide rail required 2-way(300, 500, 700, 1000): meter (variable to angle)

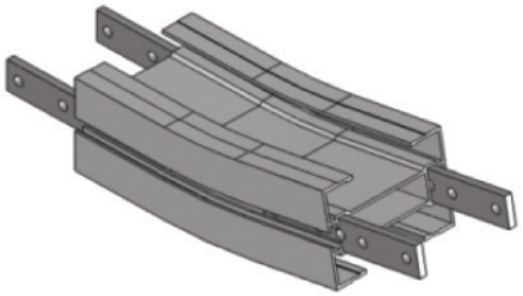
## FC Vertical Bend 5° FCVB-5R400

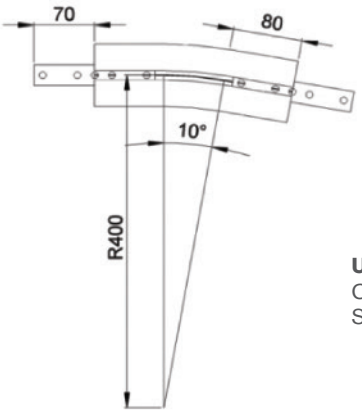





**UOM : pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.8 meter

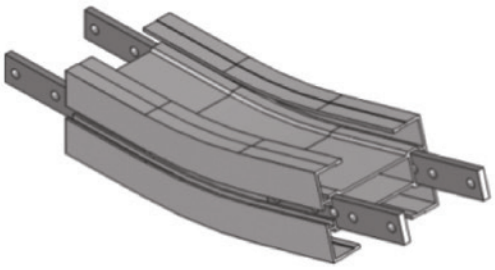
## FC Vertical Bend 10° FCVB-10R400

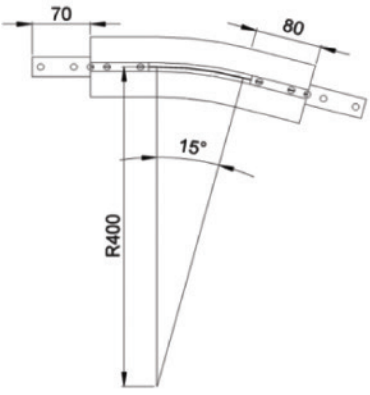





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 0.9 meter

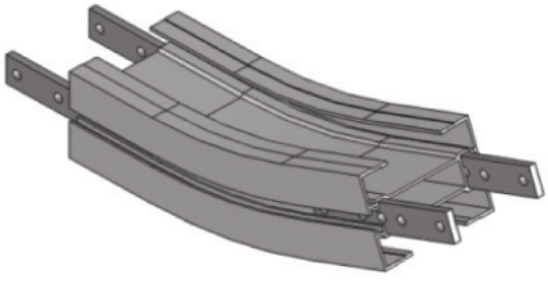
## FC Vertical Bend 15° FCVB-15R400

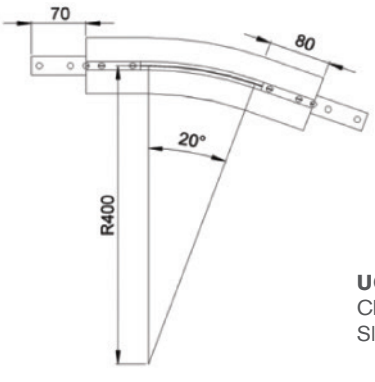





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.1 meter

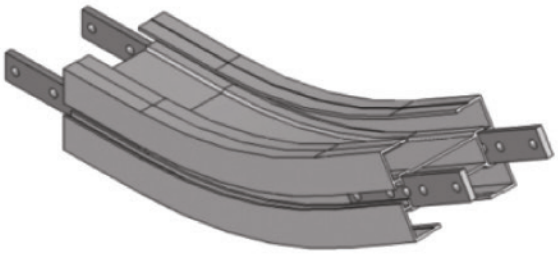
## FC Vertical Bend 20° FCVB-20R400

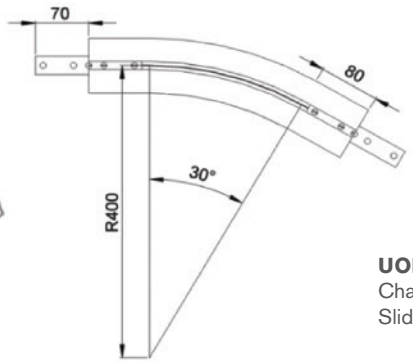





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.2 meter

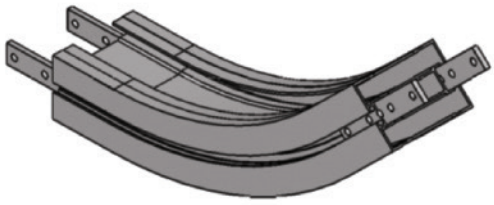
## FC Vertical Bend 30° FMVB-30R400

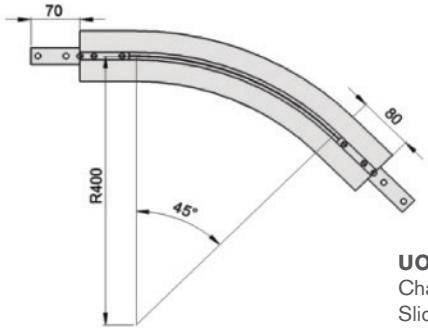





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 1.5 meter

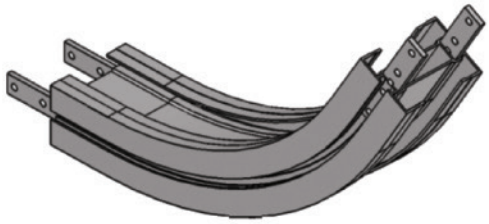
## FC Vertical Bend 45° FCVB-45R400

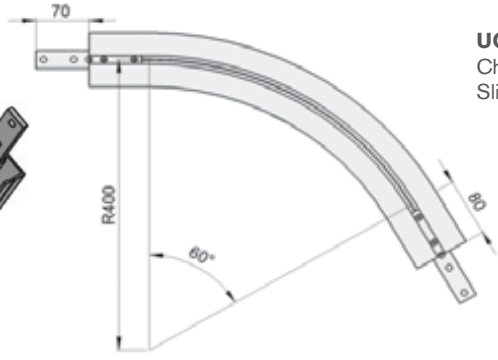





**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 1.9 meter

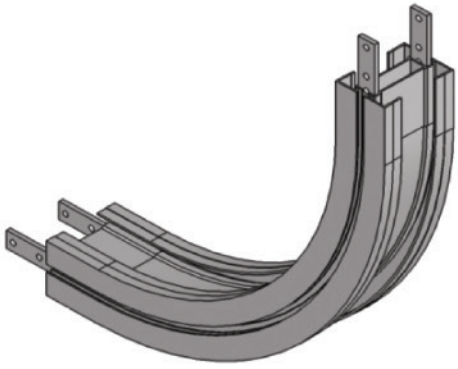
## FC Vertical Bend 60° FCVB-60R400

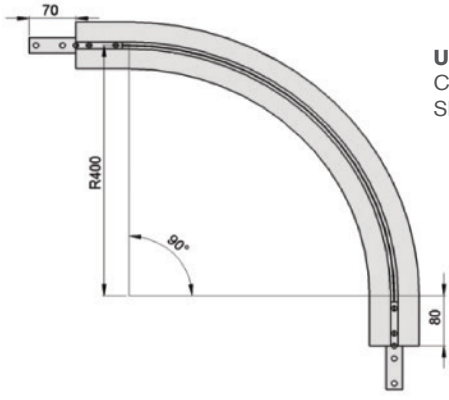





**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 2.3 meter

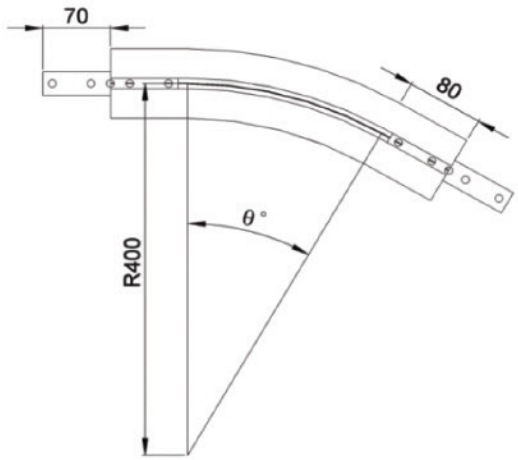
## FC Vertical Bend 90° FCVB-90R400






**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 3.2 meter

## FC Vertical Bend 5° - 90°



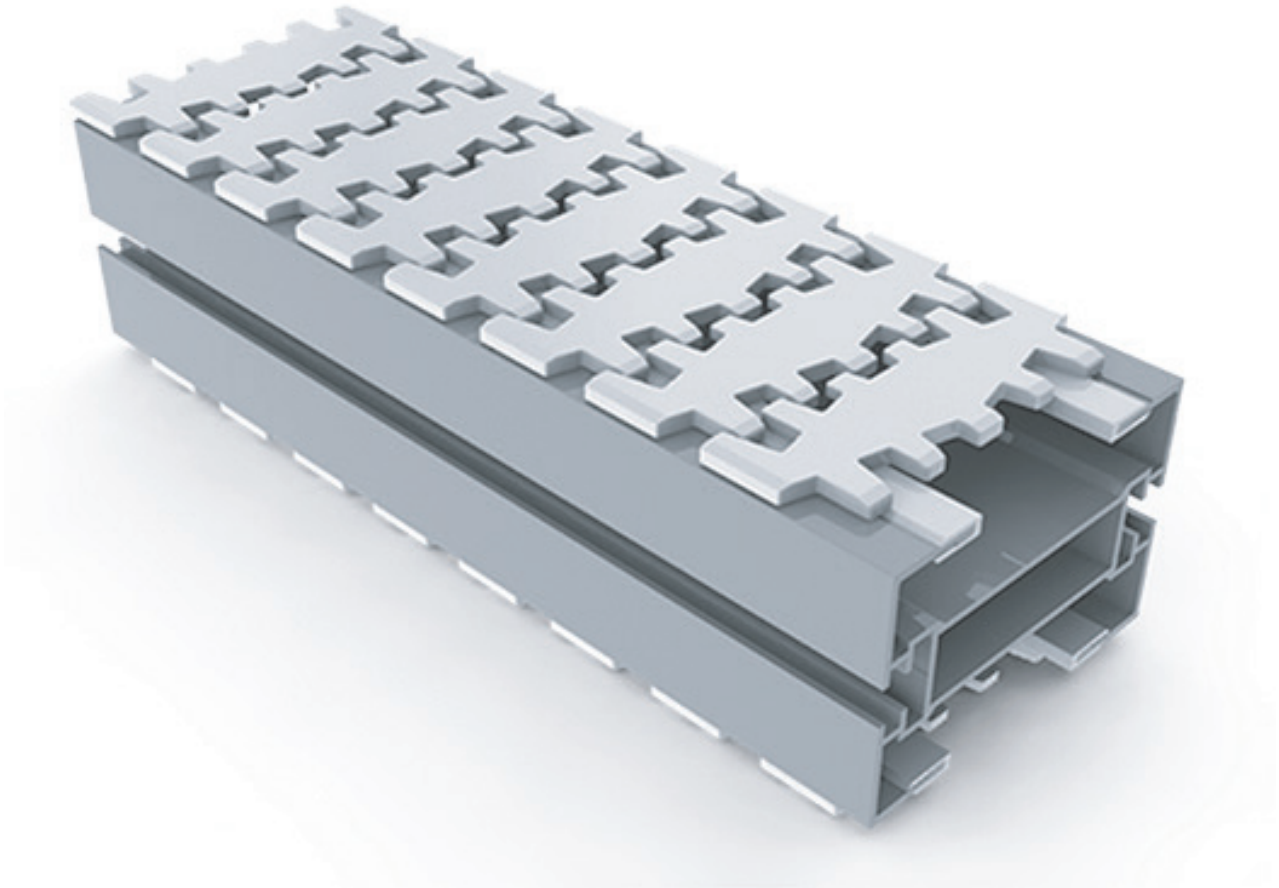

**Example for FC Vertical Bend Ordering**

- Vertical bend, Ø° ± 1°
- FCVB-Ø°R400

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FCVB-65R400**

*The outer bend is assembled using connecting strip (FACS-25x140A) .Angle of "Ø°" must be indicated when ordering.*



Variety of chain type suitable for wide range of applications either horizontal or vertically product transportation. Capacity higher than FK, FS, FM. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FL Series Characteristic

**Beam Width:** 150mm

**Product Width**: Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 OR FASR-25U

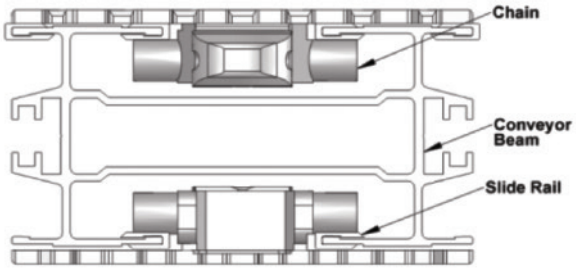
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE OR UHMW

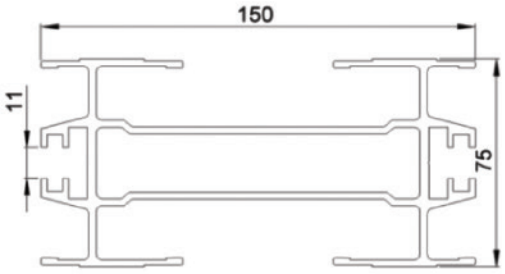
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

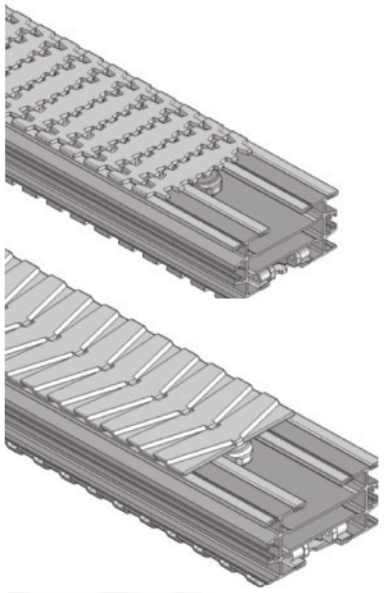
**Connecting Strip:** FACS-25x140A



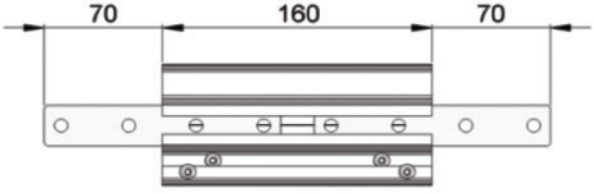

## Conveyor Beam **FLCB-3**



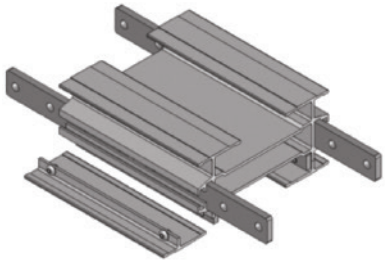

**UOM : 3 Meter / Length**




## Chain Connecting Module **FLCC-160**




**UOM: pc**



## Chain Common Data

**Packaging:** 5m per box

**Pitch:** 35.5mm

**Width:** 150mm

Tensile Strength at 20°C: 6000N

**Colour:** White & Black (Conductive)

## Material :-

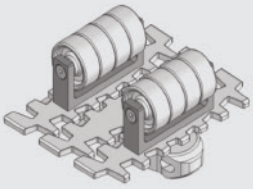
**Chain:** White Acetal / POM

**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

**Insert (Wedge & Friction):** TPE Grey

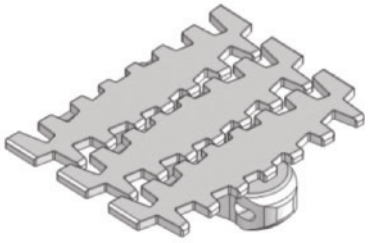
**Example for FLRC-5B-L#**
# = 1 cleated top chain with alternate of # link of plain chain

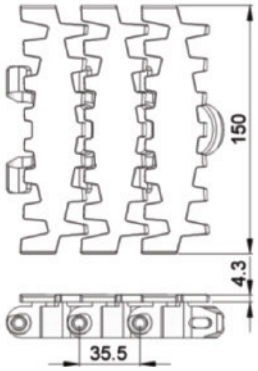


The above chain is FLRC-5B-L1, 1 link cleated top chain with alternate of 1 link of plain chain.

**Note: # = 1, 2, 3, 4, 5…..20**

### Standard Plain Chain **FLPC-5**

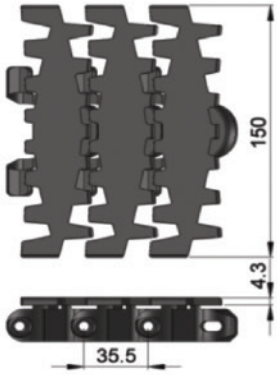





**UOM: 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

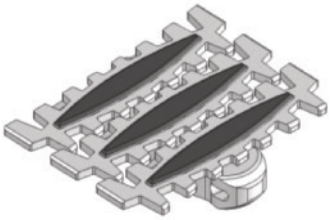
### Conductive Chain **FLPC-5CD**

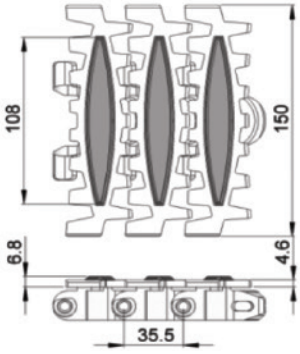



**UOM: 5 Meter / box**

Application: Suitable for transport of static sensitive product.

### Conductive Chain **FLFT-5**

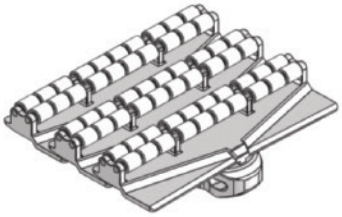


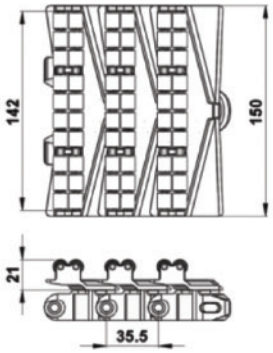



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope > 5 ° but ≤ 30 ° without accumulation.

## Roller Top Chain **FLRT-5V**



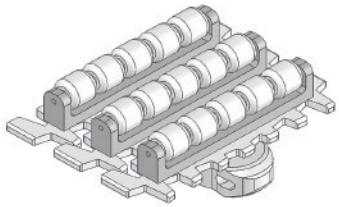


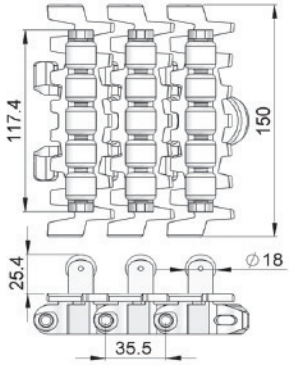

**UOM: 5 Meter / box**

Application: Suitable for accumulation of product with low friction and pressure.

## Roller Cleat Chain **FLRC-5A-L#**

**# = 1, 2, 3, 4, 5…..20**



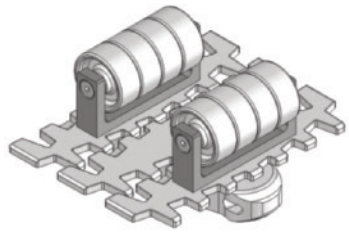


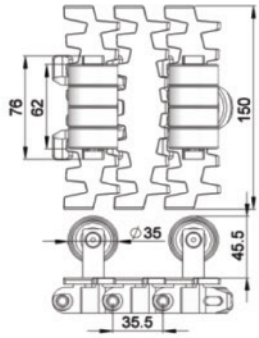

**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

## Roller Cleat Chain **FLRC-5B-L#**

**# = 1, 2, 3, 4, 5…..20**



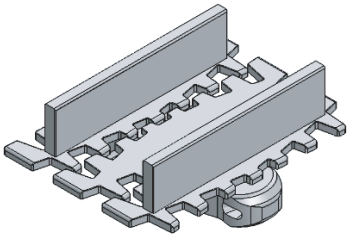


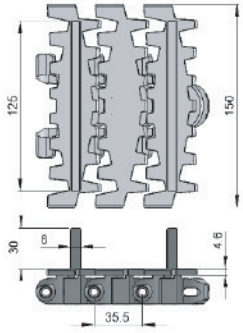

**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

## Cleat Top Chain **FLCT-5A30-L#**

**# = 1, 2, 3, 4, 5…..20**

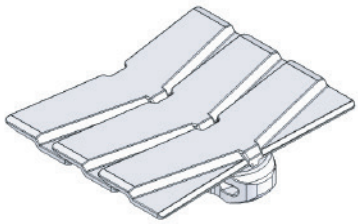


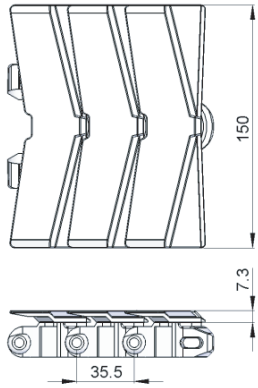



**UOM: 5 Meter / box**

Application: Suitable for vertical transportation of product in slope with no accumulation.

## Standard Plain Chain-V **FLPC-5V**

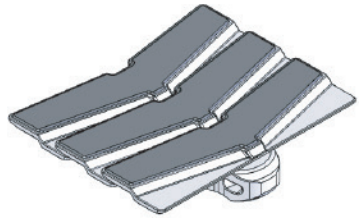


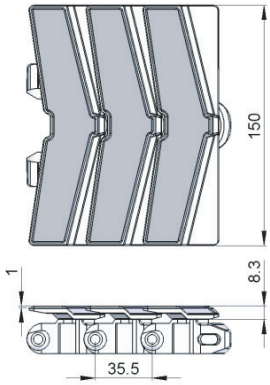



**UOM: 5 Meter / box**

Application: (Safety Chain) Suitable for horizontal and slope < 5° transport of products with accumulation.

## Safety Chain Friction Top **FLFT-5V**





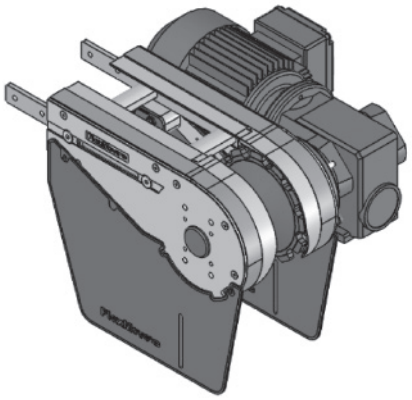

**UOM: 5 Meter / box**

Application: (Safety Chain ) Suitable for transport product in slope > 5 ° but ≤ 30 ° without accumulation.

*SEW gear motors are products of SEW Eurodrive*

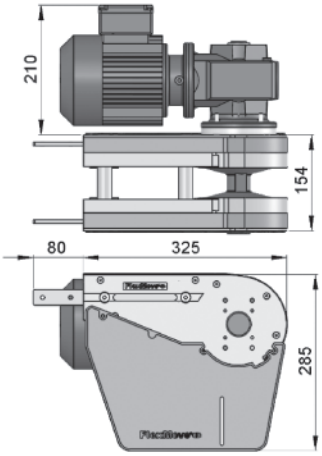
## FL Direct End Drive with Motor (LEFT)

FLDD-A150-0.25L, 0.37L, 0.55L



## FL Direct End Drive without Motor (LEFT)

FLDD-A150-0L




**Max Traction Force : 1250N**

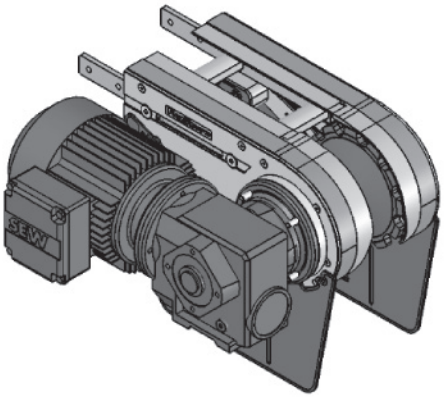
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLDD-A150-0L represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

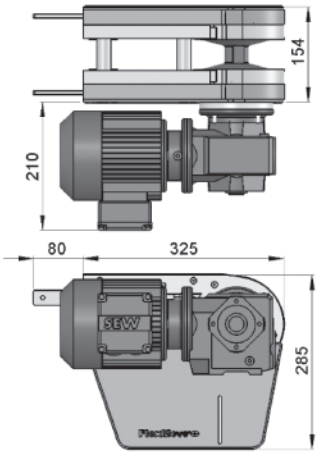
## FL Direct End Drive with Motor (RIGHT)

FLDD-A150-0.25R, 0.37R, 0.55R



## FL Direct End Drive without Motor (RIGHT)

FLDD-A150-0R




**Max Traction Force : 1250N**

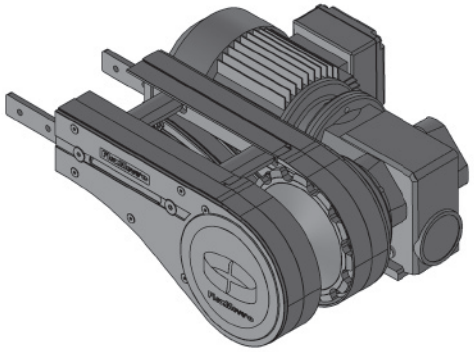
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLDD-A150-0R represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

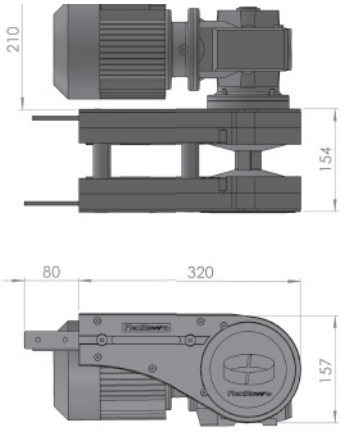
## FL Direct End Drive unit with Motor GP (LEFT)

FLDD-A150GP-0.25L, 0.37L, 0.55L



## FL Direct End Drive unit without Motor GP (LEFT)

FLDD-A150GP-0L




**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLDD-A150GP-0L represents direct drive without gear motor.

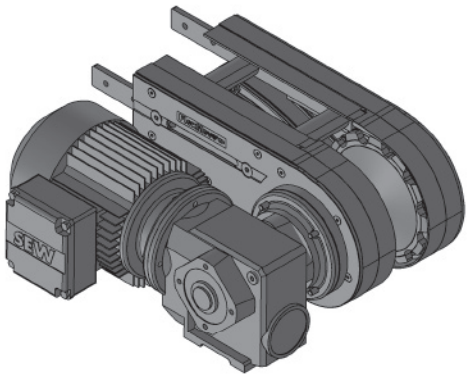
**UOM: pc**

Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

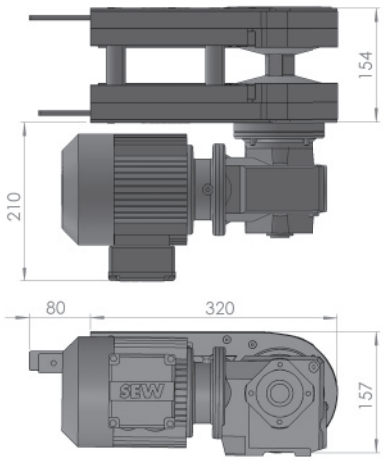
## FL Direct End Drive unit with Motor GP (RIGHT)

FLDD-A150GP-0.25R, 0.37R, 0.55R



## FL Direct End Drive unit without Motor GP (RIGHT)

FLDD-A150GP-0R




**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLDD-A150GP-0R represents direct drive without gear motor.

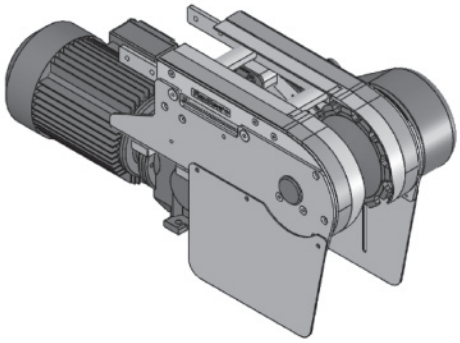
**UOM: pc**

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

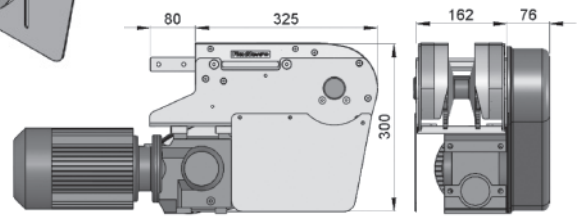
## FL Suspended End Drive with Motor (LEFT)

FLSD-A150-0.25L, 0.37L, 0.55L



## FL Suspended End Drive without Motor (LEFT)

FLSD-A150-0L




**Max Traction Force : 1250N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLSD-A150-0L represents suspended drive without gear motor.

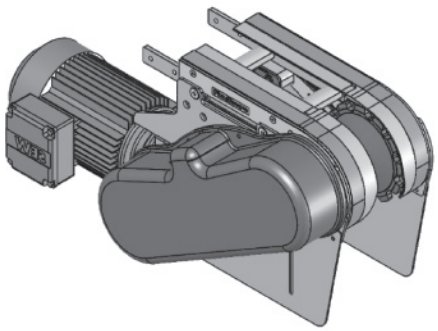
**UOM: pc**

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

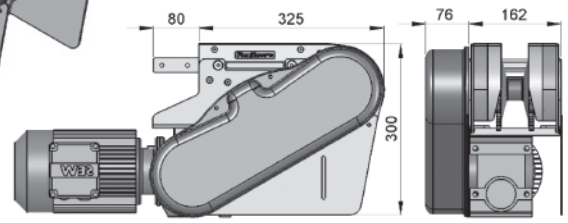
## FL Suspended End Drive with Motor (RIGHT)

FLSD-A150-0.25R, 0.37R, 0.55R



## FL Suspended End Drive without Motor (RIGHT)

FLSD-A150-0R




**Max Traction Force : 1250N**

The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLSD-A150-0R represents suspended drive without gear motor.

**UOM: pc**

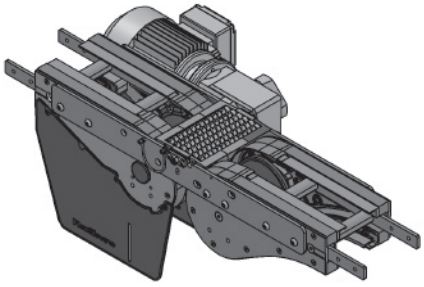
Chain required 2-way : 0.8 meter

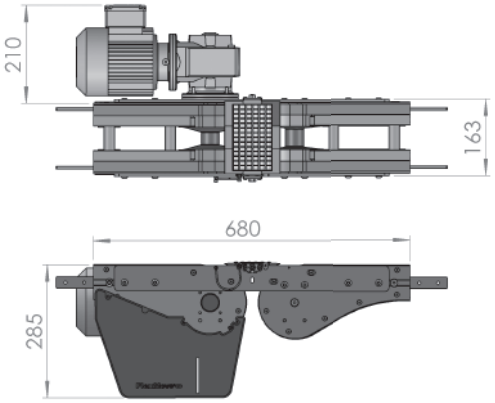
Slide rail required 2-way: 0.5 meter

*SEW gear motors are products of SEW Eurodrive*

## FL Combined Direct Drive & Idler (LEFT)

FLCDI-DD-A150-0.25L, 0.37L, 0.55L | FLCDI-DD-A150-0L





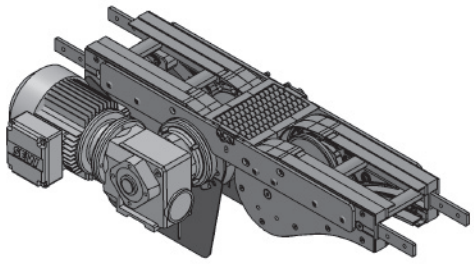

**Max Traction Force : 1250N**

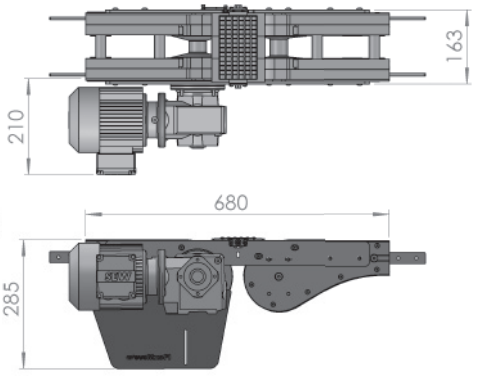
The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLCDI-DD-A150-0L represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

## FL Combined Direct Drive & Idler (RIGHT)

FLCDI-DD-A150-0.25R, 0.37R, 0.55R | FLCDI-DD-A150-0R





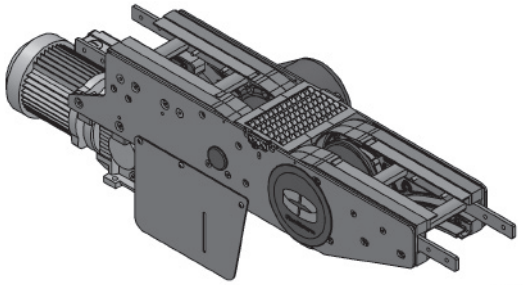

**Max Traction Force : 1250N**

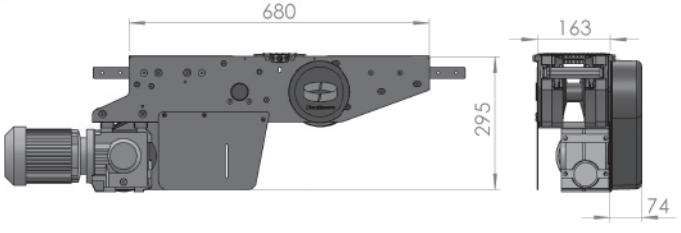
The Combine Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLCDI-SD-A150-0R represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

## FL Combined Suspended Drive & Idler (LEFT)

FLCDI-SD-A150-0.25L, 0.37L, 0.55L | FLCDI-SD-A150-0L






**Max Traction Force : 1250N**

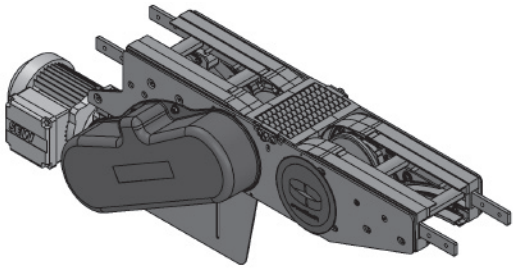
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLCDI-SD-A150-0L represents suspended drive without gear motor.

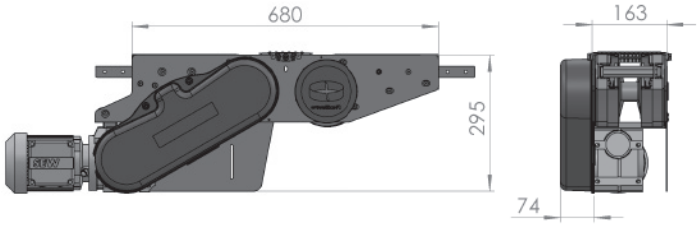
**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 1.0 meter

*SEW gear motors are products of SEW Eurodrive*

## FL Combined Suspended Drive & Idler (RIGHT)

FLCDI-SD-A150-0.25R, 0.37R, 0.55R FLCDI-SD-A150-0R






**Max Traction Force : 1250N**

The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FLCDI-SD-A150-0R represents direct drive without gear motor.

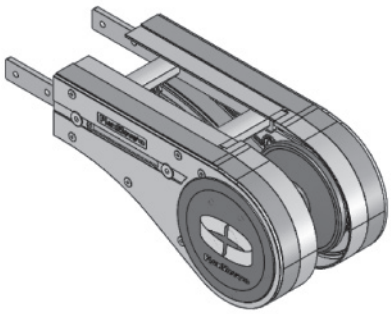
**UOM: pc**

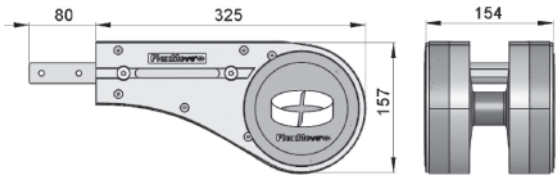
Chain required 2-way : 1.6 meter

Slide rail required 2-way: 1.0 meter

## FL Idler End-150

FLIE-A150





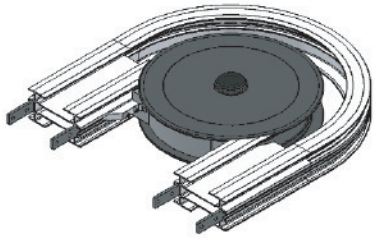

**UOM: pc**

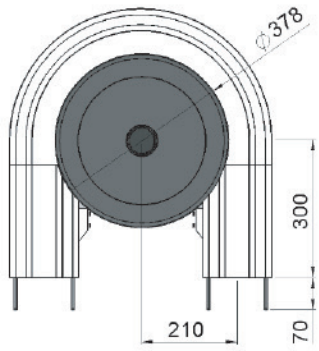
Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

## FL Wheel Bend 180°

FLWB-180R210A





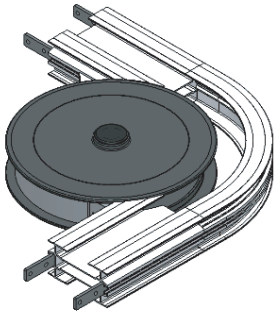

**UOM: pc**

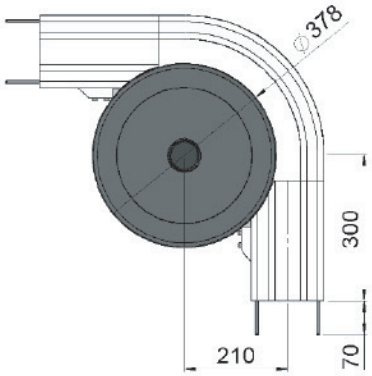
Chain required 2-way : 2.5 meter

Slide rail required 2-way: 2.8 meter

*SEW gear motors are products of SEW Eurodrive*

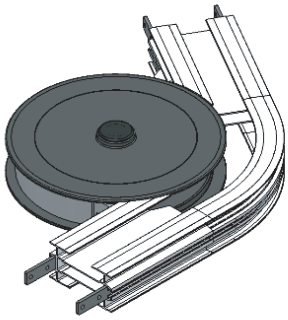
## FL Wheel Bend 90° FLWB-90R210A

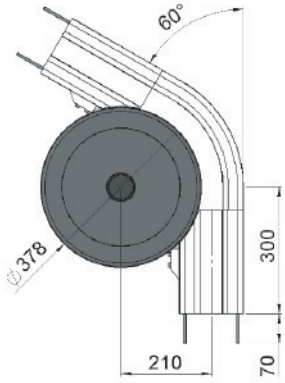





**UOM: pc**
Chain required 2-way : 1.9 meter
Slide rail required 2-way: 2.2 meter

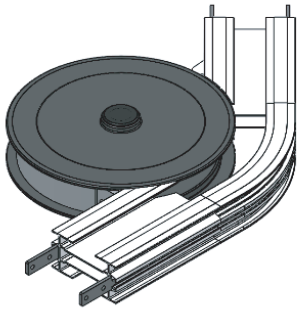
## FL Wheel Bend 60° FLWB-60R210A

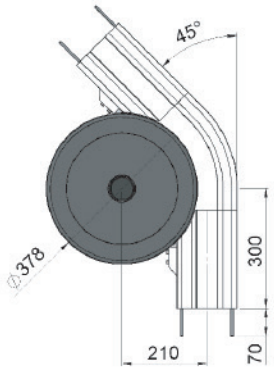





**UOM: pc**
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 2.0 meter

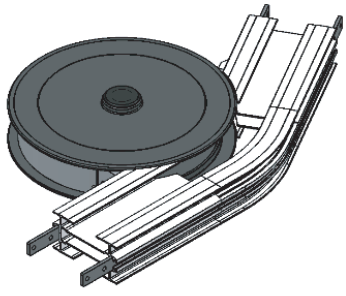
## FL Wheel Bend 45° FLWB-45R210A

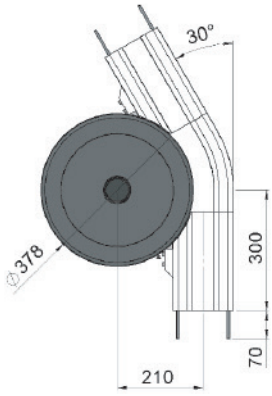





**UOM: pc**
Chain required 2-way : 1.5 meter
Slide rail required 2-way: 1.8 meter

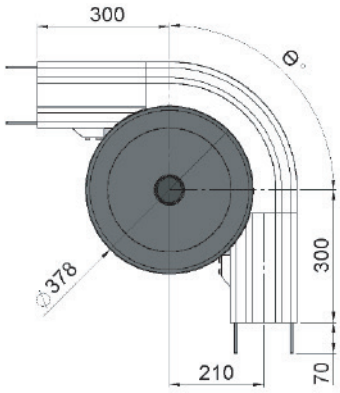
## FL Wheel Bend 30° FLWB-30R210A






**UOM: pc**
Chain required 2-way : 1.4 meter
Slide rail required 2-way: 1.7 meter

## FL Wheel Bend 5° - 180°




**Example for FL Wheel Bend Ordering**

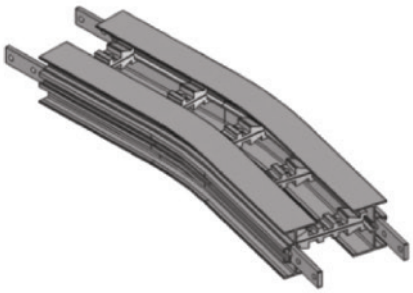
- Wheel bend, Ø° ± 1°
- FLWB-Ø°R210A

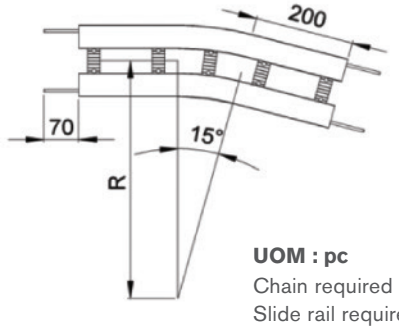
If an angle of 65° is needed for wheel bend, so the ordering part number is

**FLWB-65R210A**

*The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Ø° must be indicated when ordering.*

## FL Horizontal Plain Bend 15°






**Horizontal plain bend, 15° ± 1°**

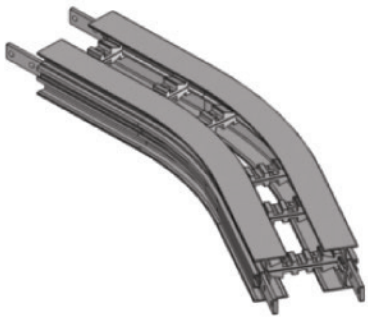
| | |
|---|---|
| R = 500 ± 10mm | **FLHB-15R500** |
| R = 700 ± 10mm | **FLHB-15R700** |
| R = 1000 ± 10mm | **FLHB-15R1000** |

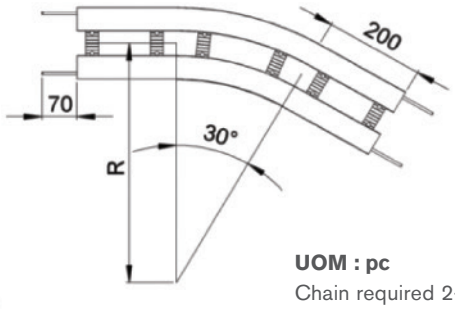
**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1, 1.1, 1.2, 1.3 meter

Slide rail required 2-way (300, 500, 700, 1000): 1.9, 2.1, 2.3, 2.6 meter

## FL Horizontal Plain Bend 30°






**Horizontal plain bend, 30° ± 1°**

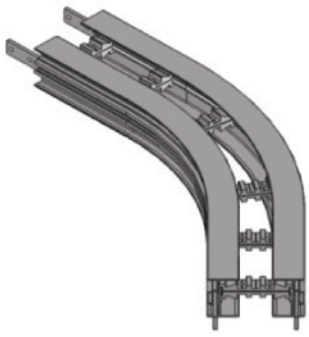
| | |
|---|---|
| R = 500 ± 10mm | **FLHB-30R500** |
| R = 700 ± 10mm | **FLHB-30R700** |
| R = 1000 ± 10mm | **FLHB-30R1000** |

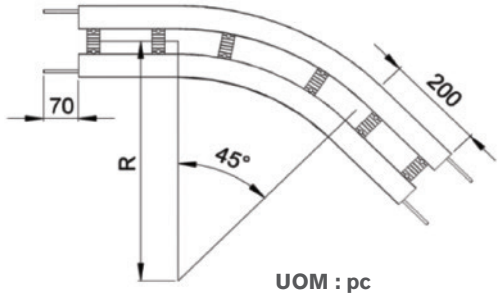
**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.1, 1.3, 1.5, 1.8 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.2, 2.6, 3.1, 3.7 meter

## FL Horizontal Plain Bend 45°






**Horizontal plain bend, 45° ± 1°**

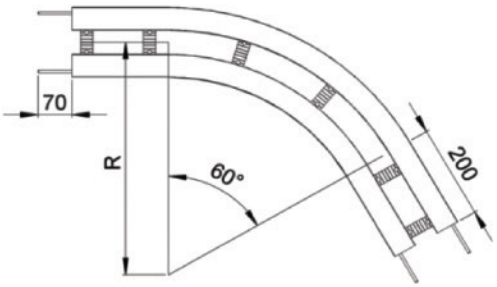
| | |
|---|---|
| R = 500 ± 10mm | **FLHB-45R500** |
| R = 700 ± 10mm | **FLHB-45R700** |
| R = 1000 ± 10mm | **FLHB-45R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.3, 1.6, 1.9, 2.4 meter

Slide rail required 2-way (300, 500, 700, 1000): 2.5, 3.2, 3.8, 4.7 meter

## FL Horizontal Plain Bend 60°



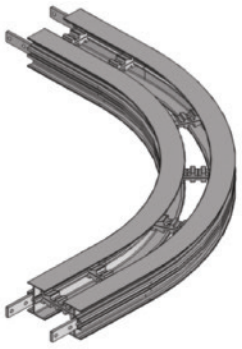

**Horizontal plain bend, 60° ± 1°**

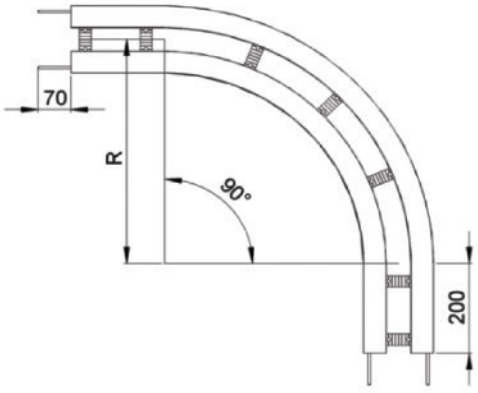
| | |
|---|---|
| R = 500 ± 10mm | **FLHB-60R500** |
| R = 700 ± 10mm | **FLHB-60R700** |
| R = 1000 ± 10mm | **FLHB-60R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000): 1.4, 1.8, 2.3, 2.9 meter
Slide rail required 2-way (300, 500, 700, 1000): 2.9, 3.7, 4.5, 5.8 meter

## FL Horizontal Plain Bend 90°





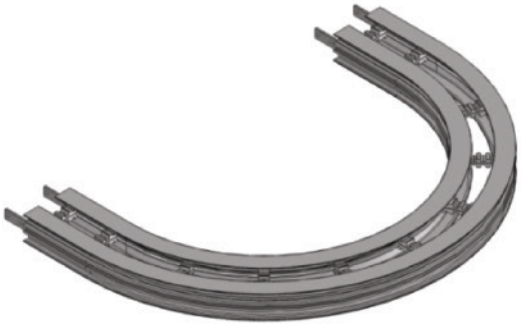

**Horizontal plain bend, 90° ± 1°**

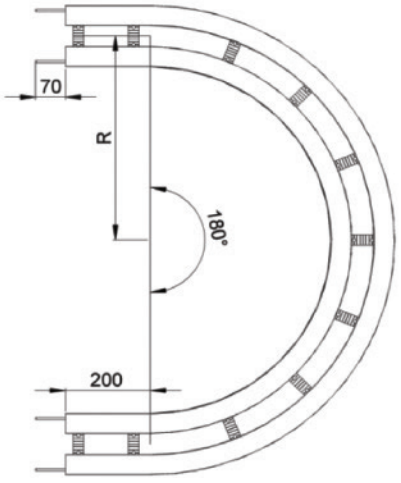
| | |
|---|---|
| R = 500 ± 10mm | **FLHB-90R500** |
| R = 700 ± 10mm | **FLHB-90R700** |
| R = 1000 ± 10mm | **FLHB-90R1000** |

**UOM : pc**

Chain required 2-way (300, 500, 700, 1000):
1.7, 2.4, 3.0, 3.9 meter
Slide rail required 2-way (300, 500, 700, 1000):
3.5, 4.7, 6.0, 7.9 meter

## FL Horizontal Plain Bend 180°





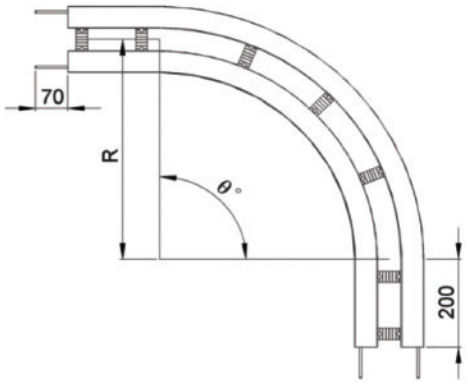

**Horizontal plain bend, 180° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FLHB-180R500** |
| R = 700 ± 10mm | **FLHB-180R700** |
| R = 1000 ± 10mm | **FLHB-180R1000** |

**UOM : pc**

Chain required 2-way (500, 700, 1000) : 4.0, 5.2, 7.1 meter
Slide rail required 2-way (500, 700, 1000): 7.9, 1.1, 14.2 meter

## FL Horizontal Plain Bend 5° - 180°




### Example for FL Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FLHB- Ø°R500** |
| R = 700 ± 10mm | **FLHB- Ø°R700** |
| R = 1000 ± 10mm | **FLHB- Ø°R1000** |

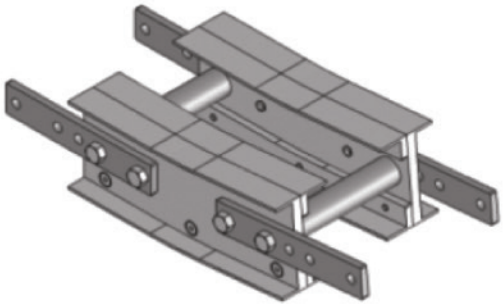
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

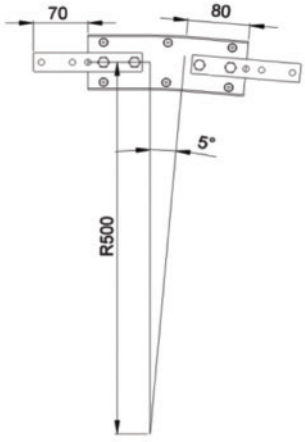
**FLHB-120R500**

**UOM : pc**

Chain required 2-way (500, 700, 1000) : meter (variable to angle)
Slide rail required 2-way (500, 700, 1000): meter (variable to angle)

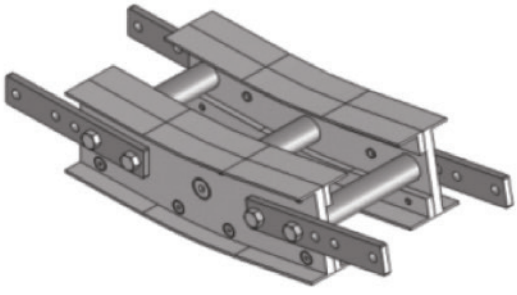
## FL Vertical Bend 5° FLVB-5R500

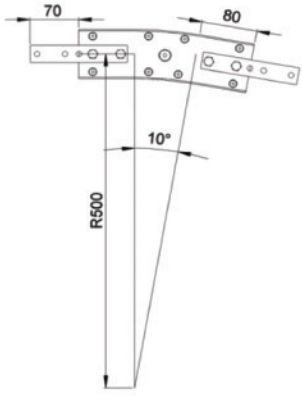





**UOM: pc**
Chain required 2-way: 0.4 meter
Slide rail required 2-way: 0.8 meter

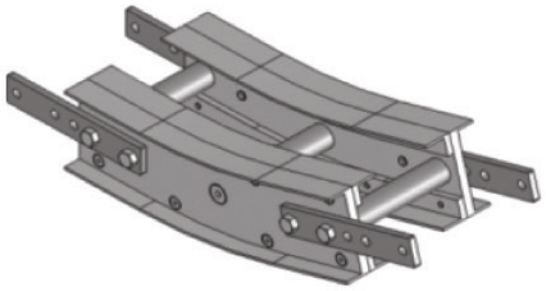
## FL Vertical Bend 10° FLVB-10R500

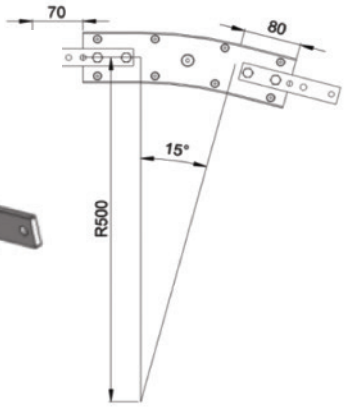





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.0 meter

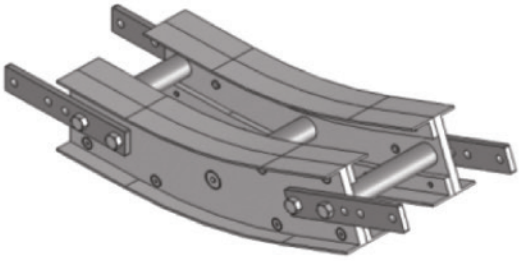
## FL Vertical Bend 15° FLVB-15R500

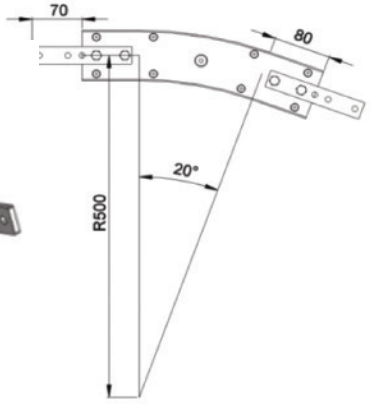





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.2 meter

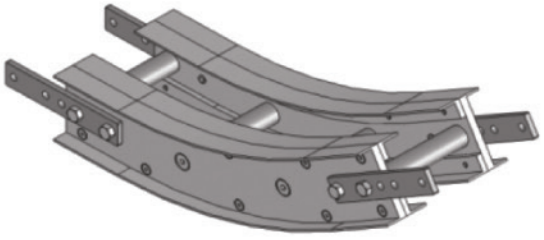
## FL Vertical Bend 20° FLVB-20R500

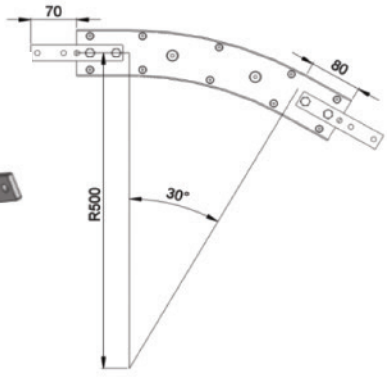





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 1.3 meter

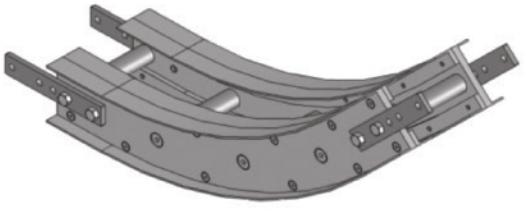
## FL Vertical Bend 30° FLVB-30R500

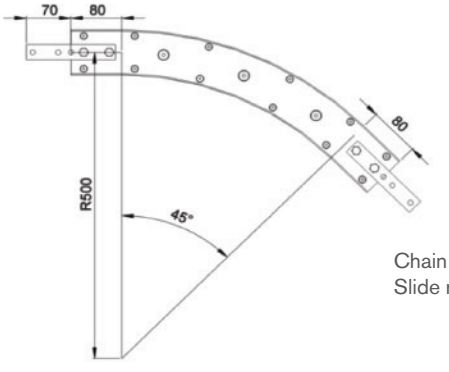





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 1.7 meter

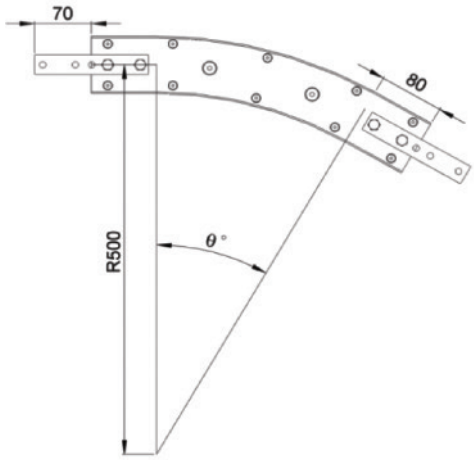
## FL Vertical Bend 45° FLVB-45R500






Chain required 2-way: 1.1 meter
Slide rail required 2-way: 2.2 meter

## FL Vertical Bend 5°-90°



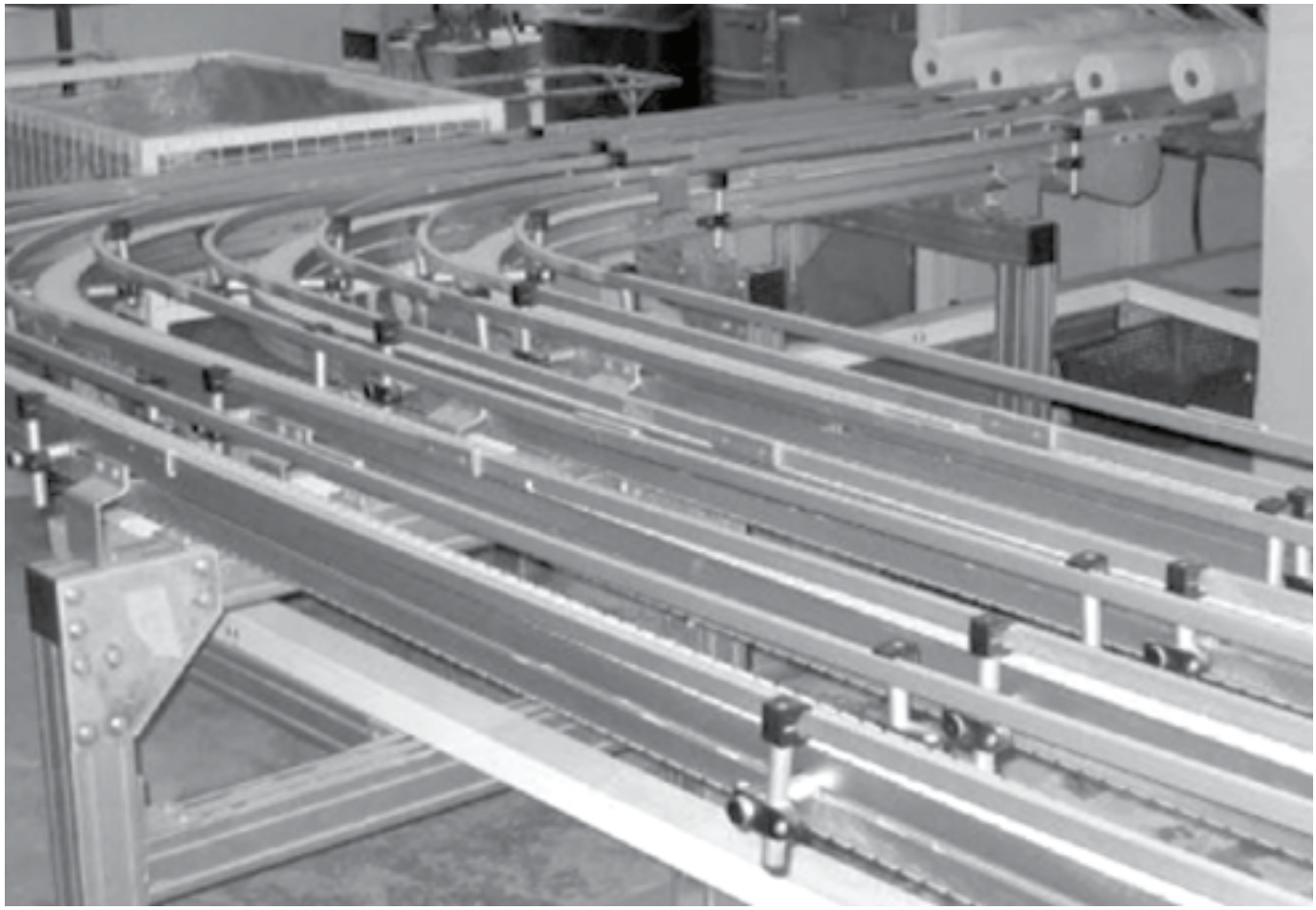

**Example for FL Vertical Bend Ordering**

- Vertical bend, Ø° ± 1°
- FLVB-Ø°R500

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FLVB-65R500**

*The outer bend is assembled using connecting strip (FACS-25x140A) .Angle of "Ø°" must be indicated when ordering.*



Variety of chain type suitable for wide range of applications either horizontal or vertically product transportation. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FU180 Series Characteristic

**Beam Width:** 179 mm

**Product Width:** Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 , FASR-25U , FASR-25X

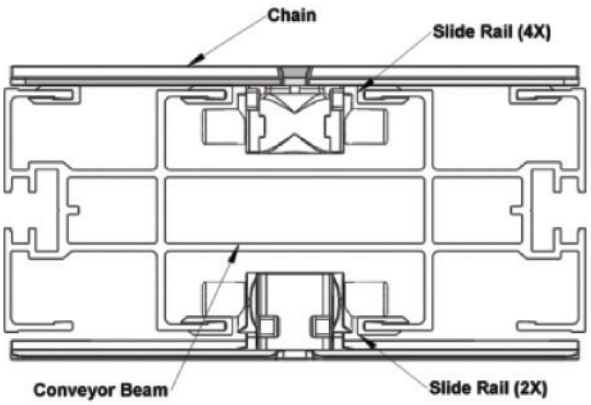
**Slide Rail Colour:** White Or Natural Colour

**Slide Rail Material:** HDPE , UHMW OR SPECIAL PE

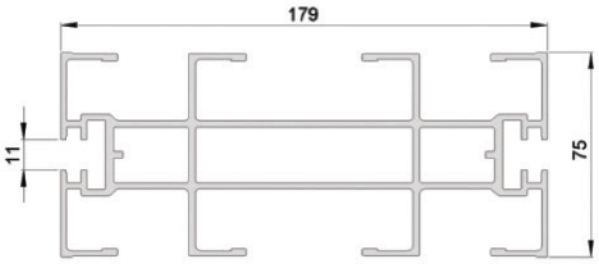
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

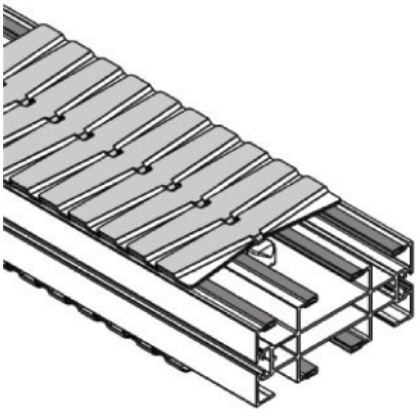
**Connecting Strip:** FACS-25x140A



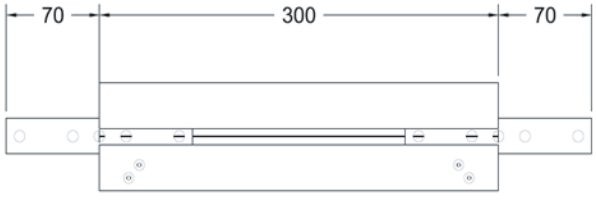

## Conveyor Beam **FUCB-3**



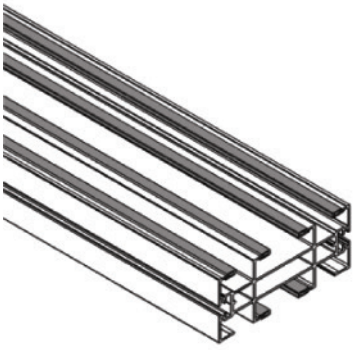

**UOM : 3 Meter / Length**



## Chain Connecting Module **FUCC-300**




**UOM : 3 Meter / Length**



## Chain Common Date

**Packaging:** 5m per box

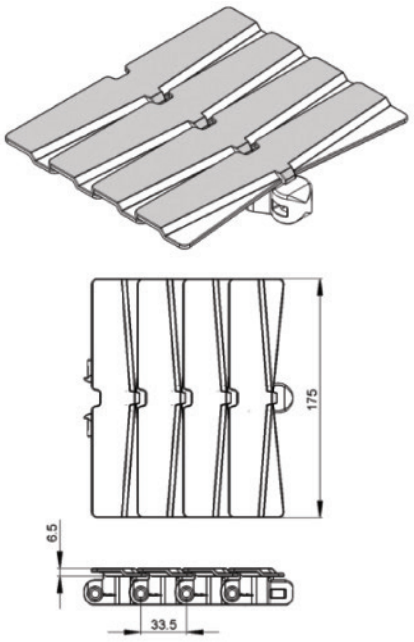
**Pitch**: 33.5mm

**Width**: 175mm

Tensile Strength at 20°C: 6000N

**Colour**: White

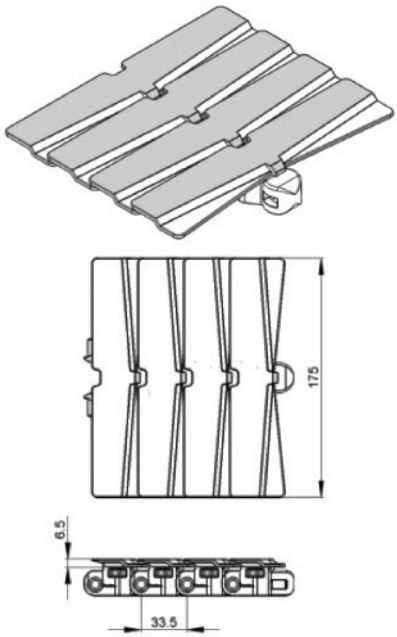
### Plain Chain **FUPC-5**




**UOM : pc**

Application: Suitable for horizontal and slope ＜5° transport of products with accumulation.

### Roller Plain Chain **FUPC-5R**

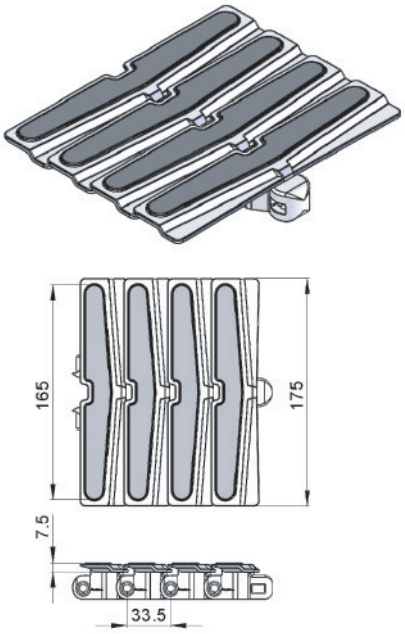



**UOM : pc**

Application: Suitable for horizontal and slope ＜5° transport of products with accumulation.

**Friction Reducing Roller Chain**
**PATENT PENDING**

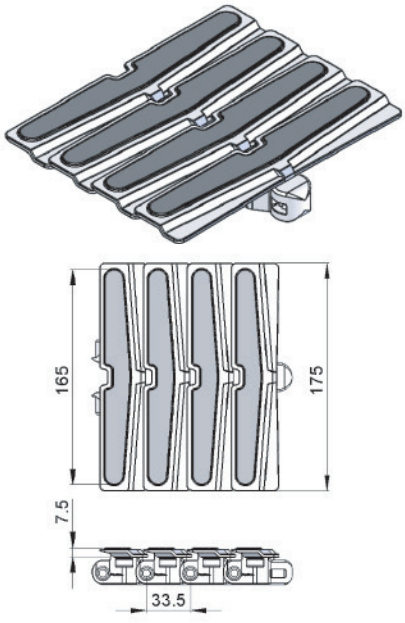
### Friction Top Chain **FUFT-5**




**UOM : 5 Meter / box**

Application: Suitable for horizontal and slope ＜5° transport of products with accumulation.

### Roller Friction Top Chain **FUFT-5R**




**UOM : 5 Meter / box**

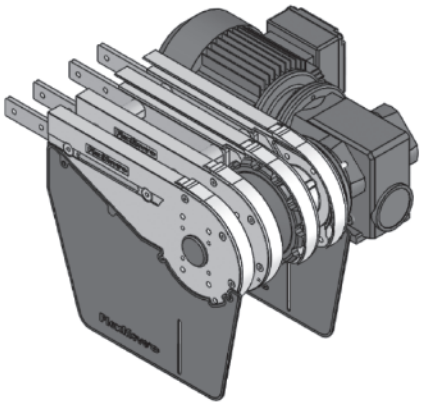
Application: Suitable for horizontal and slope ＜5° transport of products with accumulation.

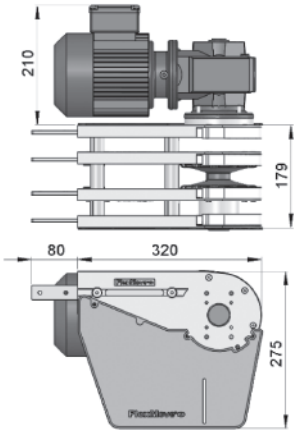
**Friction Reducing Roller Chain**
**PATENT PENDING**

## FU Direct End Drive with Motor (LEFT)

FUDD-A180-0.25L, 0.37L, 0.55L

FUDD-A180-0L






**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUDD-A180-0L represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

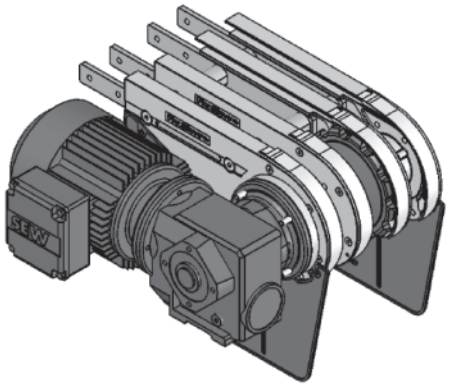
Chain required 2-way: 0.8 meter

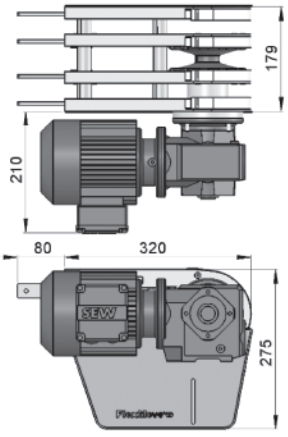
Slide rail required 2-way: 0 meter

## FU Direct End Drive with Motor (RIGHT)

FUDD-A180-0.25R, 0.37R, 0.55R

FUDD-A180-0R






**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUDD-A180-0R represents direct drive without gear motor. Multi channel drives are available upon request.

**UOM: pc**

Chain required 2-way : 0.8 meter

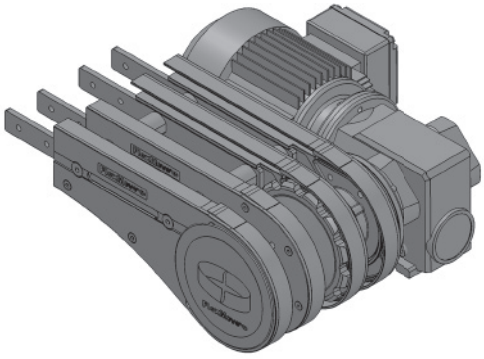
Slide rail required 2-way: 0 meter

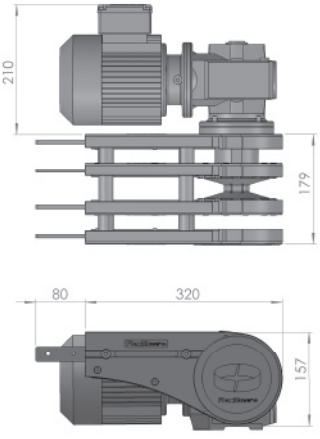
## FU Direct End Drive unit with Motor GP (LEFT)

FUDD-A180GP-0.25L, 0.37L, 0.55L

## FU Direct End Drive unit without Motor GP (LEFT)

FUDD-A180GP-0L






**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUDD-A180GP-0L represents direct drive without gear motor.

**UOM: pc**

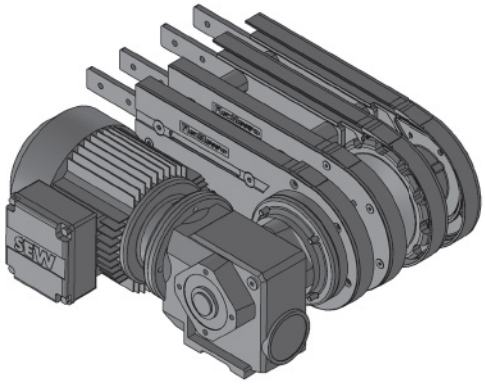
Chain required 2-way: 0.8 meter

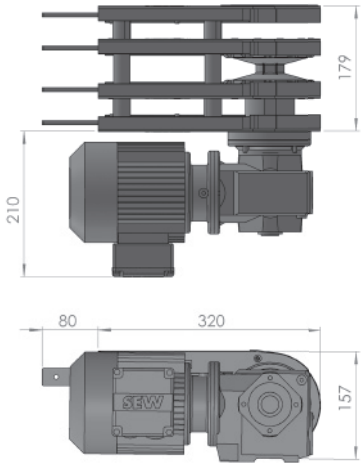
Slide rail required 2-way: 0 meter

*SEW gear motors are products of SEW Eurodrive*

## FU Direct End Drive unit with Motor GP (RIGHT)

FUDD-A180GP-0.25R, 0.37R, 0.55R






## FU Direct End Drive unit without Motor GP (RIGHT)

FUDD-A180GP-0R

**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUDD-A180GP-0R represents direct drive without gear motor.

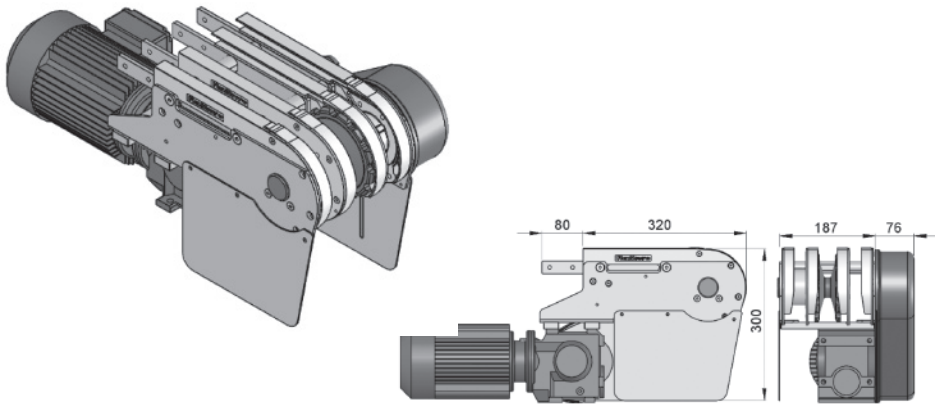
**UOM: pc**

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0 meter

## FU Suspended Drive with Motor (LEFT)

FUSD-A180-0.25L, 0.37L, 0.55L




## FU Suspended Drive with Motor (LEFT)

FUSD-A180-0L

**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUSD-A180-0L represents direct drive without gear motor. Multi channel drives are available upon request.

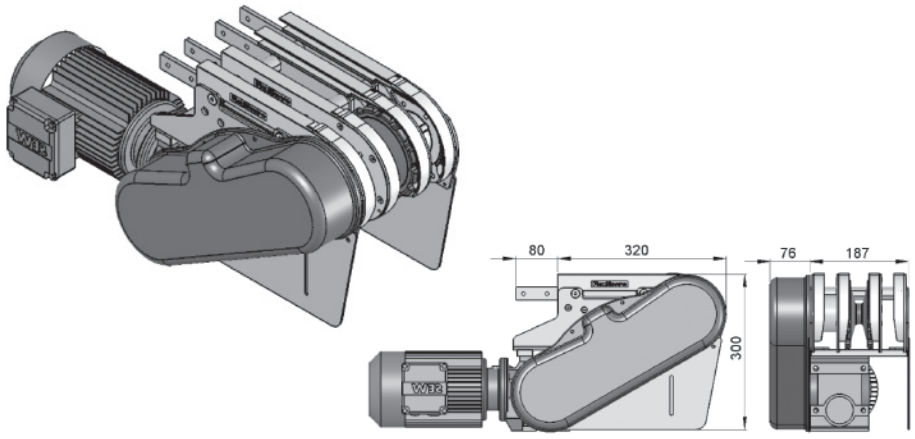
**UOM: pc**

Chain required 2-way: 0.8 meter

Slide rail required 2-way: 0 meter

## FU Suspended Drive with Motor (RIGHT)

FUSD-A180-0.25R, 0.37R, 0.55R




## FU Suspended Drive with Motor (RIGHT)

FUSD-A180-0R

**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FUSD-A180-0R represents direct drive without gear motor. Multi channel drives are available upon request.

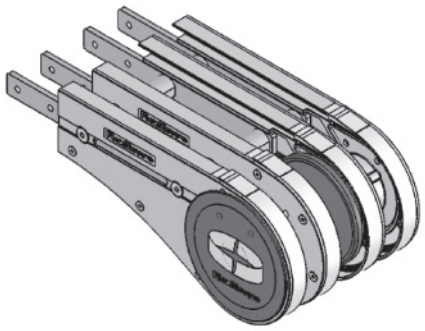
**UOM: pc**

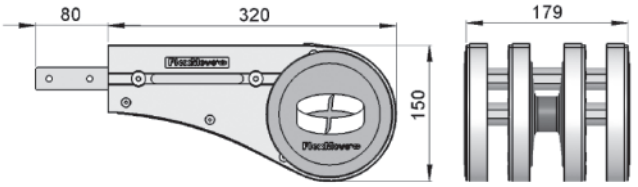
Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0 meter

*SEW gear motors are products of SEW Eurodrive*

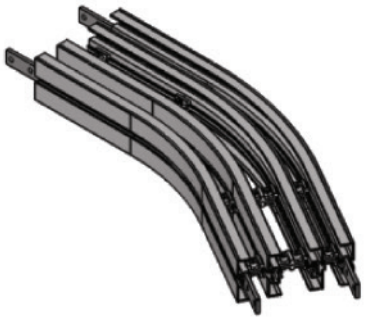
## FU Idler End 180 **FUIE-A180**

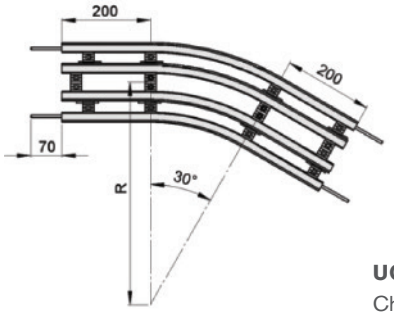





**UOM: pc**
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 0.5 meter

## FU Horizontal Plain Bend 30°



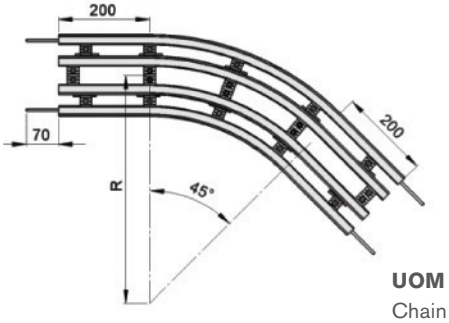



**Horizontal plain bend, 30° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FUHB-30R500** |
| R = 700 ± 10mm | **FUHB-30R700** |
| R = 1000 ± 10mm | **FUHB-30R1000** |

**UOM : pc**
Chain required 2-way (500, 700, 1000): 1.3, 1.5, 1.8 meter
Slide rail required 2-way (500, 700, 1000): 4.0, 4.6, 5.5 meter

## FU Horizontal Plain Bend 45°

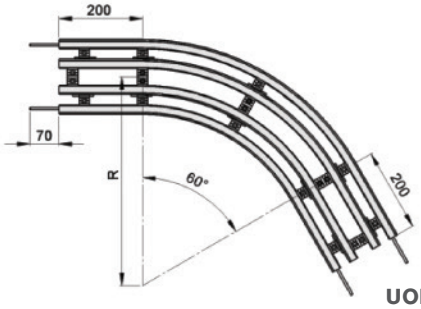



**Horizontal plain bend, 45° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FUHB-45R500** |
| R = 700 ± 10mm | **FUHB-45R700** |
| R = 1000 ± 10mm | **FUHB-45R1000** |

**UOM : pc**
Chain required 2-way (500, 700, 1000): 1.6, 1.9, 2.4 meter
Slide rail required 2-way (500, 700, 1000): 4.8, 5.7, 7.1 meter

## FU Horizontal Plain Bend 60°

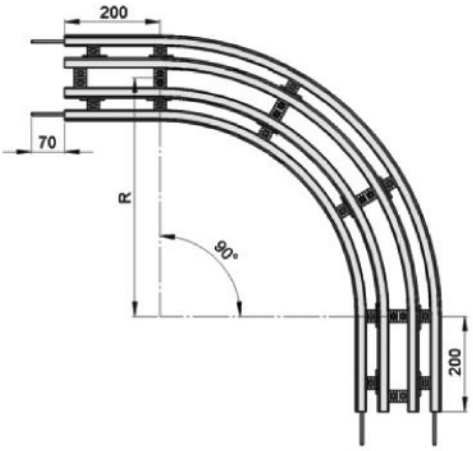



**Horizontal plain bend, 60° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FUHB-60R500** |
| R = 700 ± 10mm | **FUHB-60R700** |
| R = 1000 ± 10mm | **FUHB-60R1000** |

**UOM : pc**
Chain required 2-way (500, 700, 1000): 1.8, 2.3, 2.9 meter
Slide rail required 2-way (500, 700, 1000): 5.5, 6.8, 8.7 meter

## FU Horizontal Plain Bend 90°



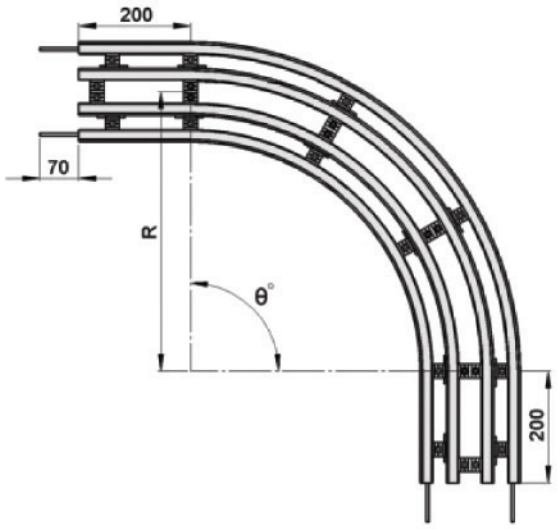

**Horizontal plain bend, 90° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FUHB-90R500** |
| R = 700 ± 10mm | **FUHB-90R700** |
| R = 1000 ± 10mm | **FUHB-90R1000** |

**UOM : pc**

Chain required 2-way (500, 700, 1000): 2.4, 3.0, 3.9 meter
Slide rail required 2-way (500, 700, 1000): 7.1, 9.0, 11.8 meter

## FU Horizontal Plain Bend 5° - 180°




### Example for FU Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

| | |
|---|---|
| R = 500 ± 10mm | **FUHB - Ø°R500** |
| R = 700 ± 10mm | **FUHB - Ø°R700** |
| R = 1000 ± 10mm | **FUHB - Ø°R1000** |

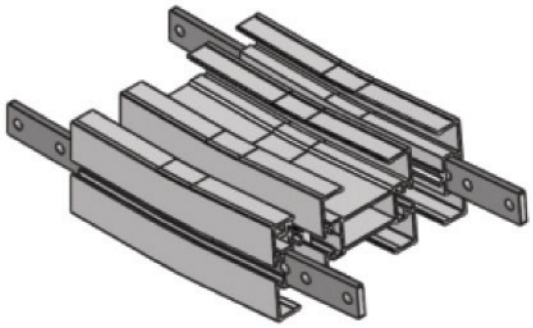
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

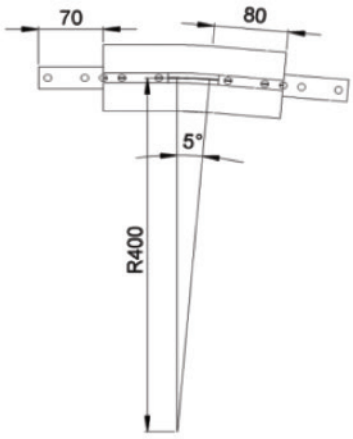
**FUHB-120R500**

**UOM : pc**

Chain required 2-way (500, 700, 1000) : meter (variable to angle)
Slide rail required 2-way (500, 700, 1000): meter (variable to angle)

## FU Vertical Bend 5° FUVB-5R400

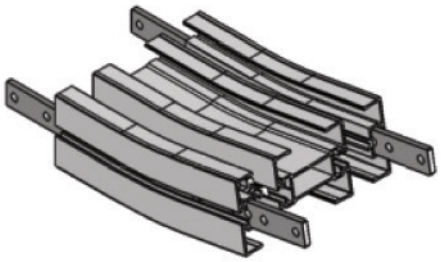


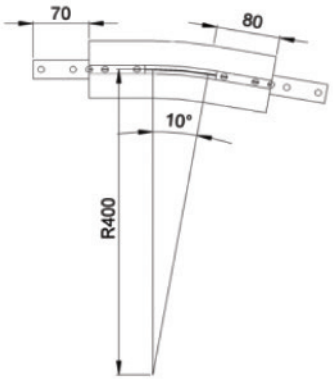



**UOM: pc**

Chain required 2-way: 0.4 meter
Slide rail required 2-way: 1.2 meter

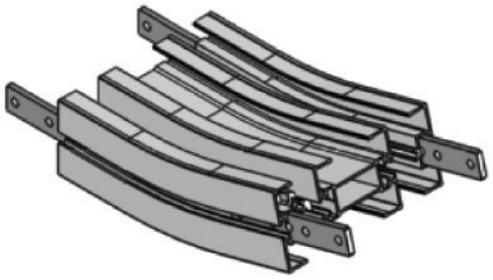
## FU Vertical Bend 10° FUVB-10R400

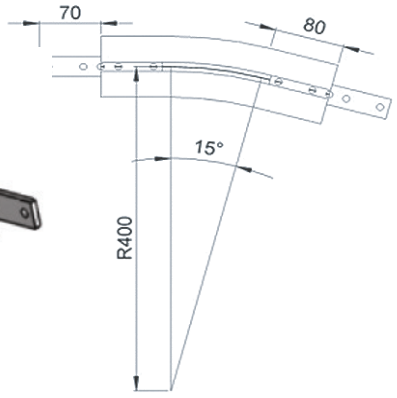





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.4 meter

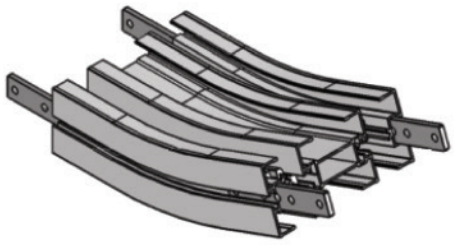
## FU Vertical Bend 15° FUVB-15R400

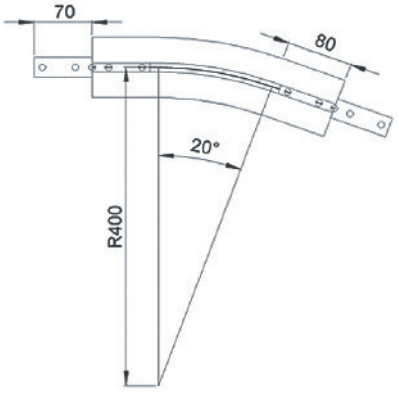





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.6 meter

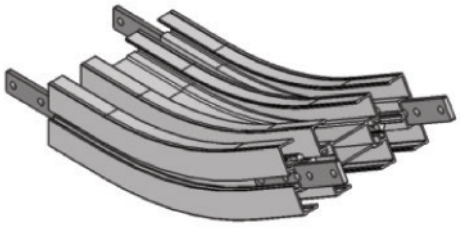
## FU Vertical Bend 20° FUVB-20R400

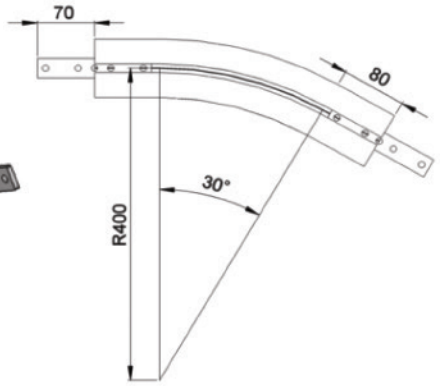





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.8 meter

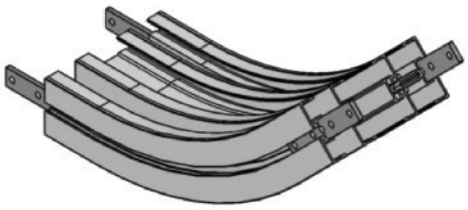
## FU Vertical Bend 30° FUVB-30R400

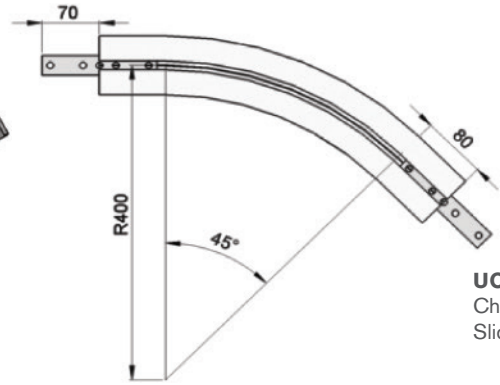





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 2.2 meter

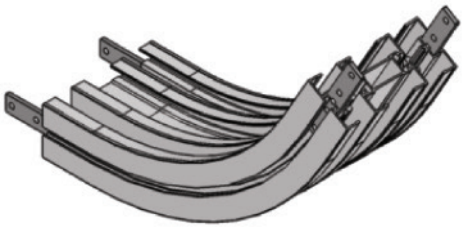
## FU Vertical Bend 45° FUVB-45R400

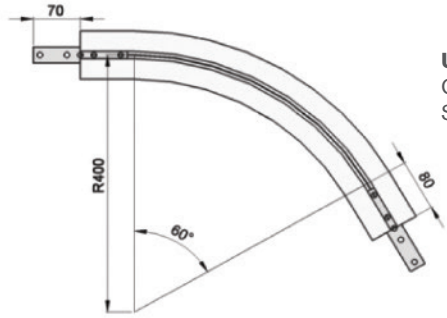





**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 2.8 meter

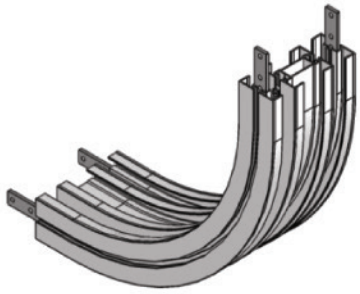
## FU Vertical Bend 60° FUVB-60R400

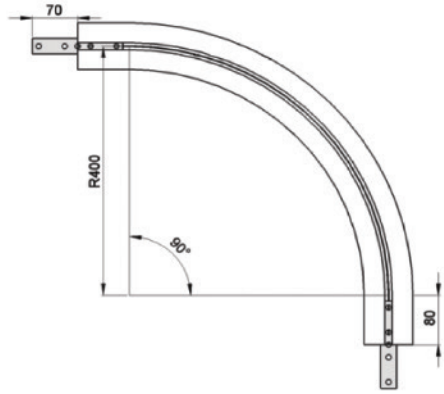





**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 3.5 meter

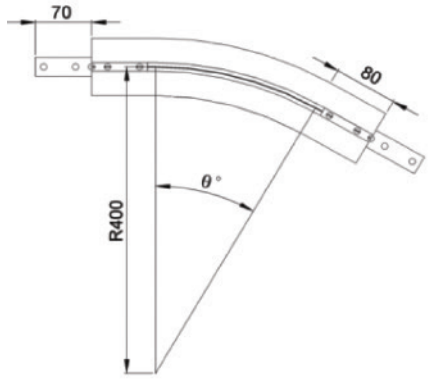
## FU Vertical Bend 90° FUVB-90R400






**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 4.7 meter

## FU Vertical Bend 5°-90°




**Example for FU Vertical Bend Ordering**

- Vertical bend, Ø° ± 1°
- FUVB-Ø°R400

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FUVB-65R400**

*The outer bend is assembled using connecting strip (FACS-25x140A).*
*Angle of "Ø°" must be indicated when ordering.*

Variety of chain type suitable for wide range of applications either horizontal or vertically product transportation. The maximum product width to be conveyed can be referred to guide rail assembly pages.

## FV Series Characteristic

**Beam Width:** 260mm

**Product Width**: Refer to Guide Rail Assembly

## Accessories Needed

**Slide Rail Required:** FASR-25 , FASR-25U , FASR-25X

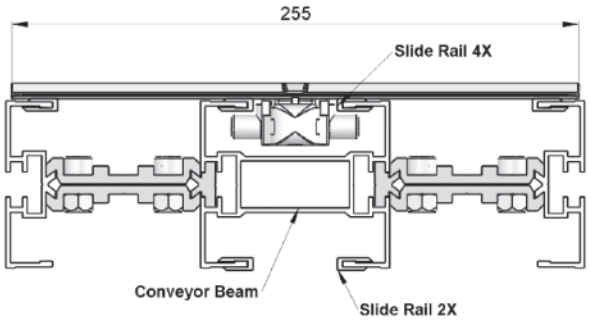
**Slide Rail Colour:** White Or Natural Colour

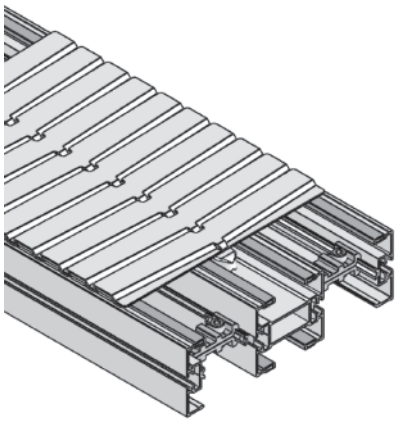
**Slide Rail Material:** HDPE , UHMW OR SPECIAL PE

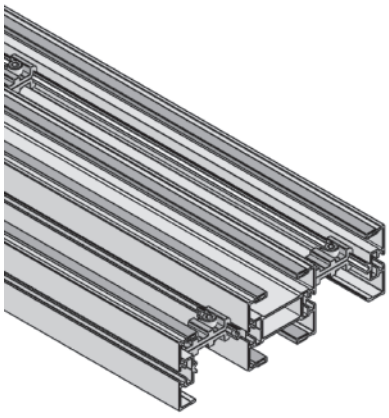
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

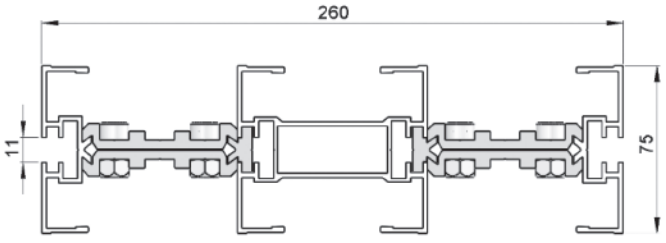
**Connecting Strip:** FACS-25x140A



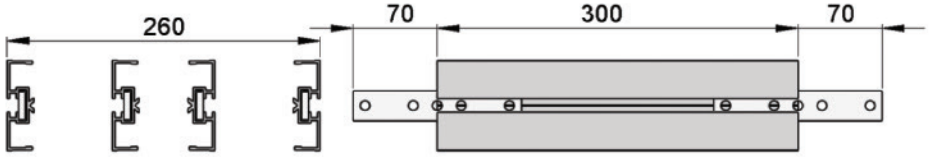


## Conveyor Beam **FVCB-3**




**UOM : 3 Meter / Length**

## Chain Connecting Module **FVCC-300**




**Beam section for chain installation.**

**UOM : pc**

## Chain Common Date

**Packaging:** 5m per box

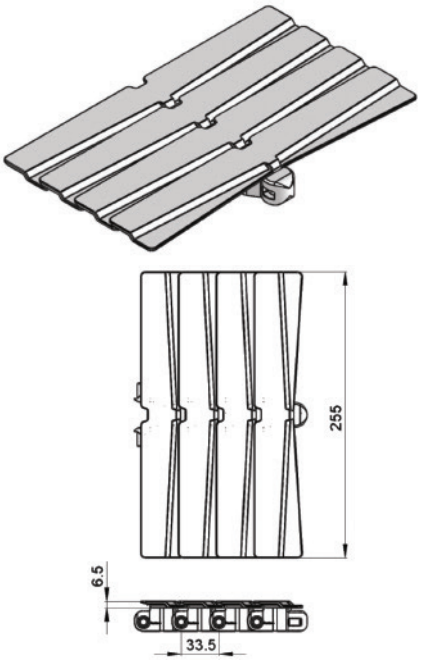
**Pitch**: 33.5mm

**Width**: 255mm

Tensile Strength at 20°C: 6000N

**Colour**: White

### Plain Chain **FVPC-5**

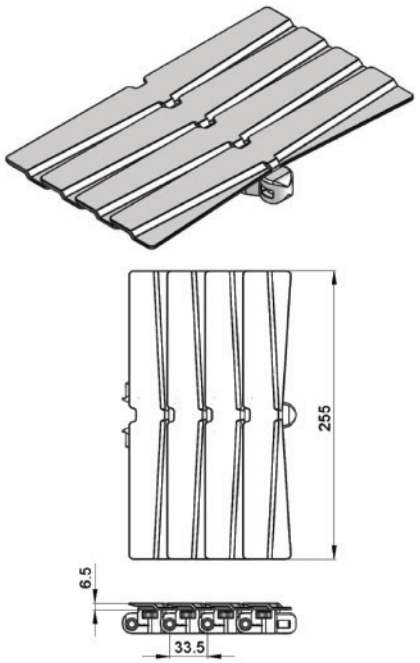



**UOM : 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

**Friction Reducing Roller Chain**
**PATENT PENDING**

### Roller Plain Chain **FVPC-5R**

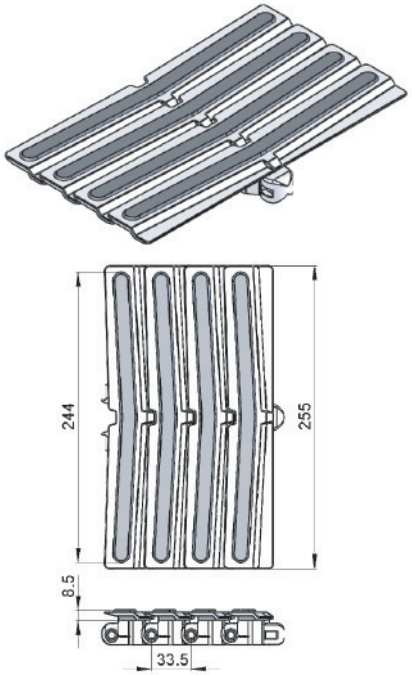



**UOM : 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

**Friction Reducing Roller Chain**
**PATENT PENDING**

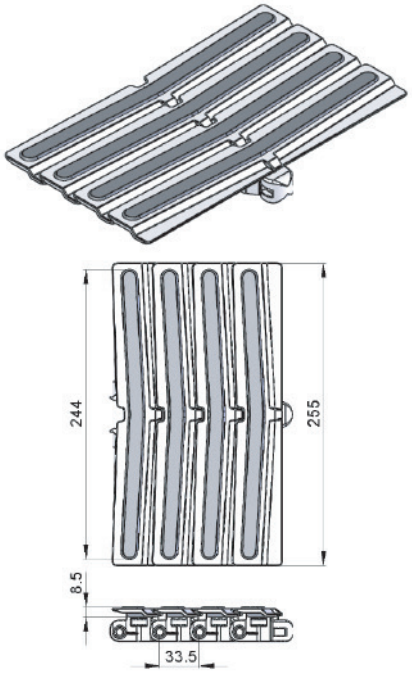
### Friction Top Chain **FVFT-5**




**UOM : 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

### Roller Friction Top Chain **FVFT-5R**



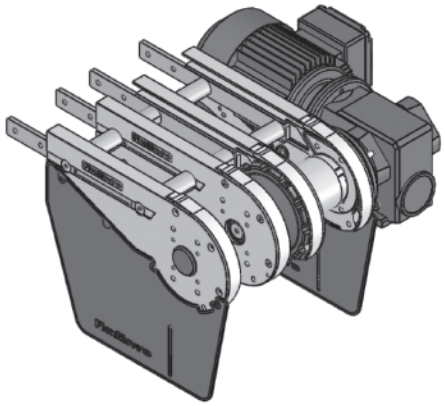

**UOM : 5 Meter / box**

Application: Suitable for horizontal and slope < 5° transport of products with accumulation.

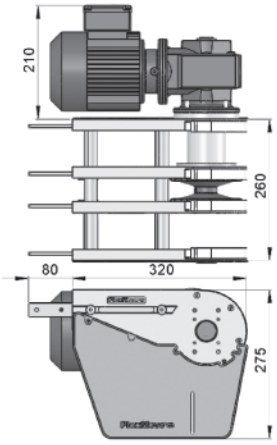
**Friction Reducing Roller Chain**
**PATENT PENDING**

## FV Direct End Drive with Motor (LEFT)

FVDD-A260-0.25L, 0.37L, 0.55L



FVDD-A260-0L

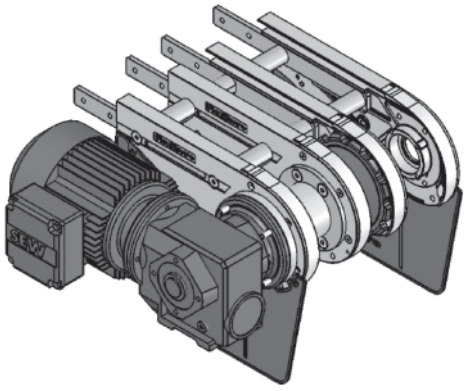



The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVDD-A260-0L represents direct drive without gear motor. Multi channel drives are available upon request.

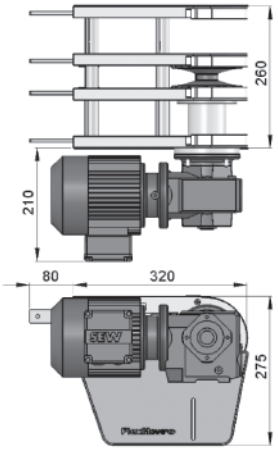
**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0 meter

## FV Direct End Drive with Motor (RIGHT)

FVDD-A260-0.25R, 0.37R, 0.55R



FVDD-A260-0R

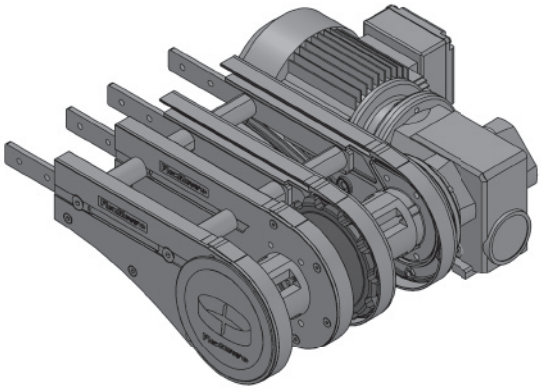



**Max Traction Force : 1250N**
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVDD-A260-0R represents direct drive without gear motor. Multi channel drives are
available upon request.

**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0 meter

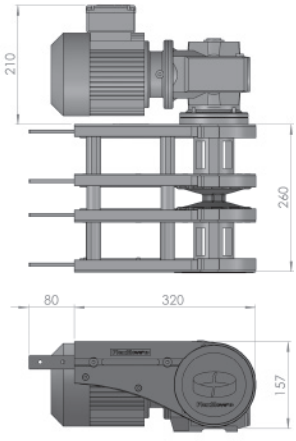
## FV Direct End Drive unit with Motor GP (LEFT)

FVDD-A260GP-0.25L, 0.37L, 0.55L



## FV Direct End Drive unit without Motor GP (LEFT)

FVDD-A260GP-0L



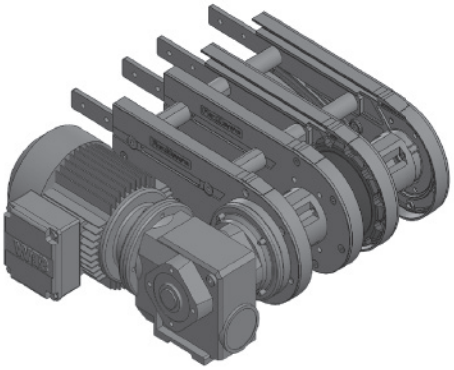

**Max Traction Force : 1250N**
The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVDD-A260GP-0L represents direct drive without gear motor.

**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0 meter

*SEW gear motors are products of SEW Eurodrive*

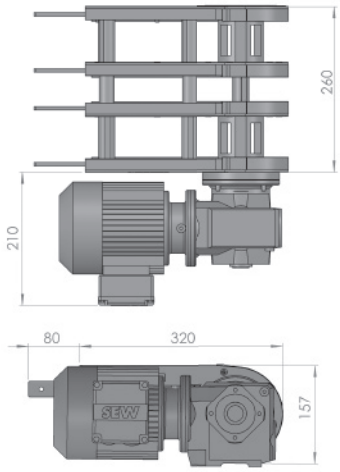
## FV Direct End Drive unit with Motor GP (RIGHT)

FVDD-A260GP-0.25R, 0.37R, 0.55R



## FV Direct End Drive unit without Motor GP (RIGHT)

FVDD-A260GP-0R




**Max Traction Force : 1250N**

The Direct End Drive Unit GP is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVDD-A260GP-0R represents direct drive without gear motor.

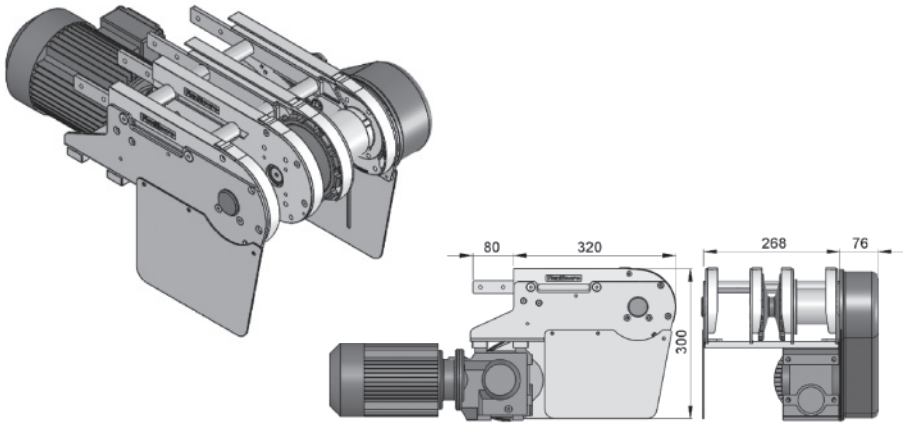
**UOM: pc**

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0 meter

## FV Suspended End Drive with Motor (LEFT)

FVSD-A260-0.25L, 0.37L, 0.55L




FVSD-A260-0L

**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVSD-A260-0L represents direct drive without gear motor. Multi channel drives are available upon request.

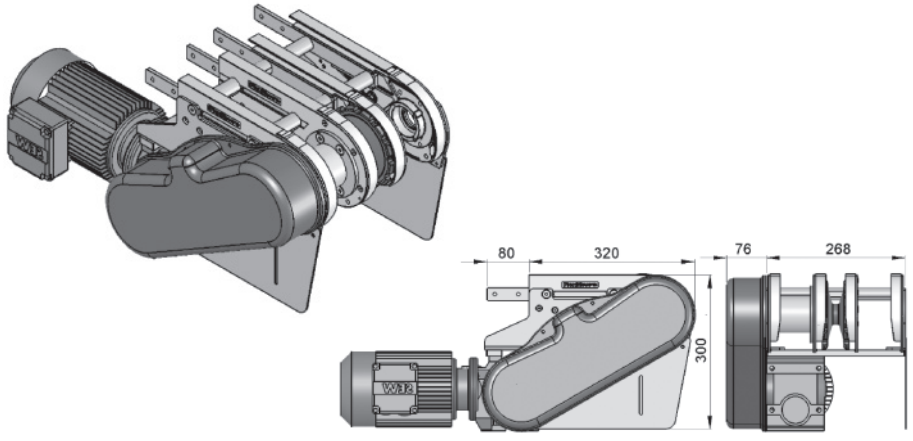
**UOM: pc**

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0 meter

## FV Suspended End Drive with Motor (RIGHT)

FVSD-A260-0.25R,0.37R, 0.55R




FVSD-A260-0R

**Max Traction Force : 1250N**

The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FVSD-A260-0R represents direct drive without gear motor. Multi channel drives are available upon request.

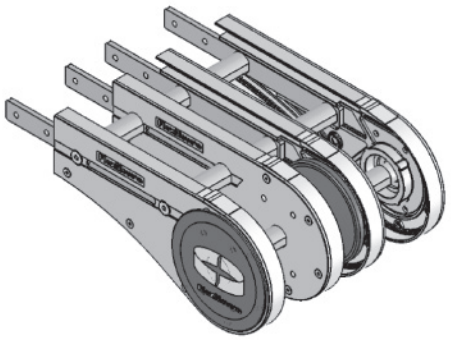
**UOM: pc**

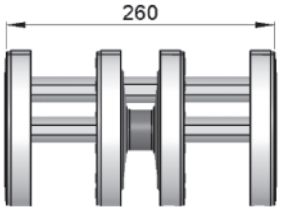
Chain required 2-way : 0.8 meter

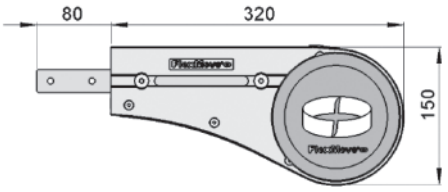
Slide rail required 2-way: 0 meter

*SEW gear motors are products of SEW Eurodrive*

## FV Idler End 260 **FVIE-A260**

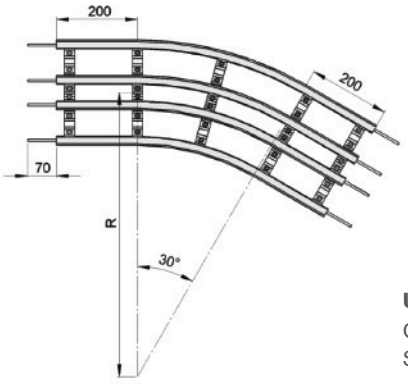





**UOM: pc**
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

## FV Horizontal Plain Bend 30°

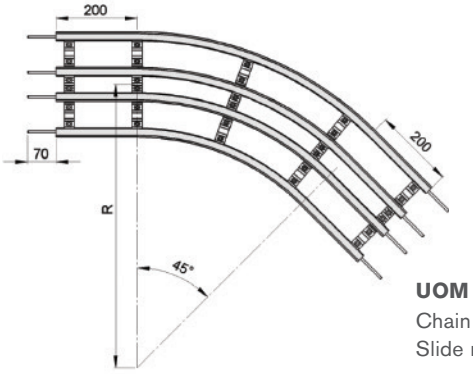



**Horizontal plain bend, 30° ± 1°**

| | |
|---|---|
| R = 700 ± 10mm | **FVHB-30R700** |
| R = 1000 ± 10mm | **FVHB-30R1000** |

**UOM : pc**
Chain required 2-way (700, 1000): 1.5, 1.8 meter
Slide rail required 2-way (700, 1000): 4.6, 5.5 meter

## FV Horizontal Plain Bend 45°

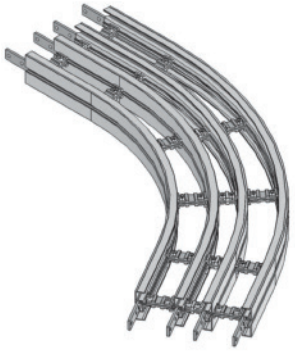


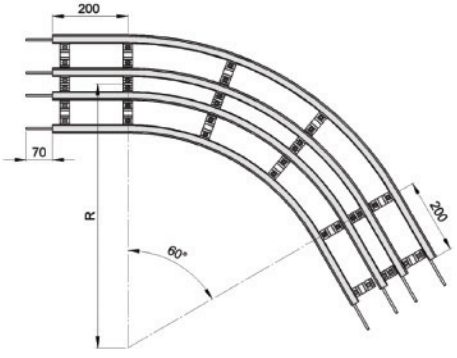

**Horizontal plain bend, 45° ± 1°**

| | |
|---|---|
| R = 700 ± 10mm | **FVHB-45R700** |
| R = 1000 ± 10mm | **FVHB-45R1000** |

**UOM : pc**
Chain required 2-way (700, 1000): 1.9, 2.4 meter
Slide rail required 2-way (700, 1000): 5.7, 7.1 meter

## FV Horizontal Plain Bend 60°



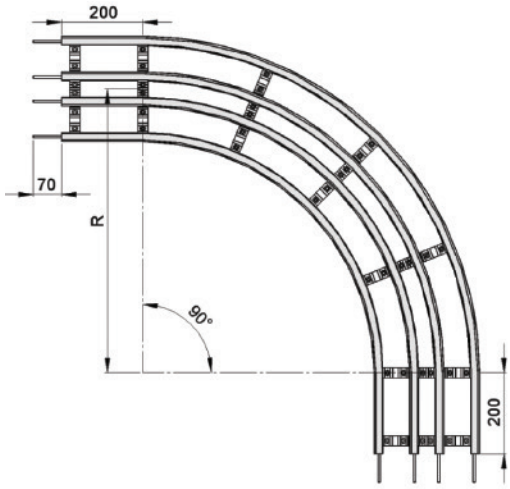



**Horizontal plain bend, 60° ± 1°**

| | |
|---|---|
| R = 700 ± 10mm | **FVHB-60R700** |
| R = 1000 ± 10mm | **FVHB-60R1000** |

**UOM : pc**
Chain required 2-way (700, 1000): 2.3, 2.9 meter
Slide rail required 2-way (700, 1000): 6.8, 8.7 meter

## FV Horizontal Plain Bend 90°



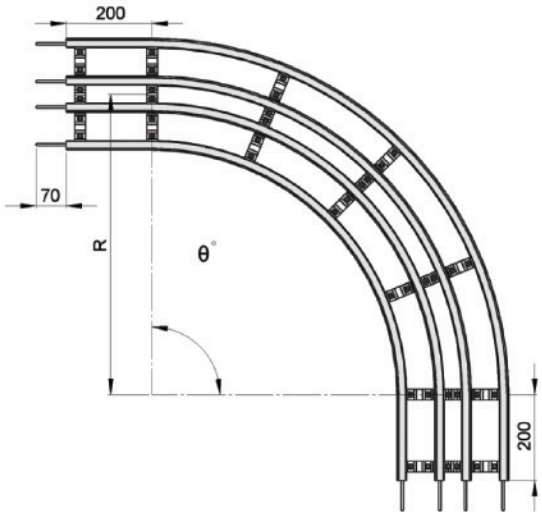

**Horizontal plain bend, 90° ± 1°**

| | |
|---|---|
| R = 700 ± 10mm | **FVHB-90R700** |
| R = 1000 ± 10mm | **FVHB-90R1000** |

**UOM : pc**

Chain required 2-way (700, 1000): 3.0, 3.9 meter
Slide rail required 2-way (700, 1000): 9.0, 11.8 meter

## FV Horizontal Plain Bend 5° - 180°




### Example for FV Horizontal Plain Bend Ordering

**Horizontal plain bend, Ø° ± 1°**

| | |
|---|---|
| R = 700 ± 10mm | **FVHB - Ø°R700** |
| R = 1000 ± 10mm | **FVHB - Ø°R1000** |

If an angle of 120° is needed for radius R700 horizontal plain bend, so the ordering part number is

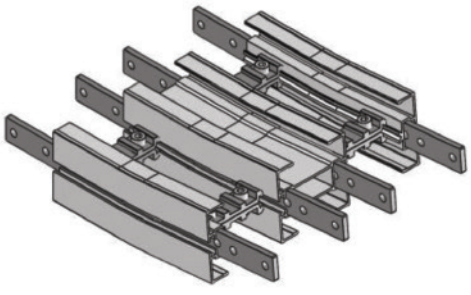
**FVHB -120R700**

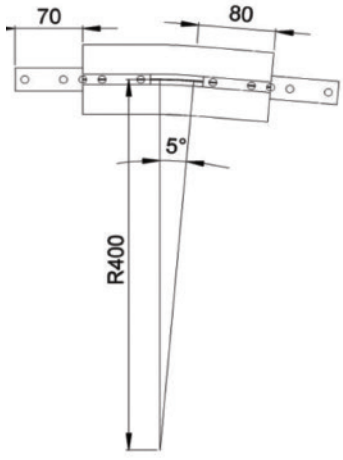
**UOM : pc**

Chain required 2-way (700, 1000): meter (variable to angle)
Slide rail required 2-way (700, 1000): meter (variable to angle)

## FV Vertical Bend 5°

FVVB-5R400

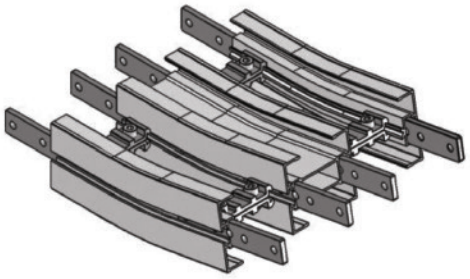


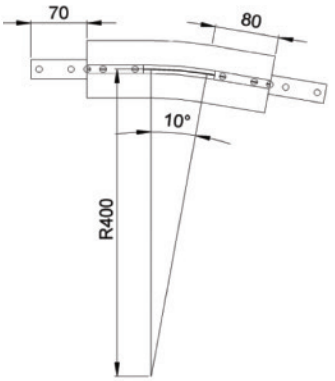



**UOM: pc**

Chain required 2-way: 0.4 meter
Slide rail required 2-way: 1.2 meter

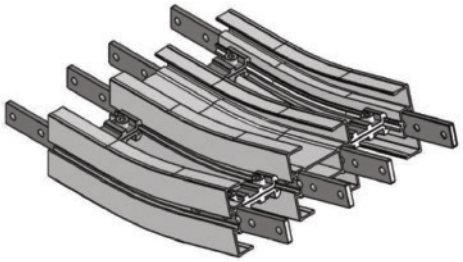
## FV Vertical Bend 10° FVVB-10R400

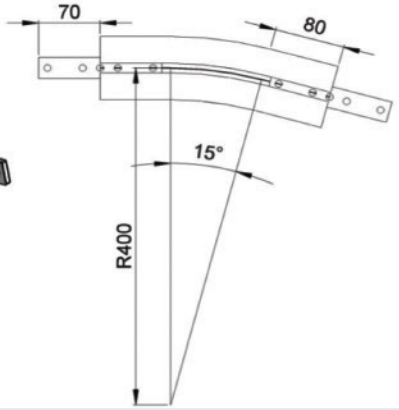





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.4 meter

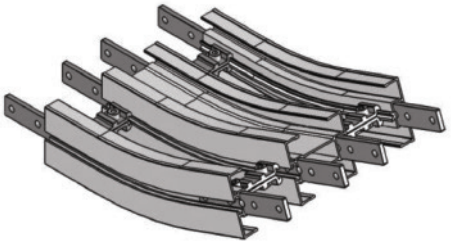
## FV Vertical Bend 15° FVVB-15R400

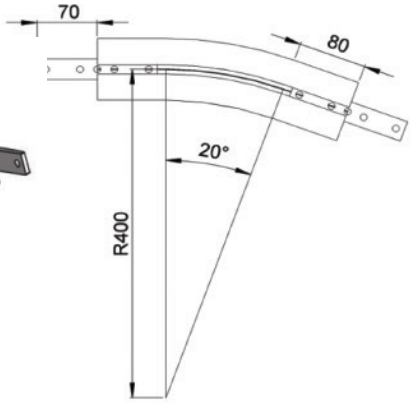





**UOM: pc**
Chain required 2-way: 0.5 meter
Slide rail required 2-way: 1.6 meter

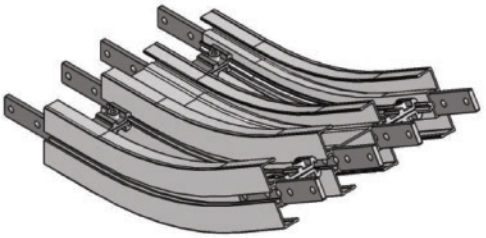
## FV Vertical Bend 20° FVVB-20R400

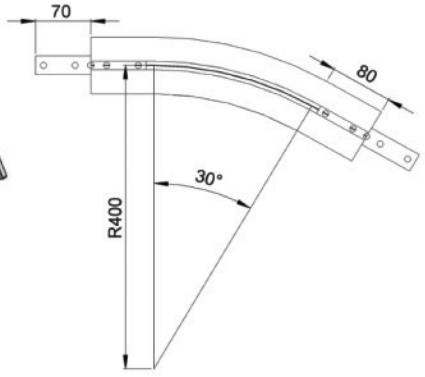





**UOM: pc**
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.8 meter

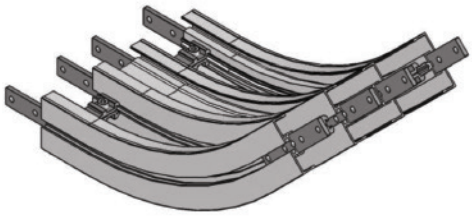
## FV Vertical Bend 30° FVVB-30R400

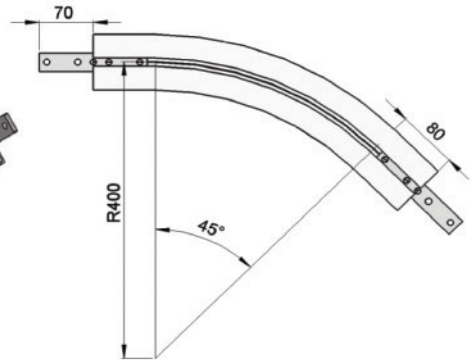





**UOM: pc**
Chain required 2-way: 0.7 meter
Slide rail required 2-way: 2.2 meter

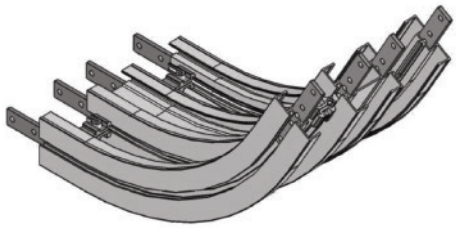
## FV Vertical Bend 45° FVVB-45R400

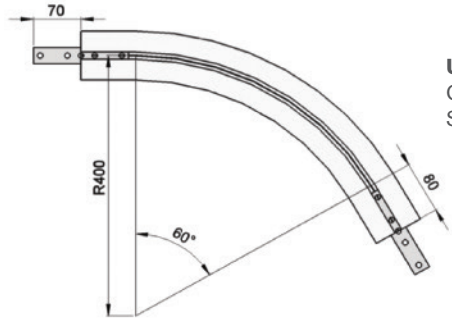





**UOM: pc**
Chain required 2-way: 0.9 meter
Slide rail required 2-way: 2.8 meter

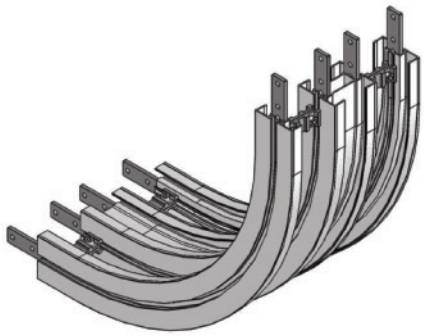
## FV Vertical Bend 60° FVVB-60R400

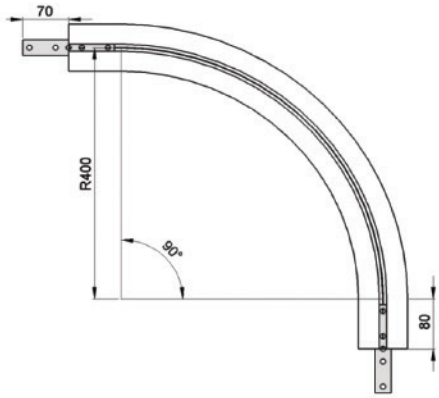





**UOM: pc**
Chain required 2-way: 1.2 meter
Slide rail required 2-way: 3.5 meter

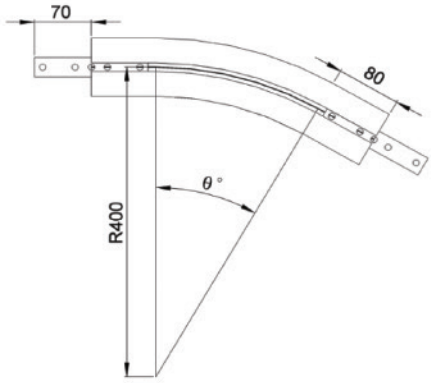
## FV Vertical Bend 90° FVVB-90R400






**UOM: pc**
Chain required 2-way: 1.6 meter
Slide rail required 2-way: 4.7 meter

## FV Vertical Bend 5°-90°




**Example for FV Vertical Bend Ordering**

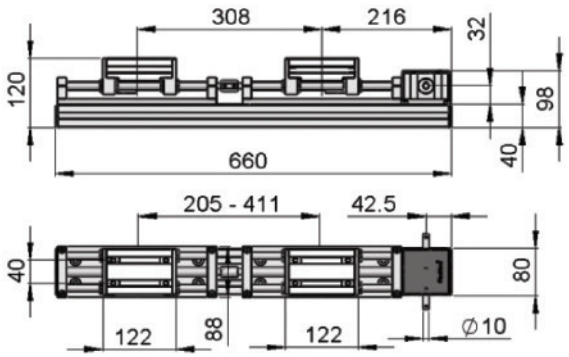
- Vertical bend, Ø° ± 1°
- FVVB-Ø°R400

If an angle of 65° is needed for vertical bend, so the ordering part number is

**FVVB-65R400**

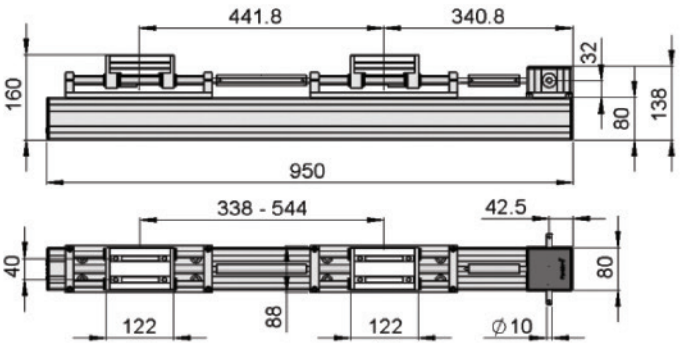
*The outer bend is assembled using connecting strip (FACS-25x140A).*
*Angle of "Ø°" must be indicated when ordering.*

## FZWA-660A Width Adjustment Actuator 660mm



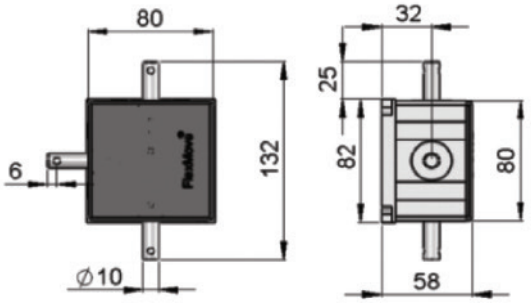

**UOM : Unit**

## FZWA-950A Width Adjustment Actuator 950mm



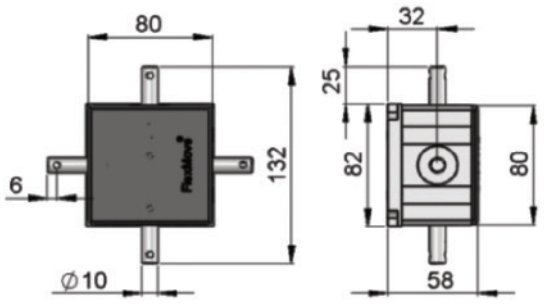

**UOM : Unit**

## FZGB-903 Angle Gear Unit-3 direction



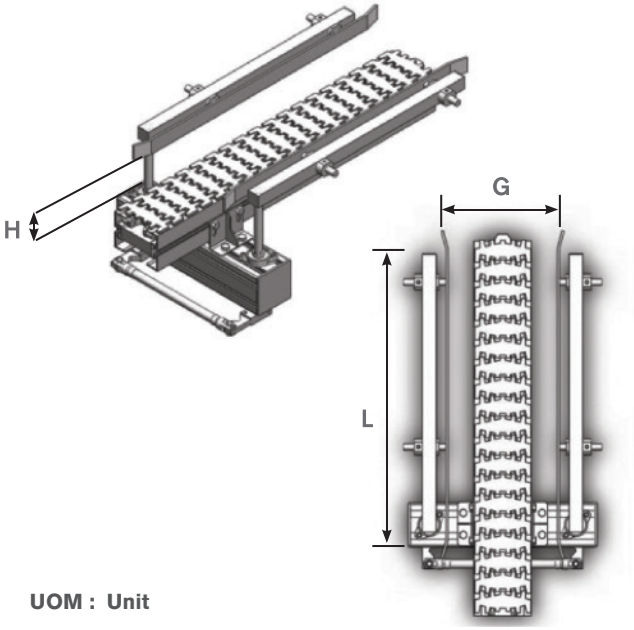

**UOM : Unit**

## FZGB-904 Angle Gear Unit – 4 direction




**UOM : Unit**

## Centering Device FZCD - L x H x G




**UOM : Unit**

**Application:** Positioning of products at center of conveyor

**Standard Arm Length (L):** 100mm, 150mm , 200mm , 250 mm

**Standard Arm Height (H):** 50mm, 100mm , 150mm

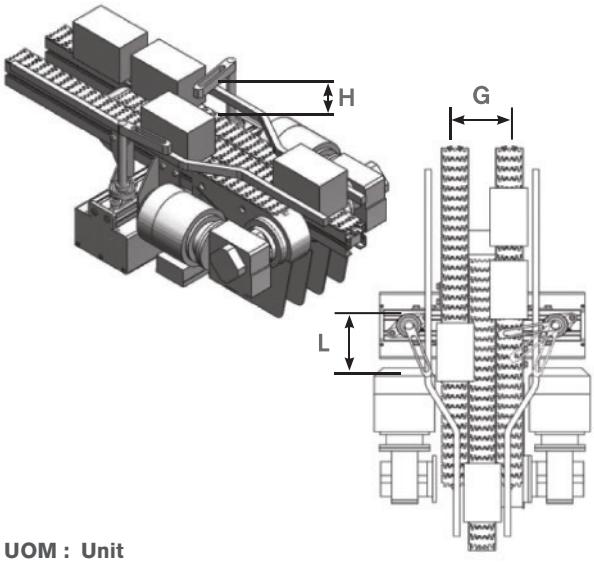
**Standard Arm Gap (G):** 140 mm (FS) , 160mm (FM) , 180mm (FC) , 225mm (FL) , 255mm (FU) , 374mm (FW)

Applicable to all FlexMove chain series.

Please specify :
1) Conveyor Series
2) Product Dimension (L x W x H) during order.

## Parallel Traffic Cop

FZPTC – L x H x G




**Application:** Product flow control / merging.

**Standard Arm Length (L):** 50 mm, 150 mm , 200 mm , 250 mm , 300 mm

**Standard Arm Height (H):** 50 mm, 100 mm , 150 mm

**Standard Arm Gap (G):** 360 mm (FS) , 420 mm (FM) , 480 mm (FC) , 615 mm ( FL) , 705 mm ( FU) , 1065 mm (FW)

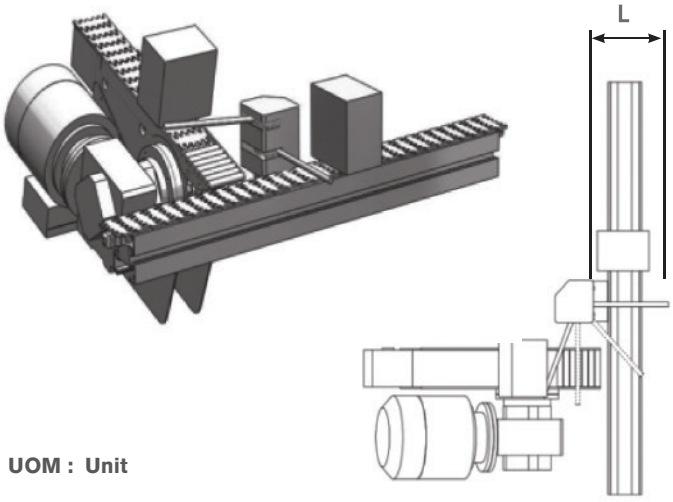
Applicable to all FlexMove chain series.

Please specify :
1) Conveyor Series
2) Product Dimension (L x W x H) during order.

**UOM : Unit**

## Angle Traffic Cop

FZATC – L x A




**Application:** Product flow control / merging.

**Standard Arm Length (L):** 100 mm, 150 mm , 200 mm , 250 mm

**Standard Arm Angle (A):** 45° , 90°

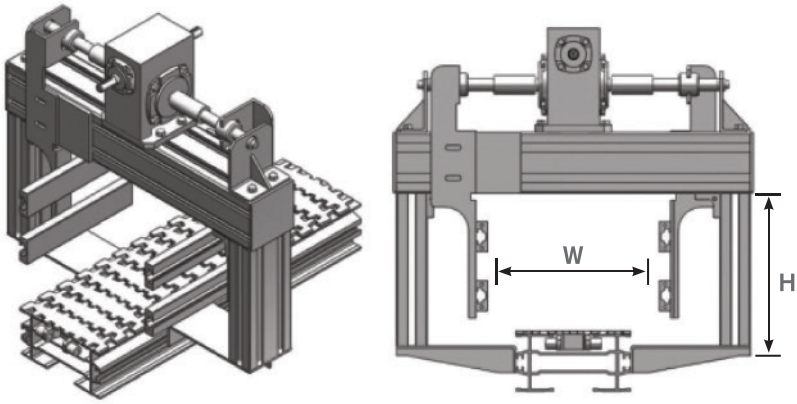
Applicable to all FlexMove chain series.

Please specify :
1) Conveyor Series
2) Product Dimension (L x W x H)
3) Diverting Angle during order.

**UOM : Unit**

## Adjustment Side Guide

FZASG – H x W




**Application:** Manual adjustable guide rail for multiple product size

**Standard Arm Height (H):** 100 mm, 150 mm , 200 mm , 250 mm

**Adjustable Width (W):** 65 mm , 85 mm , 105 mm , 150 mm , 225 mm , 300 mm

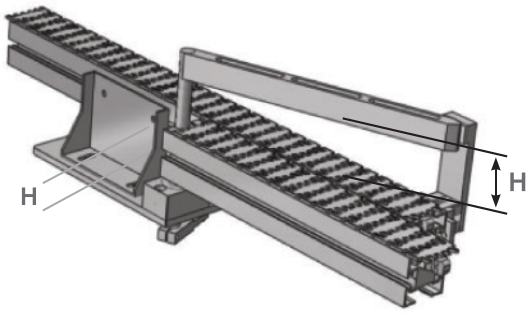
Applicable to all FlexMove chain series.

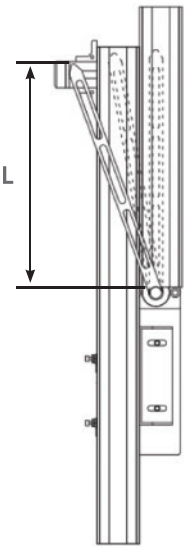
Please specify :
1) Conveyor Series
2) Product Dimension (L x W x H)

**UOM : Unit**

## Auto Diverter

FZAD – L x H x A




**Application:** Pneumatic-controlled automatic diversion of products from one track to another

**Standard Arm Length (L):** 300 mm - 700 mm

**Standard Arm Height (H):** 100 mm, 150 mm , 200 mm

**Standard Arm Angle (A):** 5° - 60°

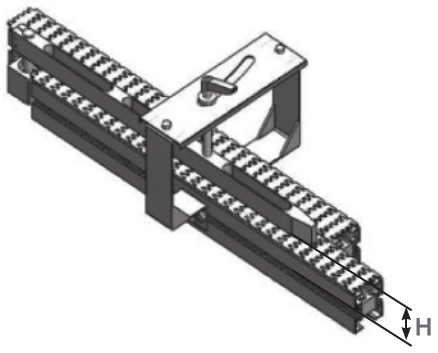
Applicable to all FlexMove chain series.

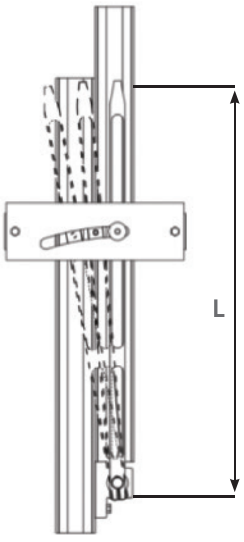
Please specify :
1) Conveyor Series
2) Product Dimension (L x W x H)
3) Diverting Angle during order.

**UOM : Unit**

## Manual Diverter

FZMD – L x H x A




**Application:** Manually-controlled diversion of products from one track to another.

**Standard Arm Length (L):** 300 mm – 700 mm

**Standard Arm Height (H):** 100 mm, 150 mm , 200 mm , 250 mm

**Standard Arm Angle (A):** 5° - 60°

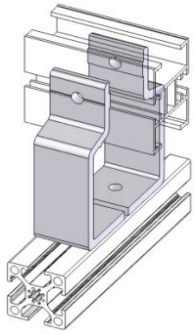
Applicable to all FlexMove chain series.

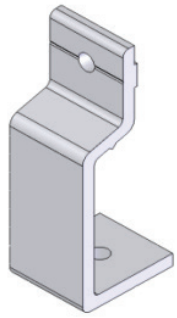
Please specify:
1) Conveyor Series
2) Product Dimension (L x W x H) during order.

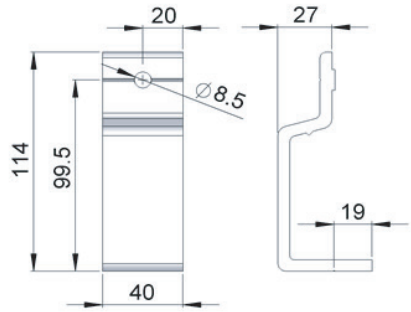
**UOM : Unit**

## FAHBS-40

Horizontal beam support bracket - Aluminum





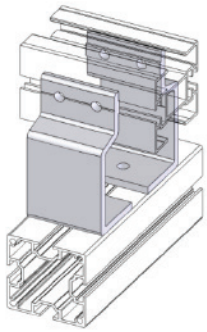


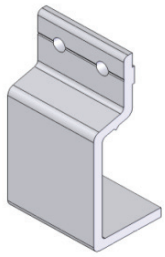

**UOM : pc**
For 40 mm horizontal crossing support beam

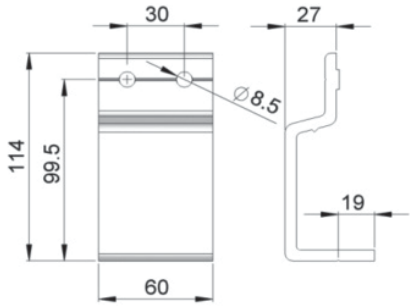
Mounting : FATB-20(1) , FALN-M8(1) , FAHB-M8 x16(1) , FASN-M8(1) , FAFW-M8 (2)

## FAHBS-60

Horizontal beam support bracket - Aluminum





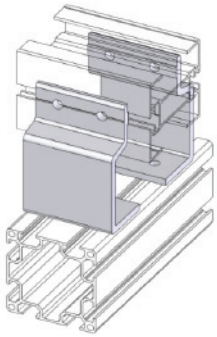


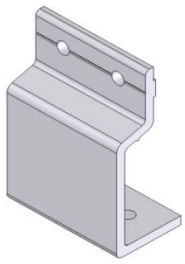

**UOM : pc**
For 64 mm horizontal crossing support beam

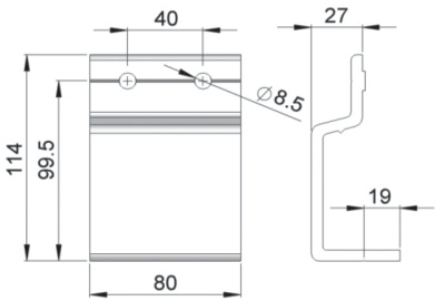
Mounting : FATB-20(2) , FALN-M8(2), FAHB-M8 x16(1) , FASN-M8(1) , FAFW-M8 (3)

## FAHBS-80

Horizontal beam support bracket - Aluminum





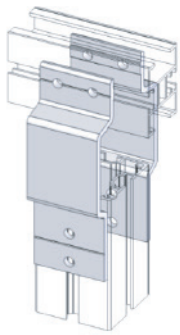


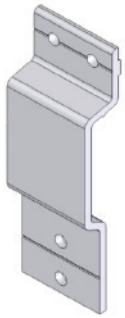

**UOM : pc**
For 80 mm horizontal crossing support beam

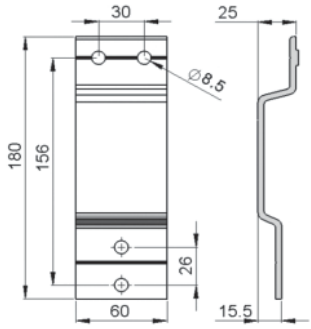
Mounting : FATB-20(2) , FALN-M8(2), FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60K

Vertical beam support bracket - Aluminum



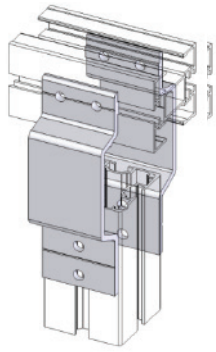


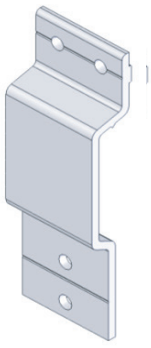


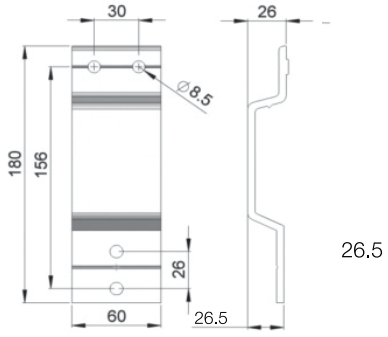

**UOM : pc**
For FK conveyor with 64 mm vertical support beam

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60S — Vertical beam support bracket - Aluminum



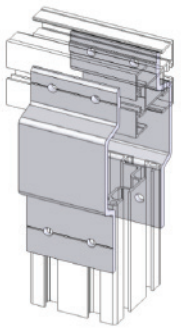


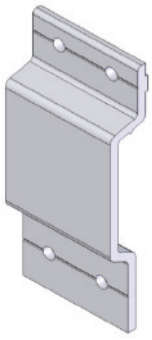


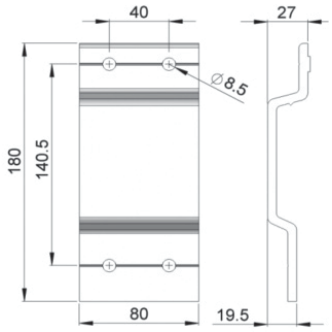

**UOM : pc**
For FS conveyor with 64 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80S — Vertical beam support bracket - Aluminum



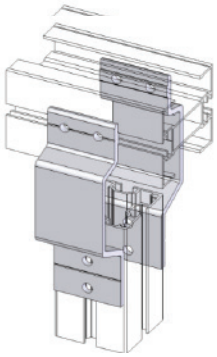


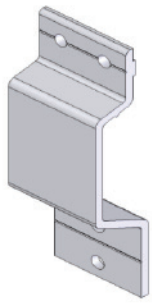


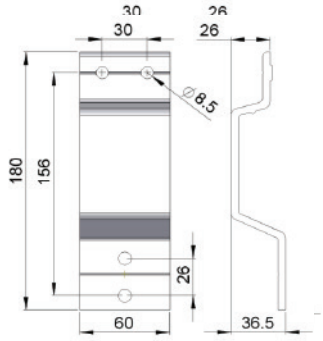

**UOM : pc**
For FS conveyor with 80 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60M — Vertical beam support bracket - Aluminum



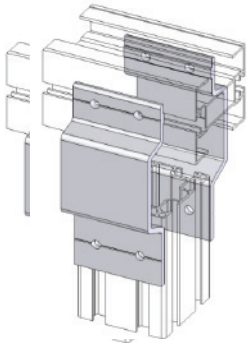


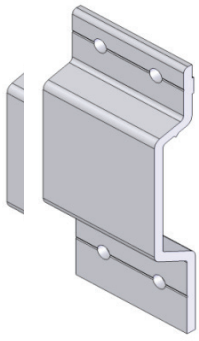


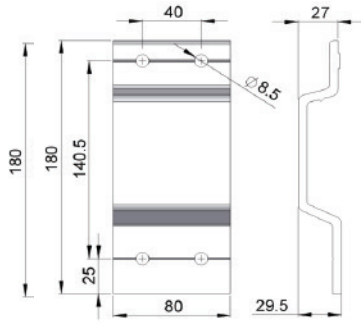

**UOM : pc**
For FM conveyor with 64 mm vertical support beam

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80M — Vertical beam support bracket - Aluminum





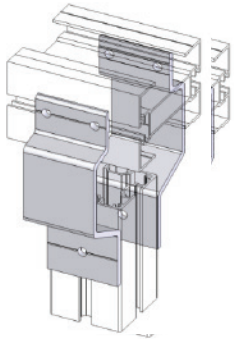


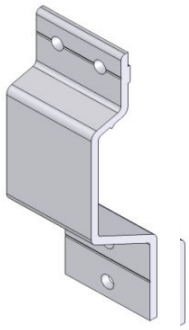

**UOM : pc**
For FM conveyor with 80 mm vertical beam support

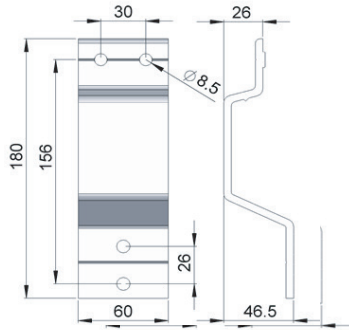
Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60C

Vertical beam support bracket - Aluminum





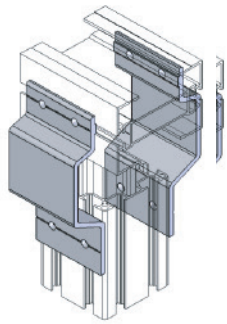


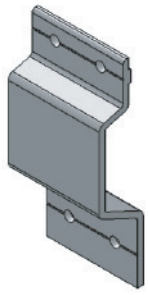

**UOM : pc**
For FC conveyor with 64 mm vertical beam support

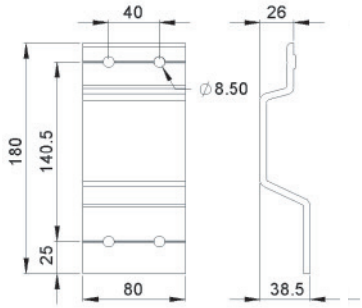
Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80C

Vertical beam support bracket - Aluminum





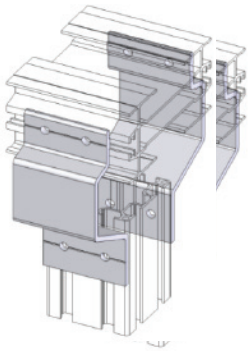


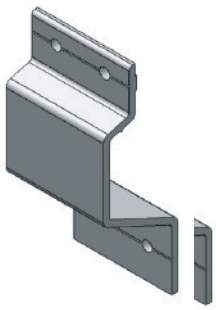

**UOM : pc**
For FC conveyor with 80 mm vertical beam support

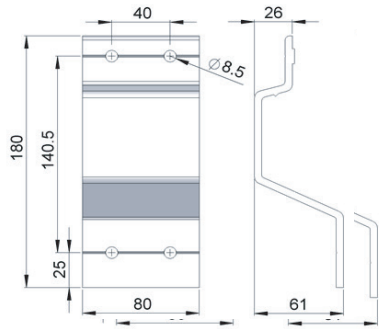
Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80L

Vertical beam support bracket - Aluminum





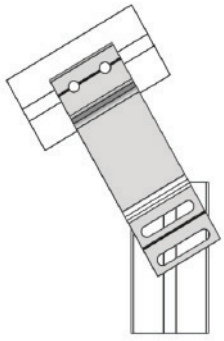


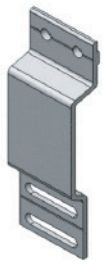

**UOM : pc**
For FL conveyor with 80 mm vertical beam support

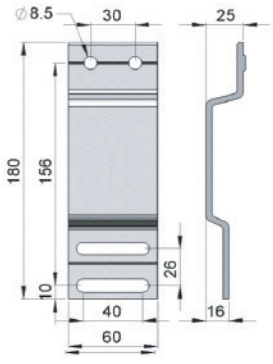
Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60KV

Vertical beam support bracket with slot - Aluminum





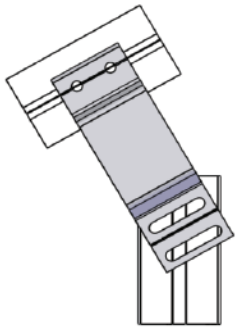


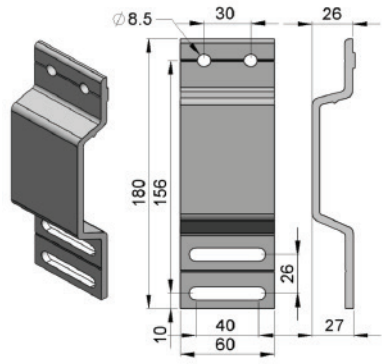

**UOM : pc**
For FK conveyor with 64 mm vertical support beam

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60SV

Vertical beam support bracket with slot - Aluminum



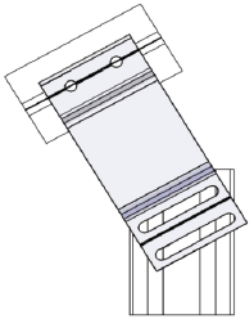


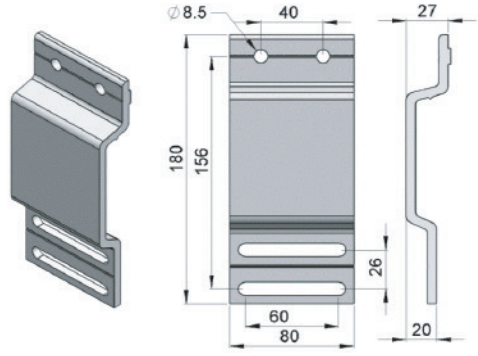

**UOM : pc**
For FS conveyor with 64 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80SV

Vertical beam support bracket with slot - Aluminum



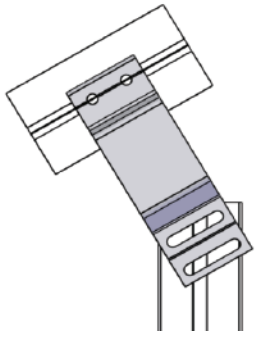


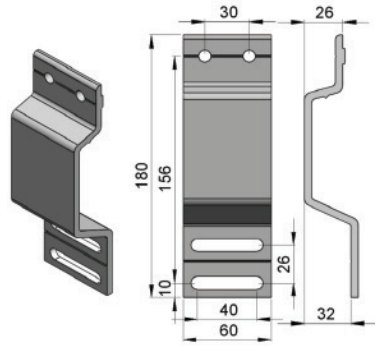

**UOM : pc**
For FS conveyor with 80 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60MV

Vertical beam support bracket with slot - Aluminum



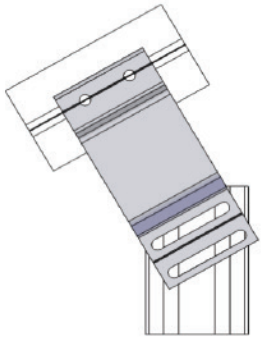


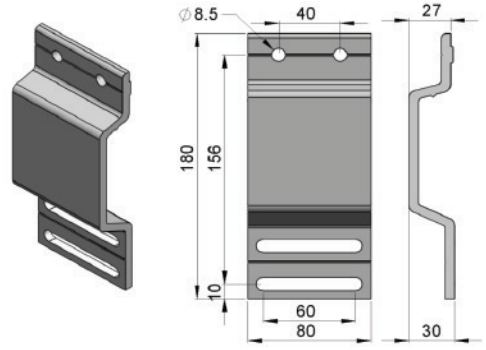

**UOM : pc**
For FM conveyor with 64 mm vertical support beam

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80MV

Vertical beam support bracket with slot - Aluminum



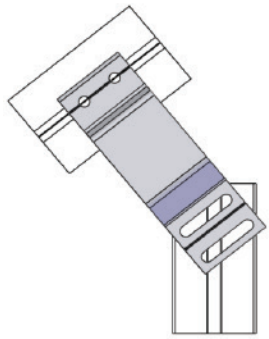


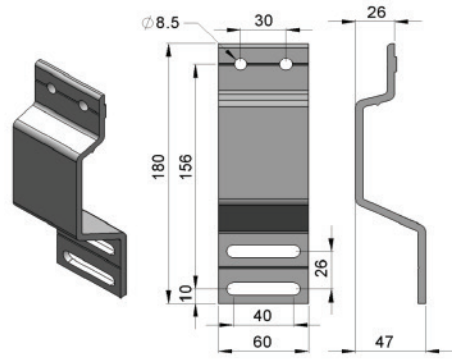

**UOM : pc**
For FM conveyor with 80 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-60CV

Vertical beam support bracket with slot - Aluminum



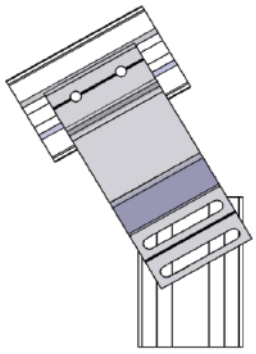


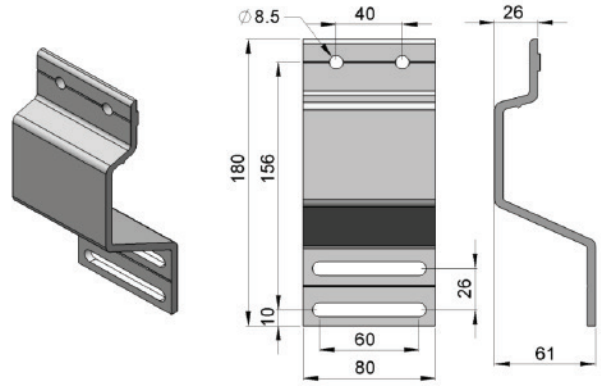

**UOM : pc**
For FC conveyor with 64 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAVBS-80LV

Vertical beam support bracket - Aluminum



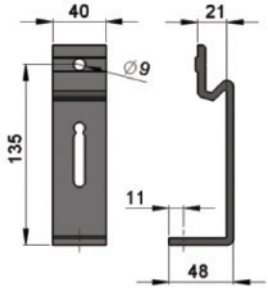


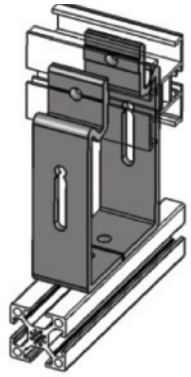

**UOM : pc**
For FL conveyor with 80 mm vertical beam support

Mounting : FATB-20(2) , FALN-M8(2) , FAHB-M8 x16(2) , FASN-M8(2) , FAFW-M8 (4)

## FAHBS-40x135

Horizontal beam support bracket - Aluminum

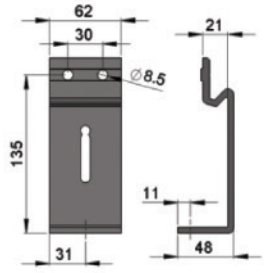


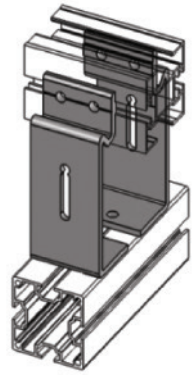



**UOM : pc**
For 40mm horizontal crossing support beam

## FAHBS-62x135

Horizontal beam support bracket - Aluminum

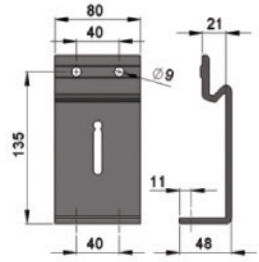


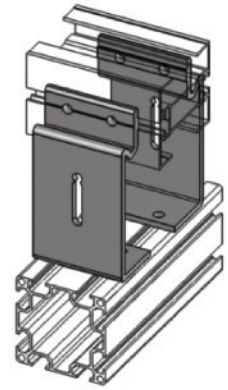



**UOM : pc**
For 64mm horizontal crossing support beam

## FAHBS-80x135

Horizontal beam support bracket - Aluminum

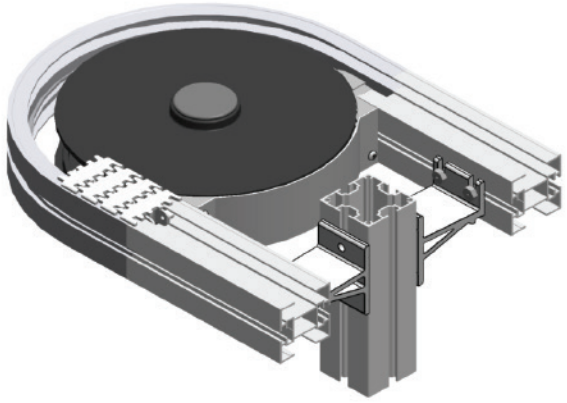


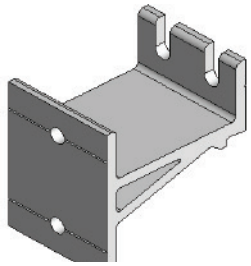



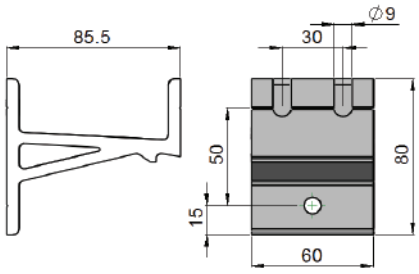
**UOM : pc**
For 80mm horizontal crossing support beam

## FAAL-64

Alpine beam support bracket - Aluminum







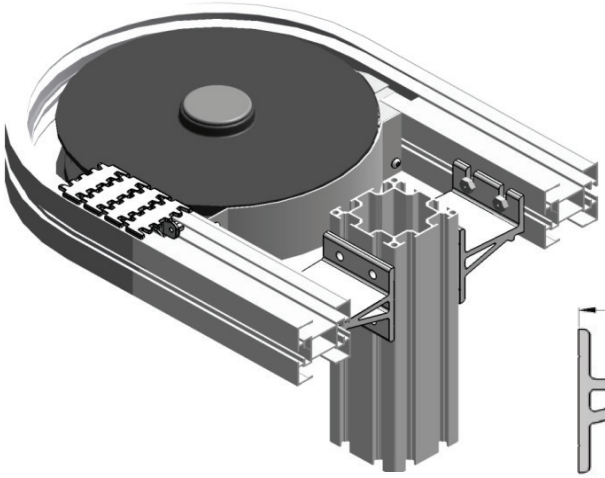

**UOM : pc**

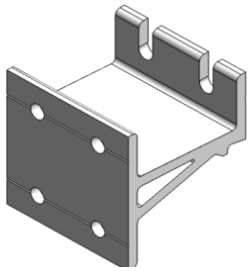
For support of 180° wheel bend with 64 mm vertical beam support

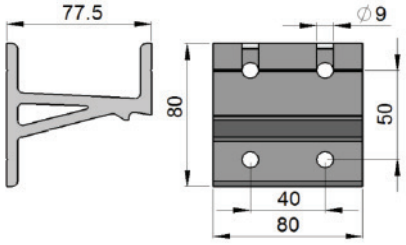
Mounting : FAHB-M8 x16(4) , FASN-M8(4) , FAFW-M8 (4)

## FAAL-80

Alpine beam support bracket - Aluminum





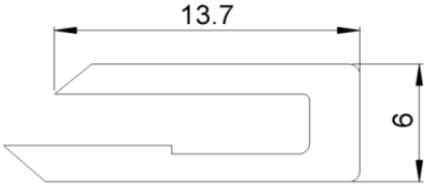


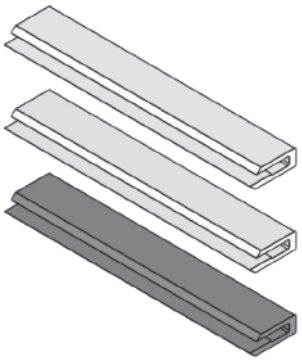

**UOM : pc**

For support of 180° wheel bend with 80 mm vertical beam support

Mounting : FAHB-M8 x16(6) , FASN-M8(6) , FAFW-M8 (6)

| | | |
|---|---|---|
| FASR-25 | HDPE slide rail - White | *"Normal Application"* |
| FASR-25U | UHMW-PE slide rail - White | *"Low Friction , suitable for accumulation"* |
| FASR-25X | Special PE slide rail - Blue | *"Lowest Friction , suitable for accumulation"* |
| FASR-25T | PAPE slide rail - Grey | *" High abrasive and High load "* |
| FASR-25CD | Conductive slide rail - Black | *" Static conductive "* |
| FASR-25P | PVDF slide rail - White | *"For Abrasive application"* |

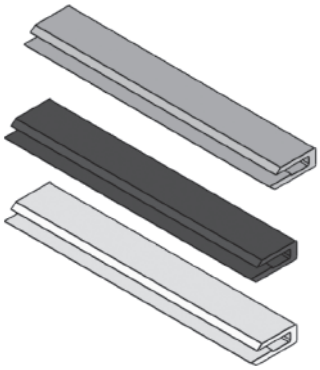


FASR-25

FASR-25U

FASR-25X



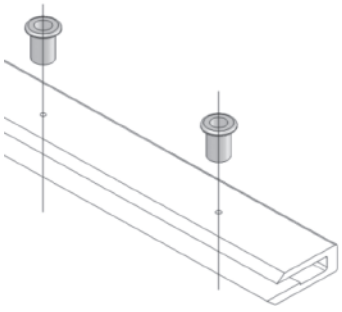
FASR-25T

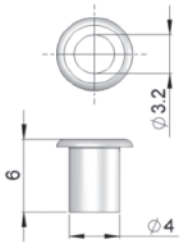
FASR-25CD

FASR-25P

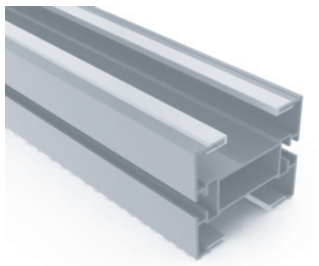
**UOM : 25meter / roll**

## FASLR-4x6 Aluminum rivet for slide Rail

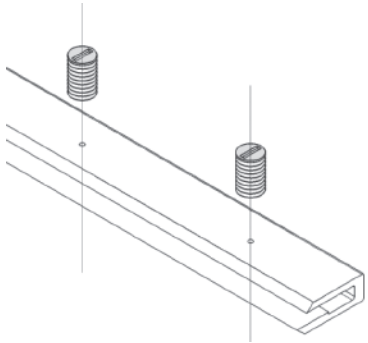


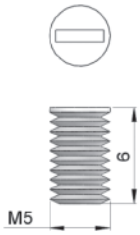



**UOM : 50pcs / pk**

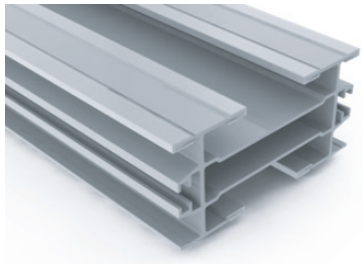


## FASLS-M5 Nylon Set screw for slide rail



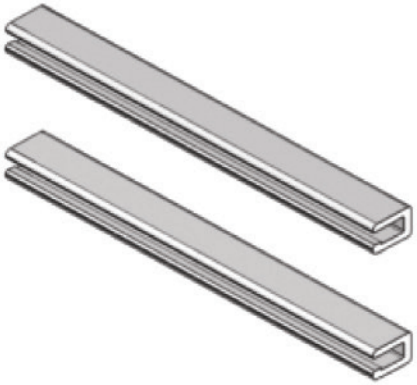



**UOM : 50pcs / pk**



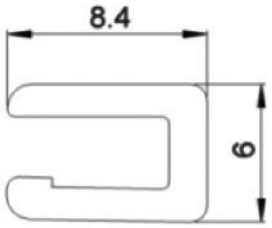
## FASR-25KU — UHMW-PE slide rail

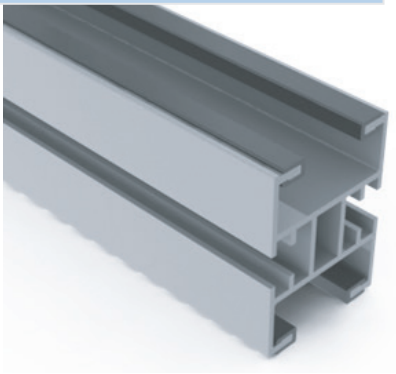
## FASR-25K — HDPE slide rail



FASR-25KU

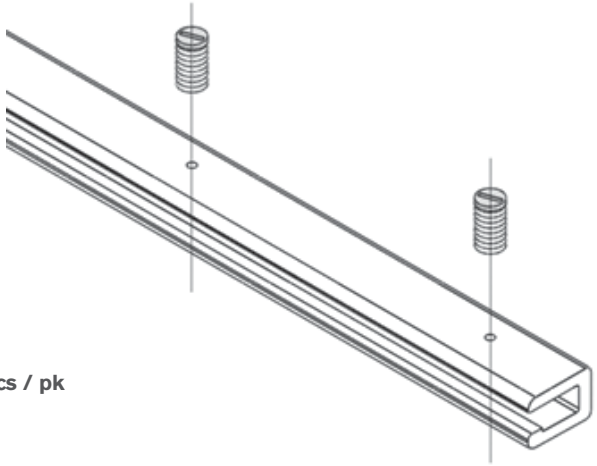
FASR-25K

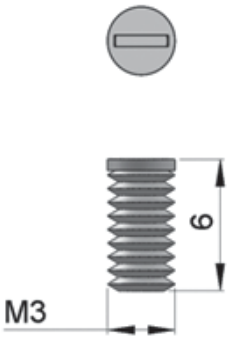


**UOM : 25meter / roll**

## FASLS-M3 — Nylon Set screw for slide rail

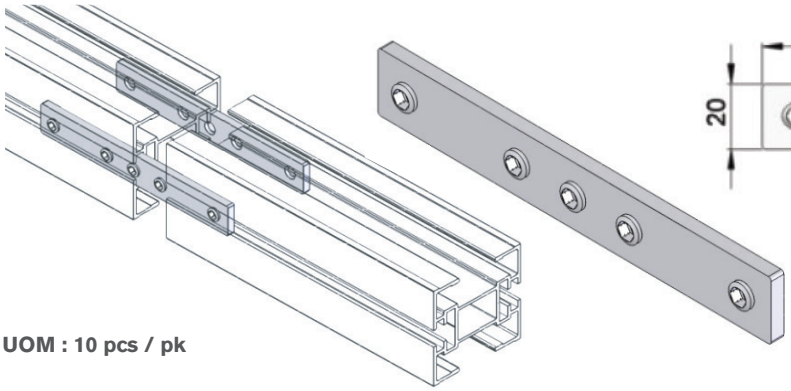


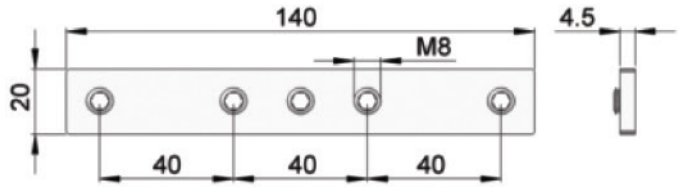



**UOM : 50pcs / pk**

## FACS-20x140

Connecting strip – Steel, electro zinc plated

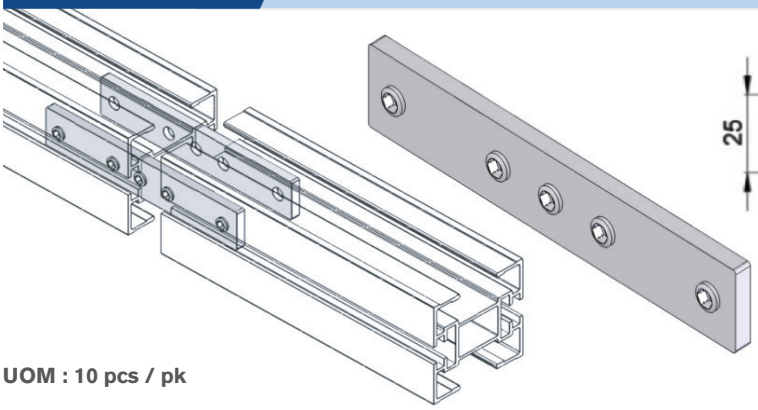


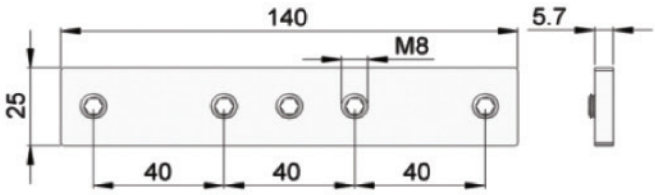



**UOM : 10 pcs / pk**

## FACS-25x140A

Connecting strip – Steel, electro zinc plated

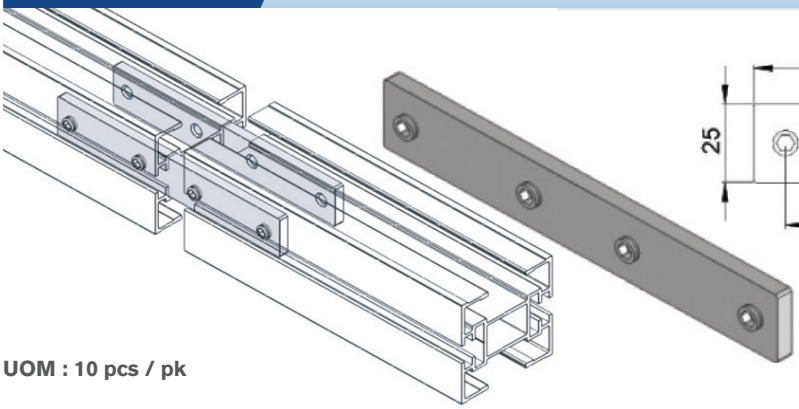


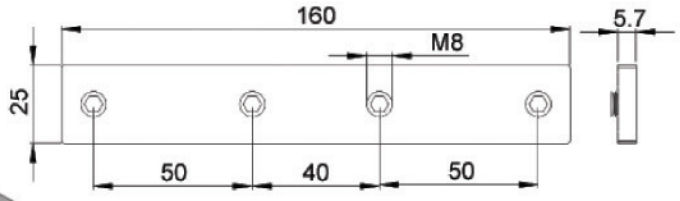



**UOM : 10 pcs / pk**

## FACS-25x160

Connecting strip – Steel, electro zinc plated

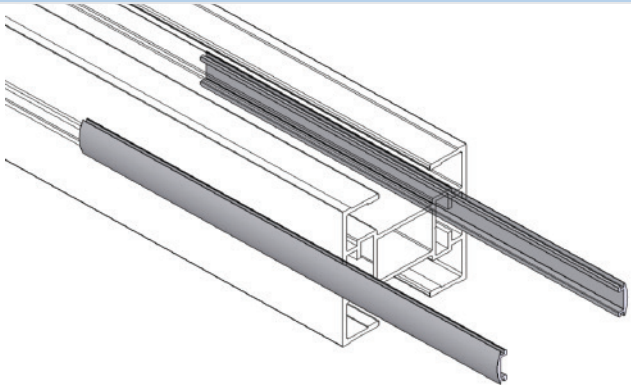


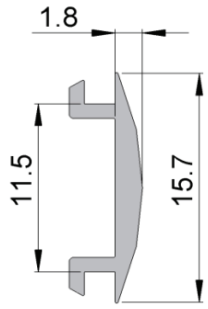



**UOM : 10 pcs / pk**

## FASC-25

T-Slot Cover – Soft PVC ( 25 meter / Roll )

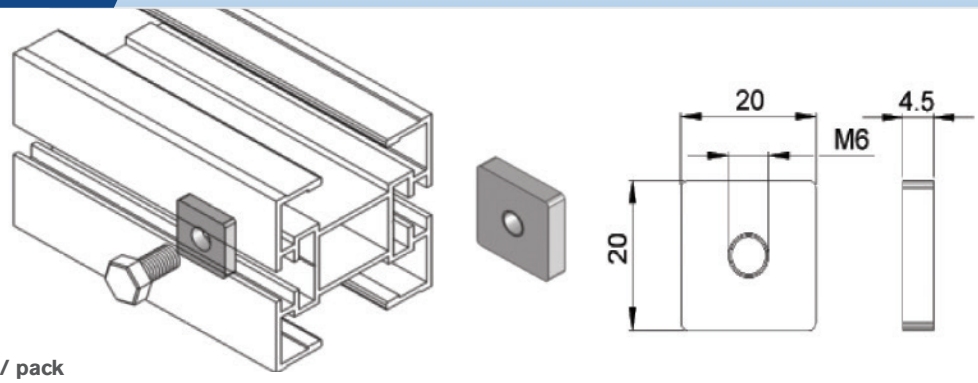





**UOM : 25 meter / roll**

## FASN-M6

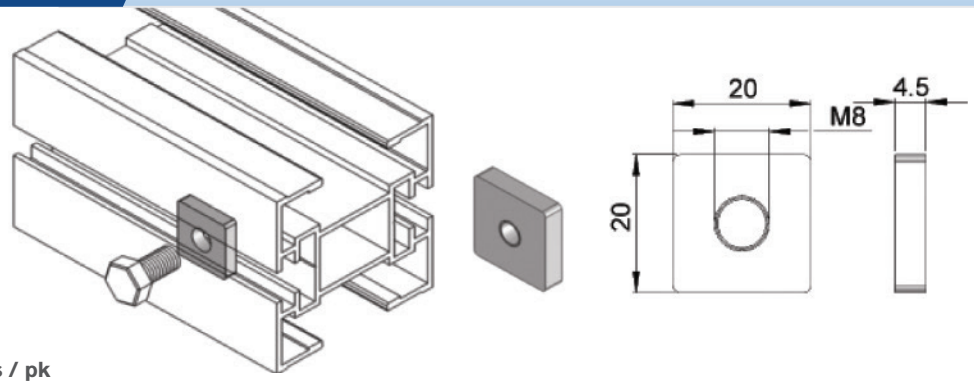
M6 Square Nut for Outer Slot – Steel, electro zinc plated




**UOM : 50 pcs / pack**

## FASN-M8

M8 Square Nut for Inner Slot- Steel, electro zinc plated




**UOM : 50 pcs / pk**

## FATB-20

T-bolt, L = 20 – Steel, zinc plated

## FATB-35

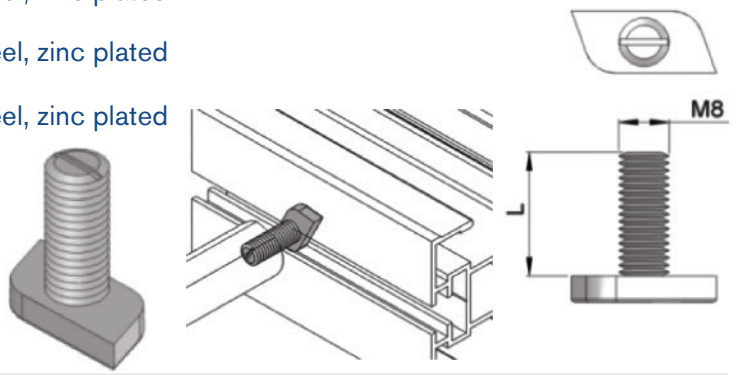
T-bolt, L = 35 – Steel, zinc plated

## FATB-53

T-bolt, L = 53 – Steel, zinc plated

## FATB-71

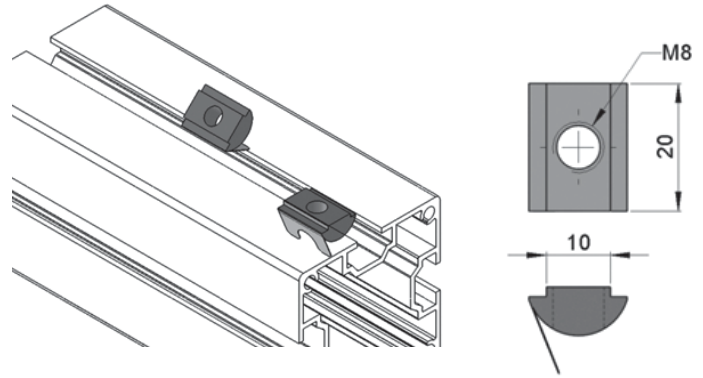
T-bolt, L = 71 – Steel, zinc plated




**UOM : 50 pcs / pk**

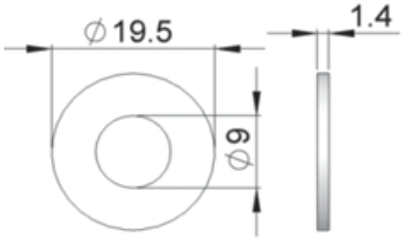
## FASL-M8

Spring Leaf Nut M8 for 40x40, 64x64 , 40x80, 80x80 Support Beam - Steel, zinc plated



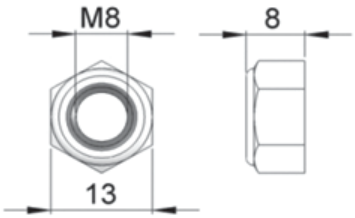

**UOM : 50 pcs / pk**

## FAFW-M8 — M8 Flat washer- Steel, zinc plated




**UOM : 50 pcs / pk**

## FALN-M8 — M8 Lock Nut- Steel, zinc plated



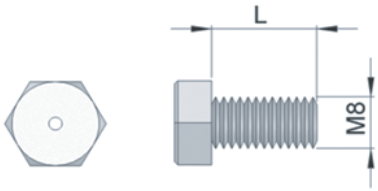

**UOM : 50 pcs / pk**

## FAHB- M8 x 16 — M8 Flat washer- Steel, zinc plated

## FAHB-M8 x 20

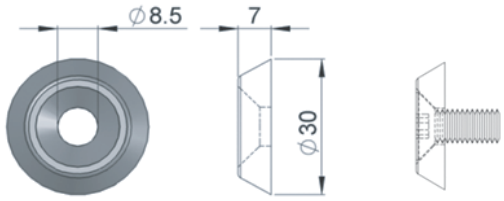
Hex bolt, L = 16 – Steel, zinc plated

Hex bolt, L = 20 – Steel, zinc plated



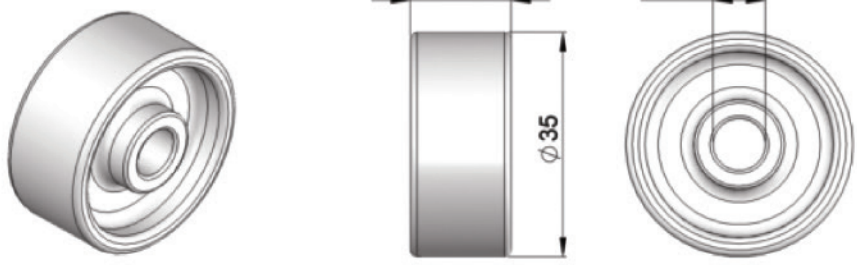

**UOM : 50 pcs / pk**

## FACW-M8 — Countersunk washer - POM



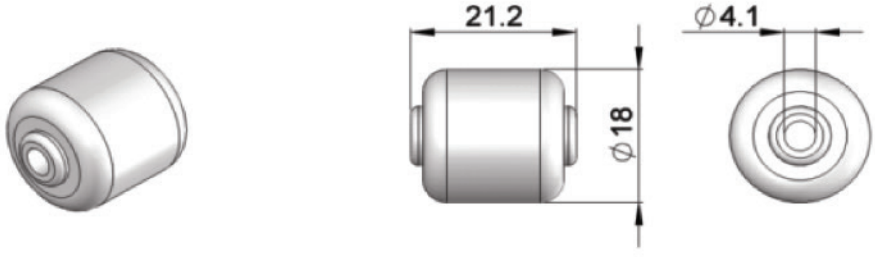

**UOM : 50 pcs / pk**

## FAFR-35 — Free roller – POM



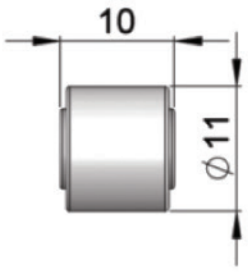

**UOM : 10 pcs / pk**

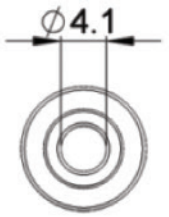
## FAFR-18 — Free roller – POM




**UOM : 10 pcs / pk**

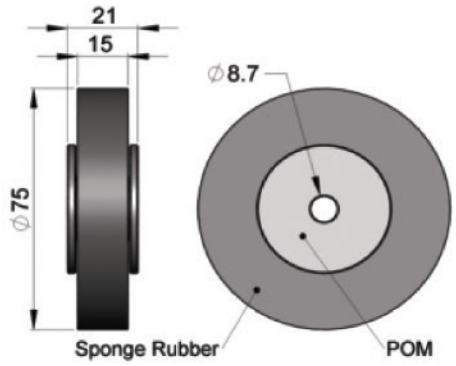
## FAFR-11 Free roller - POM



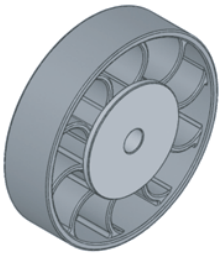

**UOM : 10 pcs / pk**

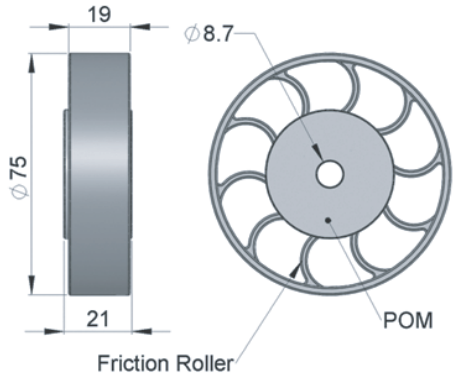
## FASR-75x15 Sponge roller, Sponge rubber




**UOM : 10 pcs / pk**

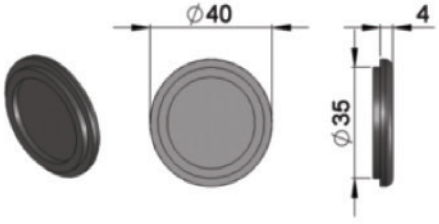
## FASR-75x19P PVC Roller c/w POM core & Screw





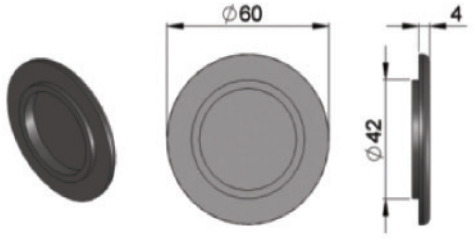

**UOM : 10 pcs / pk**

## FAEC-DH End cap for drive shaft - Polyamide



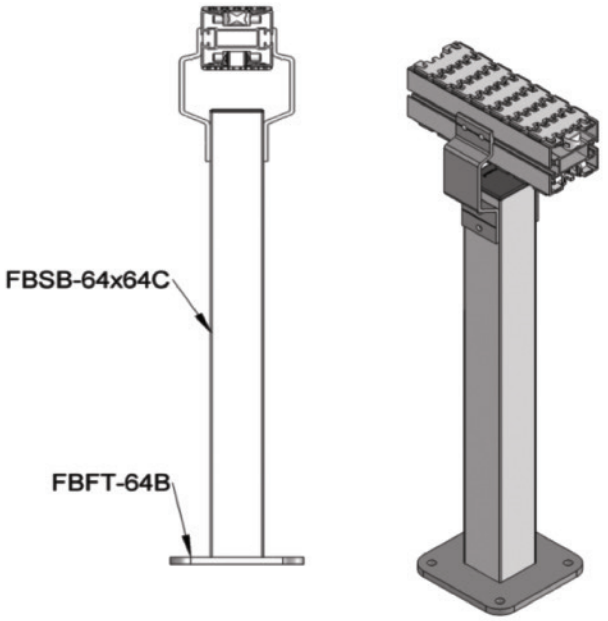

**UOM : 10 pcs / pk**

## FAEC-WH End cap for wheel – Polyamide

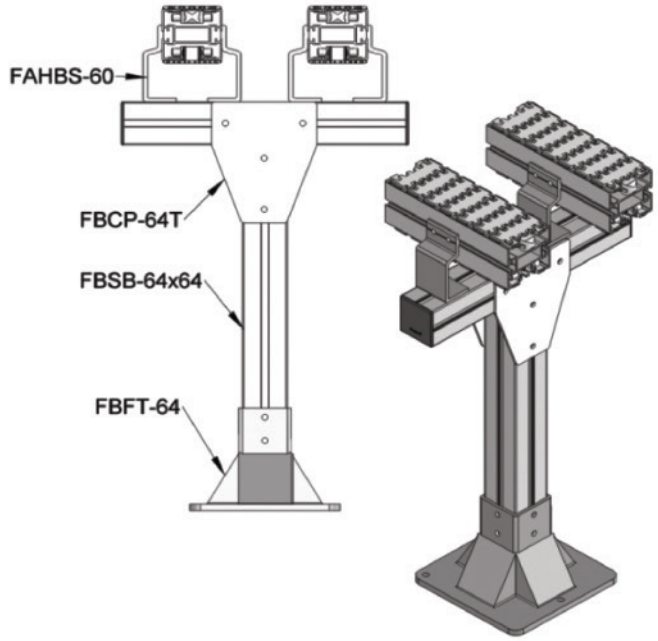



**UOM : 10 pcs / pk**

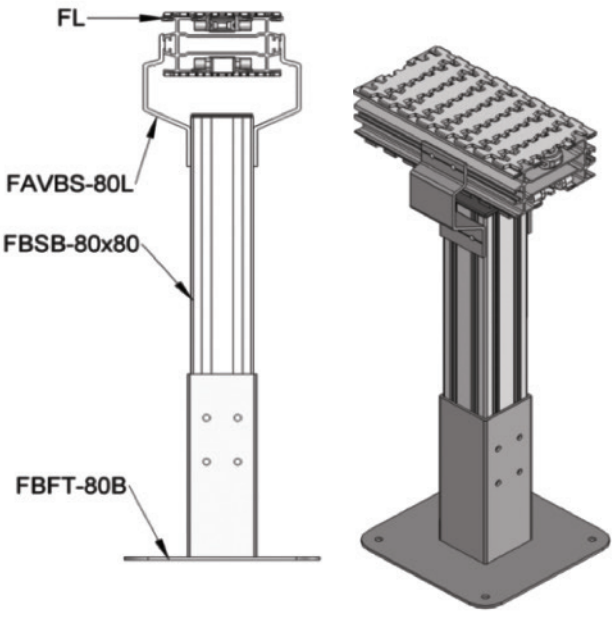
## Single Support Structure with enclosure beam
**FK, FS, FM, FC**



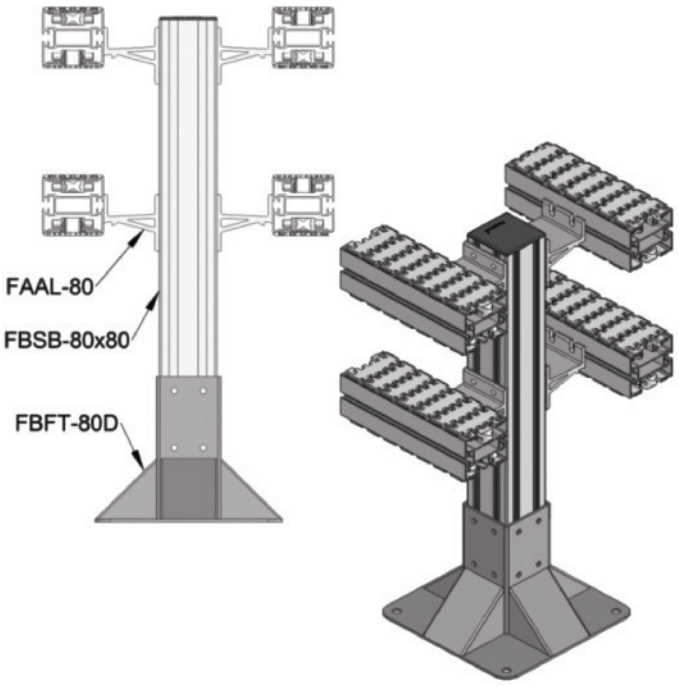

## Double Lane Support Structure
**FK, FS, FM, FC, FL**



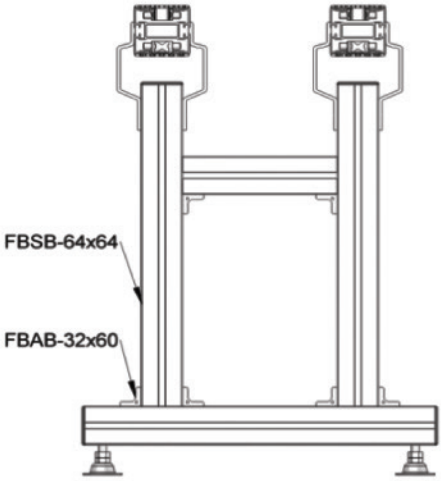

## Single Support Structure
**FL**

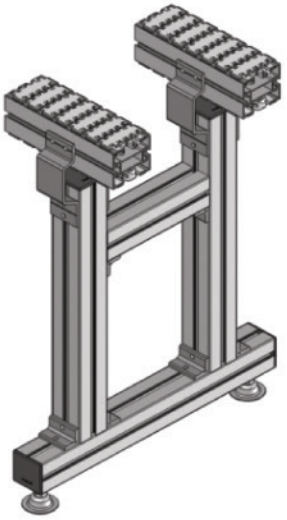



## Alpine Support Structure
**FK, FS, FM, FC, FL**

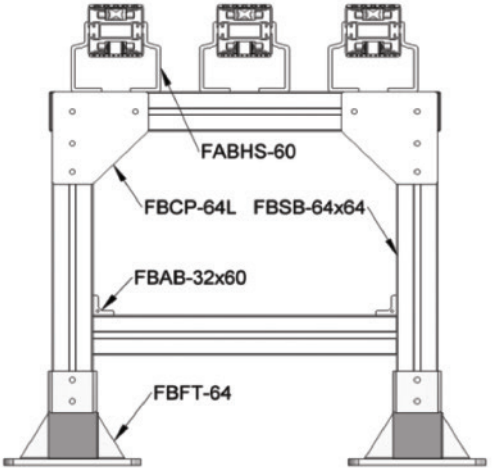


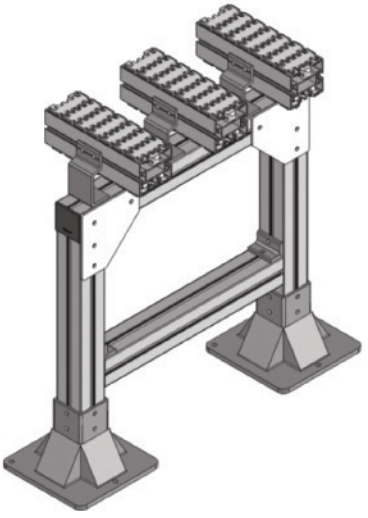
## Double Support Structure **FK, FS, FM, FC**



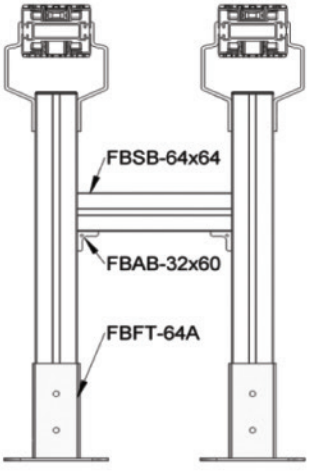



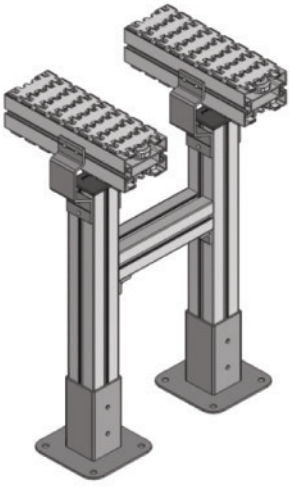
## Multi Lane Support Structure **FK, FS, FM, FC, FL**



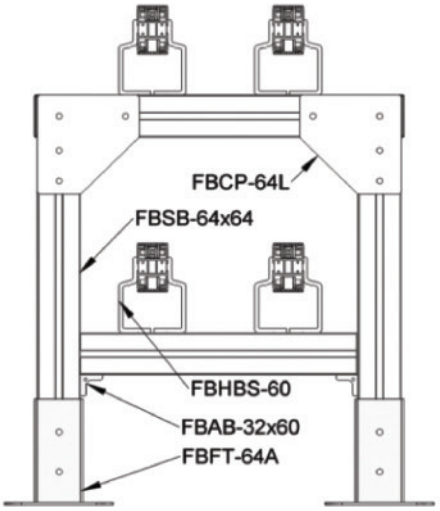



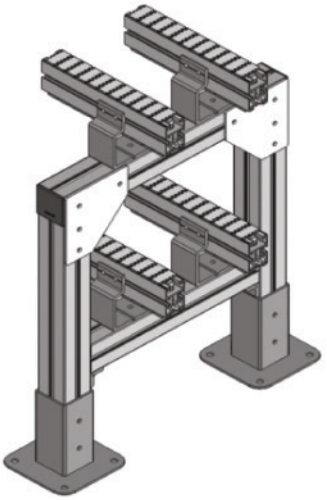
## Double Support Structure **FK, FS, FM, FC**



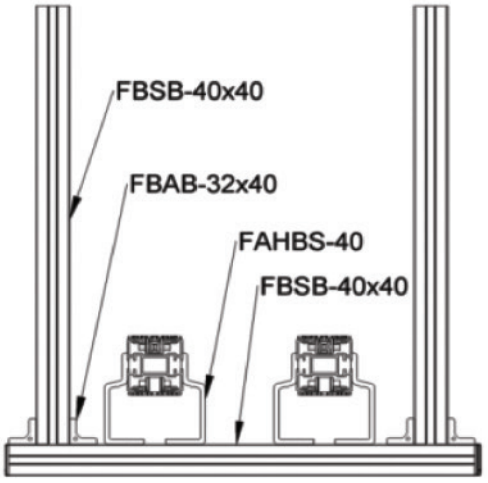



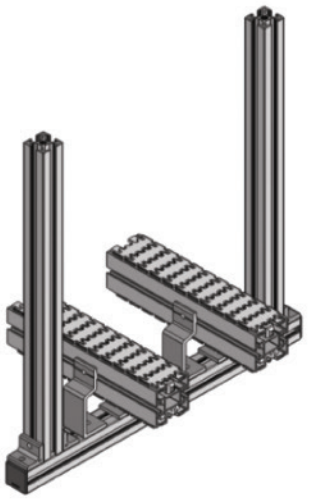
## Multi Lane Double Layer Support Structure **FK, FS, FM, FC, FL**



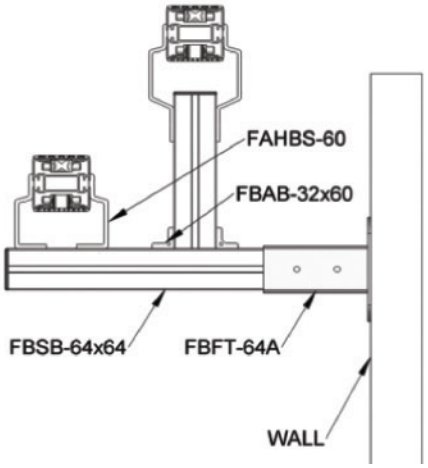



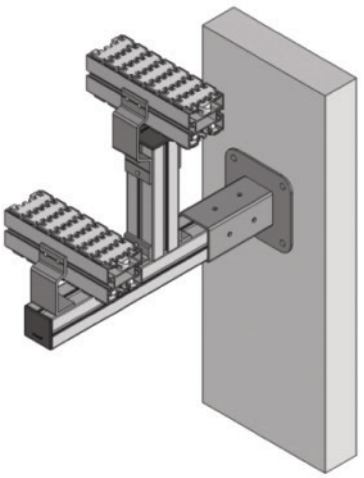
## Ceiling Hanger Support Structure **FK, FS, FM, FC, FL**



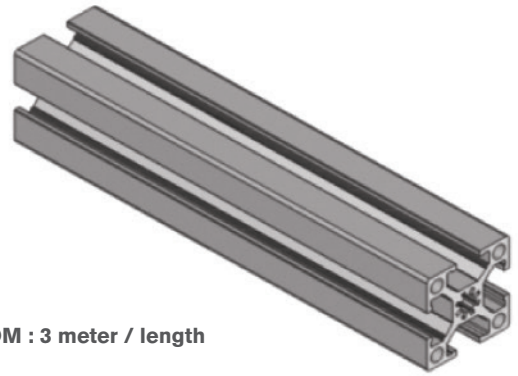



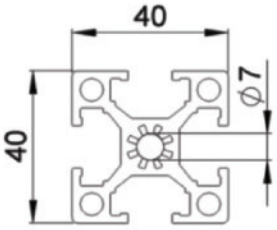
## Wall Mount Support Structure **FK, FS, FM, FC**



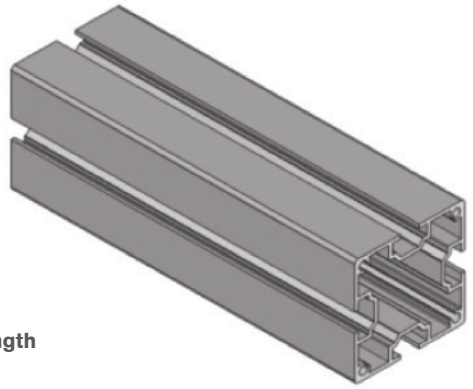
## FBSB-40x40 Support Beam 40x40 – Aluminum Anodized

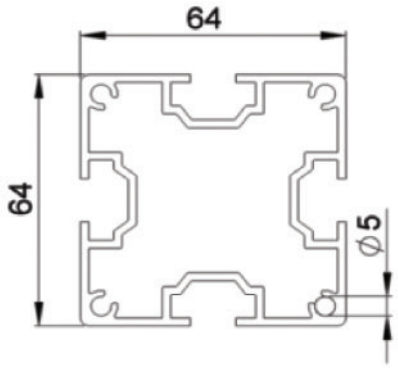





**UOM : 3 meter / length**

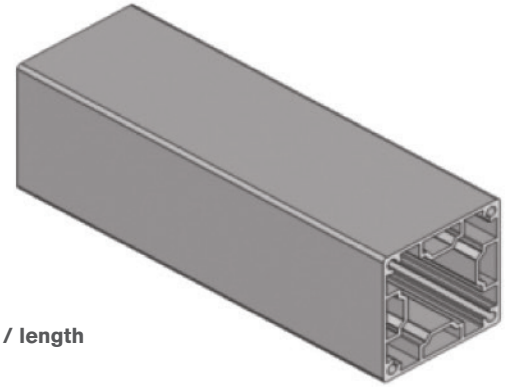
## FBSB-64x64 Support Beam 64x64 – Aluminum Anodized

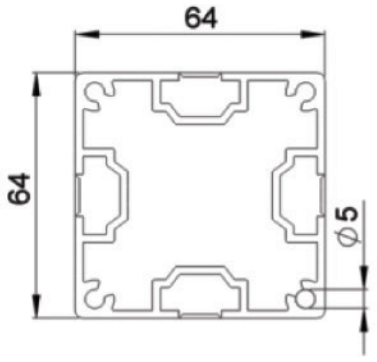





**UOM : 3 meter / length**

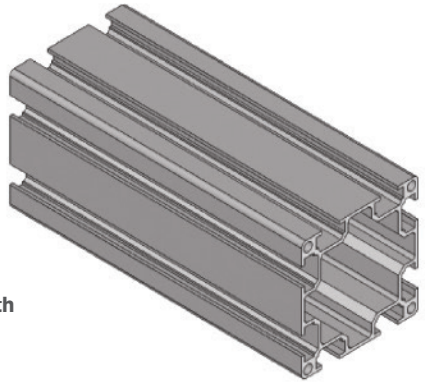
## FBSB-64x64C Close slot Support Beam – Aluminum Anodized

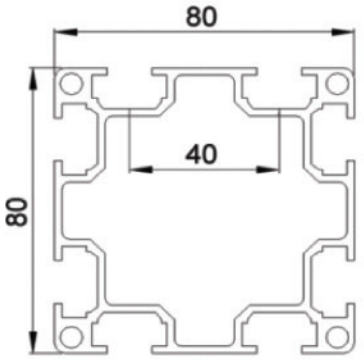





**UOM : 3 meter / length**

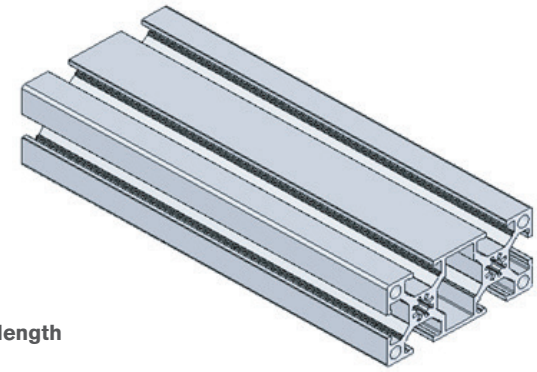
## FBSB-80x80 Support Beam 80x80 – Aluminum Anodized

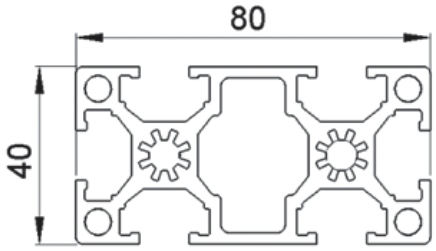





**UOM : 3 meter / length**

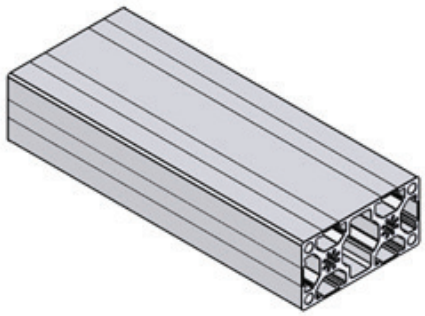
## FBSB-40x80 Support Beam – Aluminum Anodized

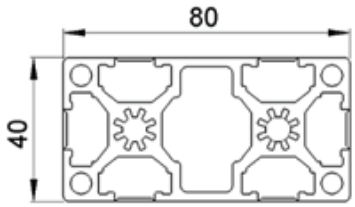





**UOM : 3 meter / length**

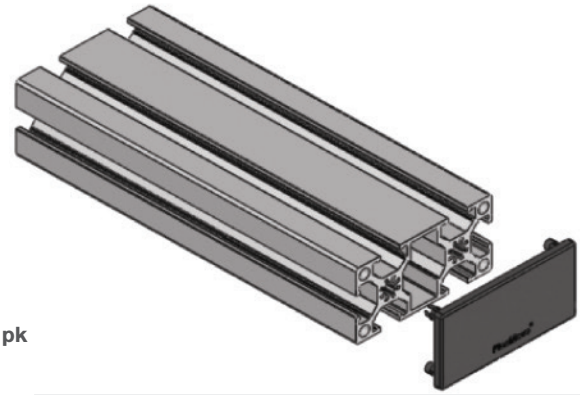
## FBSB-40x80C Close Slot Support Beam - Aluminum Anodized

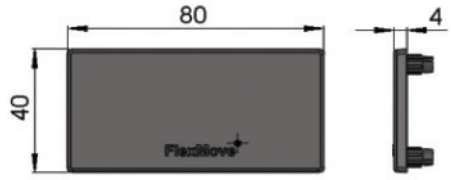





**UOM : 3 meter / length**

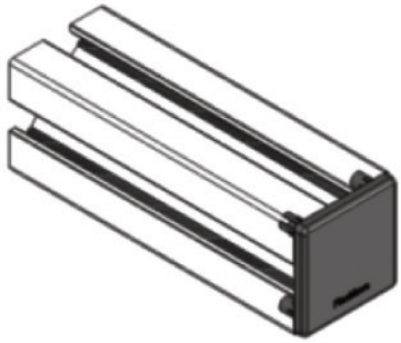
## FBEC-40x80 End Cap. 40x80mm Support Beam - Polyamide

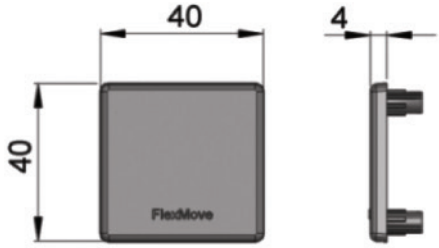





**UOM : 10 pcs / pk**

## FBEC-40 End Cap , 40x40mm Support Beam - Polyamide

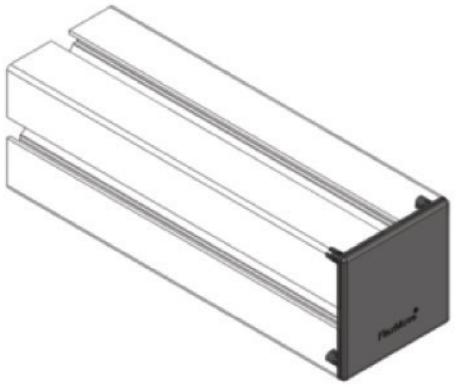


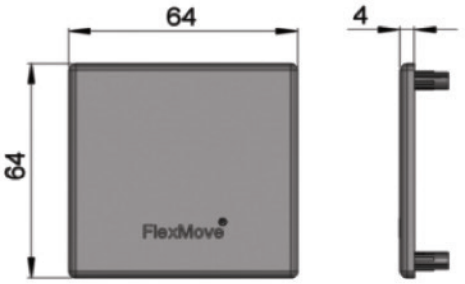



**UOM : 10 pcs / pk**

## FBEC-64

End cap , 64x64mm Support Beam - Polyamide

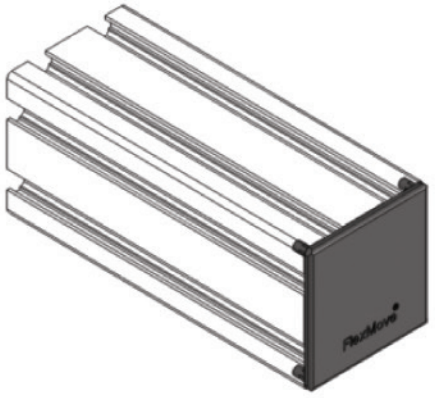


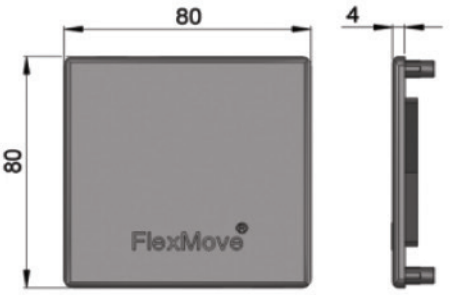



**UOM : 10 pcs / pk**

## FBEC-80

End cap , 80x80mm Support Beam - Polyamide

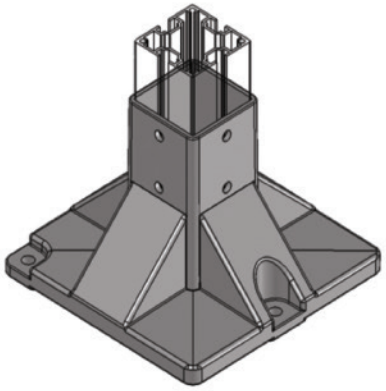


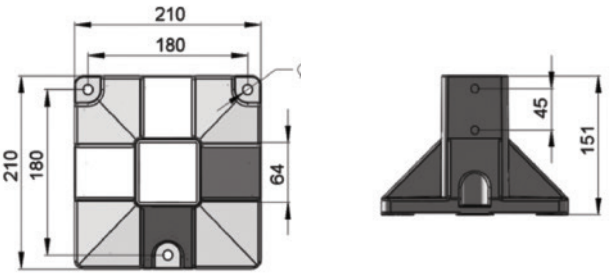



**UOM : 10 pcs / pk**

## FBFT-64

Foot For Support Beam 64x64 – Aluminum Die Cast



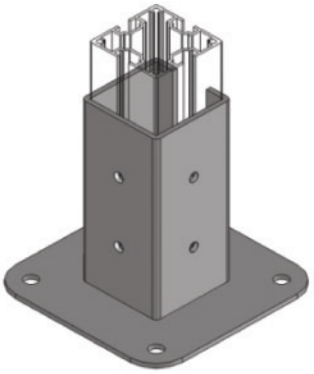


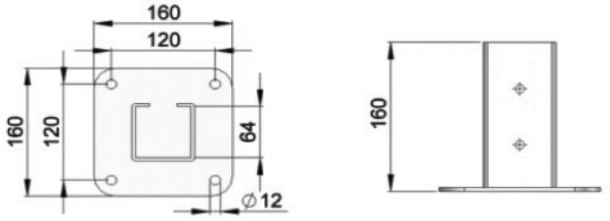

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FBCS – 20x76 (2) , FAFW-M8 (4) , FAWP-M10 (3)

## FBFT-64A

Foot For Support Beam 64x64 – Steel, Powder Coating

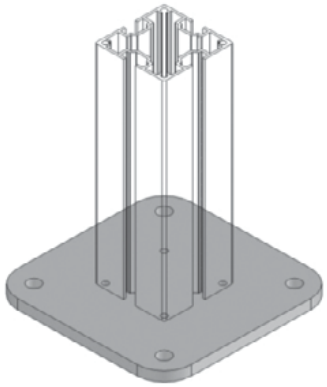


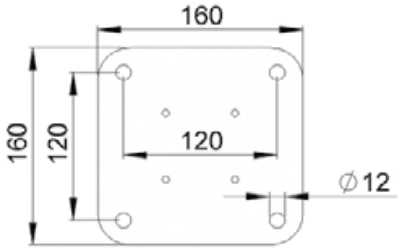



**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN – M8 (4) , FAFW-M8 (4) , FAWP-M10(4)

## FBFT-64B — Foot For Support Beam 64x64 – Aluminum



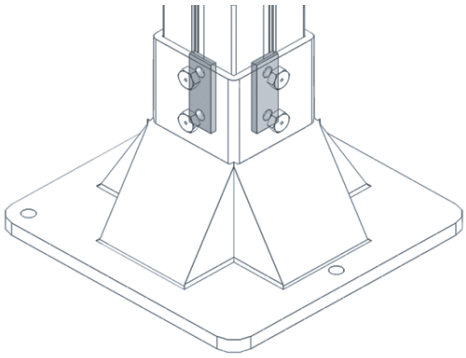


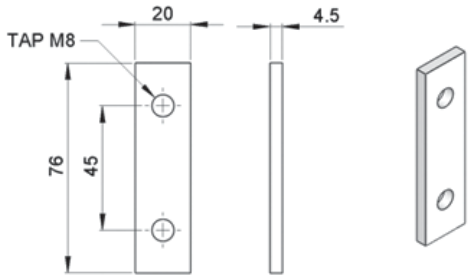


**UOM : pc**

Mounting : FACS-M6 x 20 (4) , FAWP-M10 (4)

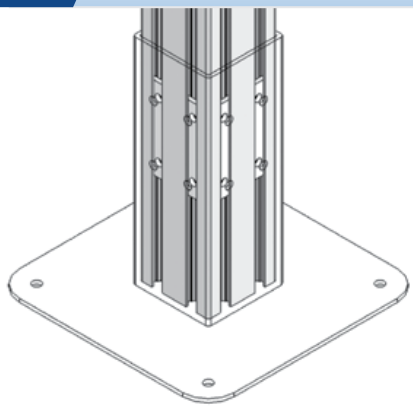
## FBCS-20x76 — Connecting Strip For Foot – Steel, Electro Zinc Plated

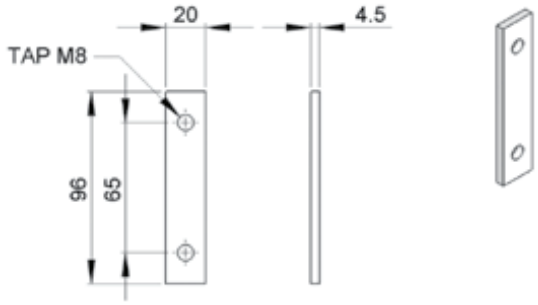





**UOM : 10pcs / pk**

## FBCS-20x96 — Connecting Strip For Foot 80x80mm– Steel, Electro Zinc Plated



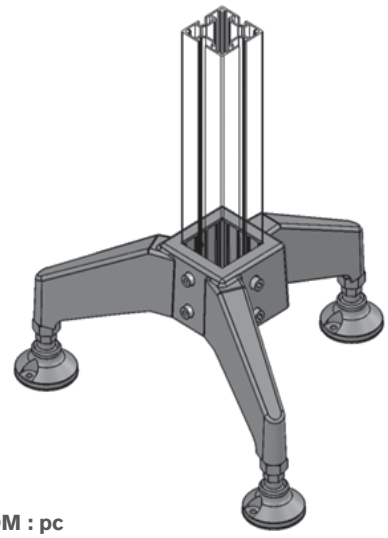


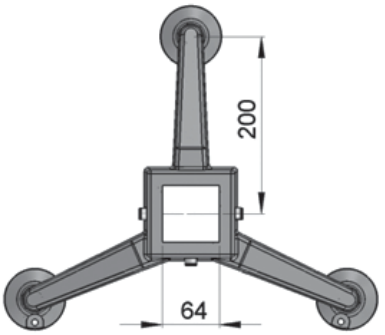

**UOM : pc**

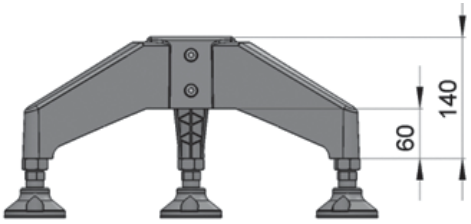
## FBFT-64TP

Tripod Foot For FBSB-64x64 - Polyamide , Glass Fiber reinforced

Plastic Pad, screws and clamps included





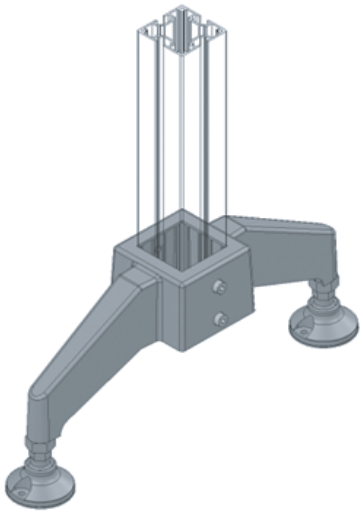



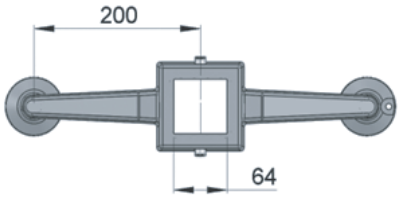

**UOM : pc**

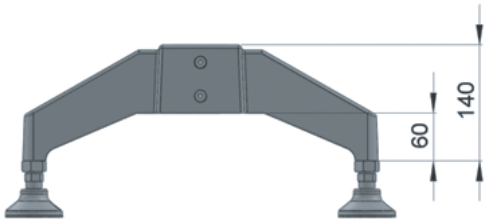
## FBFT-64BP

Bipod Foot For FBSB-64x64 - Polyamide , Glass Fiber reinforced

Plastic Pad, screws and clamps included





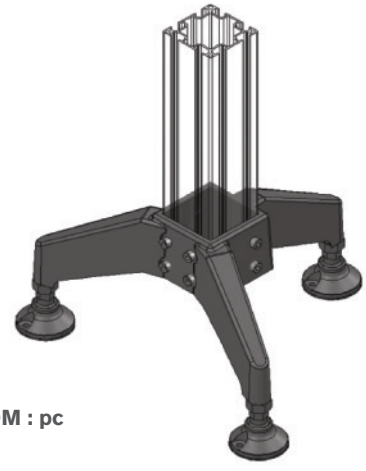



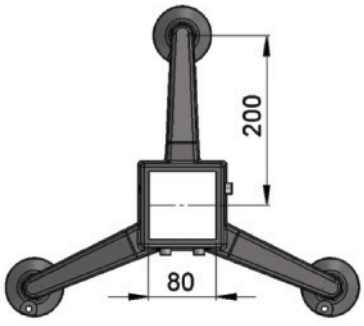

**UOM : pc**

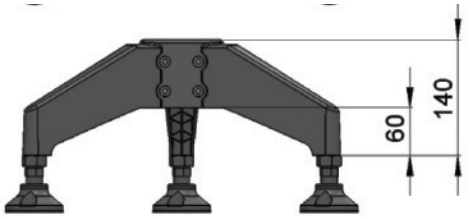
## FBFT-80TP

Tripod Foot For FBSB-80x80 - Polyamide, Glass Fiber reinforced

Plastic Pad, screws and clamps included



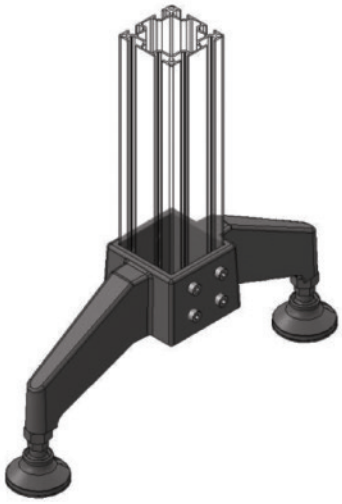


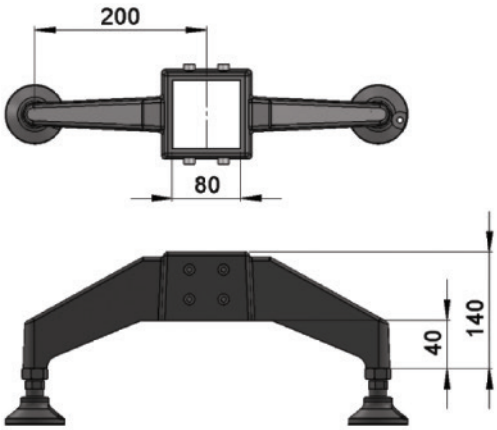




**UOM : pc**

| | |
|---|---|
| FBFT-80BP | Bipod Foot For FBSB-80x80 - Polyamide , Glass Fiber reinforced |

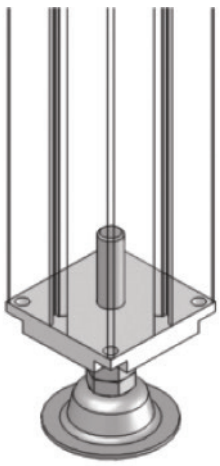
Plastic Pad, screws and clamps included

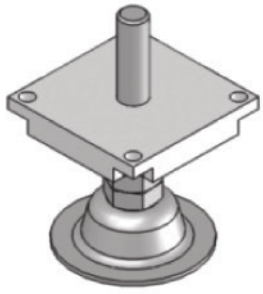


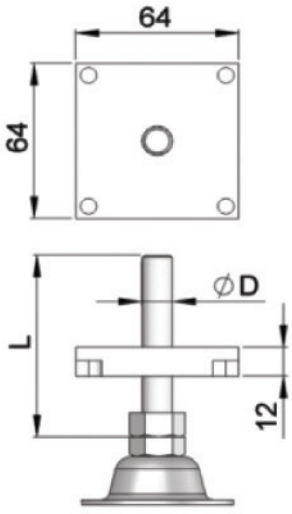



**UOM : pc**

| | |
|---|---|
| FBFT-64xM8 | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M8, L=50 – Zinc Plated |
| FBFT-64xM10 | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M10, L=75 – Zinc Plated |
| FBFT-64xM12 | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M12, L=75 – Zinc Plated |
| FBFT-64xM8S | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M8, L=50 – Stainless Steel |
| FBFT-64xM10S | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M10, L=75 – Stainless Steel |
| FBFT-64xM12S | End Plate for Support Beam 64x64- Aluminum & Adjustable stand - D=M12, L=75 – Stainless Steel |



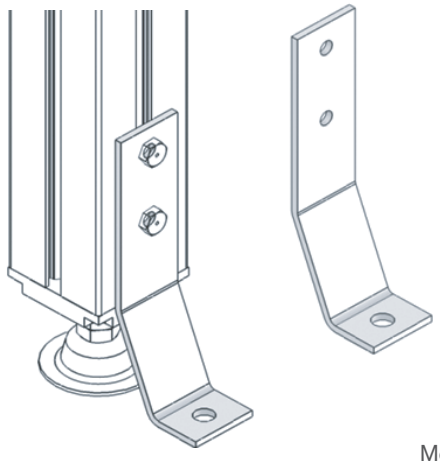


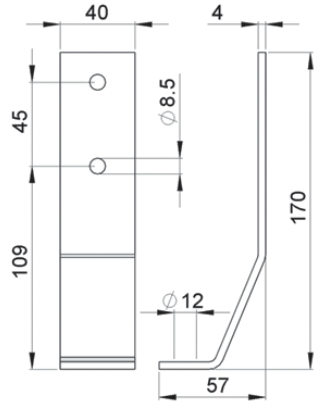



**UOM : pc**

## FBFT-170 Floor Attachment Bracket – Steel, Zinc Plated

## FBFT-170S Floor Attachment Bracket – Stainless Steel

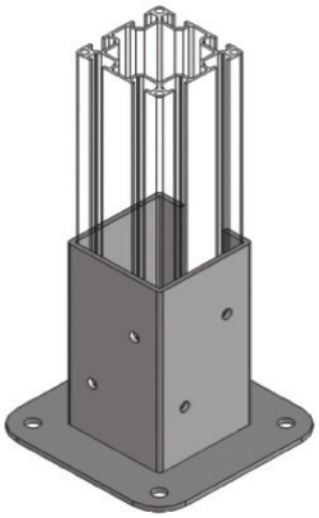


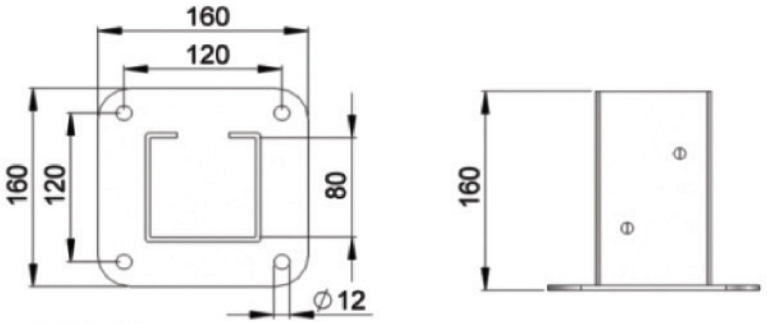



**UOM : pc**

Mounting : FAHB-M8 x16(2) , FASN-M8 (2) , FAFW-M8 (3) , FAWP-M10 (1)

## FBFT-80A Foot For Support Beam 80x80 – Steel, Powder Coating

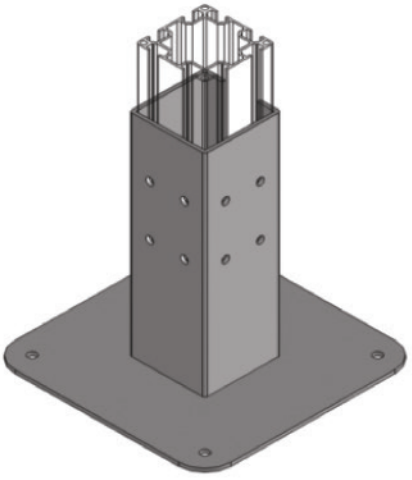


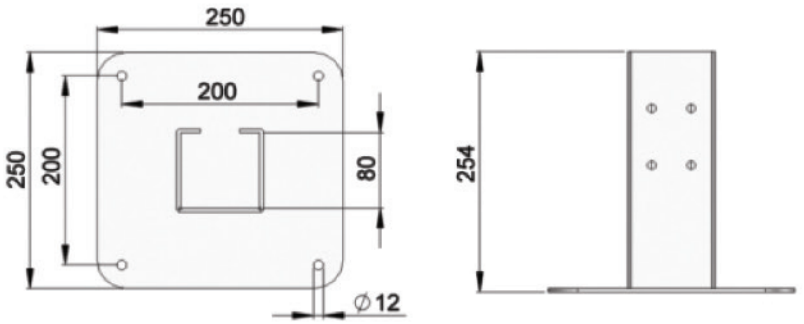



**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4) , FAWP-M10 (4)

## FBFT-80B Foot For Support Beam 80x80 – Steel, Powder Coating



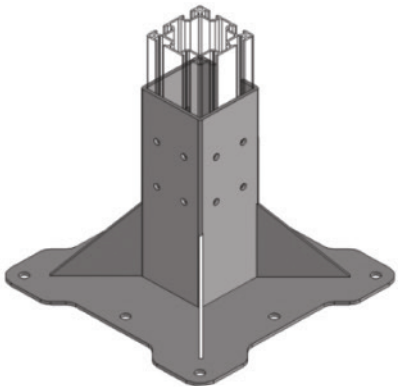


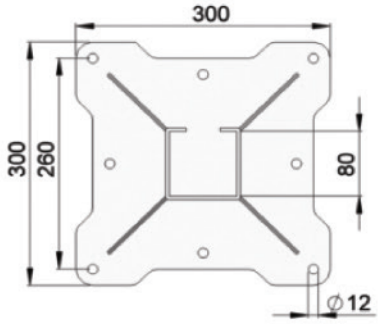

**UOM : pc**

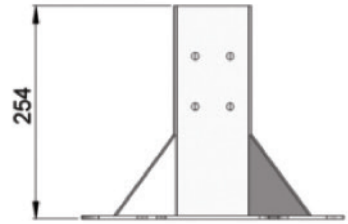
Mounting : FAHB-M8 x16(8) , FBCS – 20 x 96 (4), FAFW-M8 (8) , FAWP-M10(4)

## FBFT-80C

Foot For Support Beam 80x80 – Steel, Powder coating





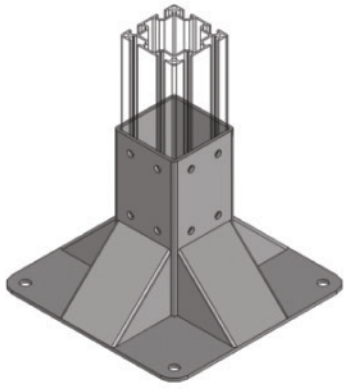



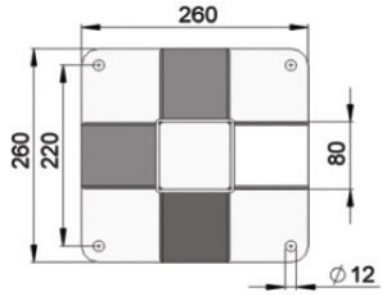

**UOM : pc**

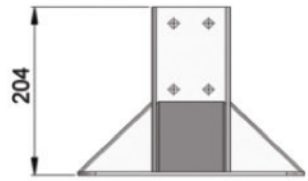
Mounting : FAHB-M8 x16(8) , FBCS – 20 x 96 (4) , FAFW-M8 (8) , FAWP-M10 (4)

## FBFT-80D

Foot For Support Beam 80x80 – Steel, Powder Coating





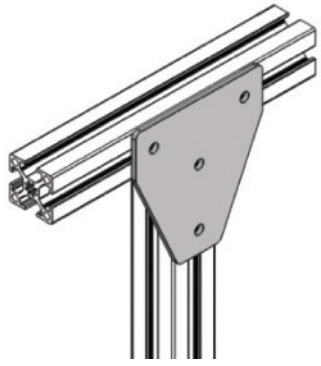



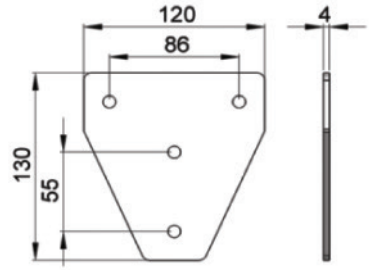

**UOM : pc**

Mounting : FAHB-M8 x16(8) , FBCS – 20 x 96 (4) , FAFW-M8 (8) , FAWP-M10 (4)

## FBCP-40T

T Connecting Plate for Support Beam 40x40- Steel, Zinc Plated



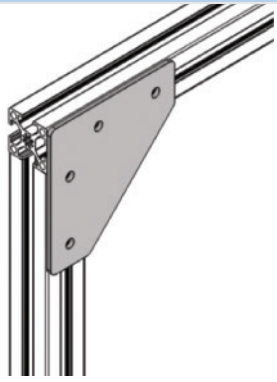


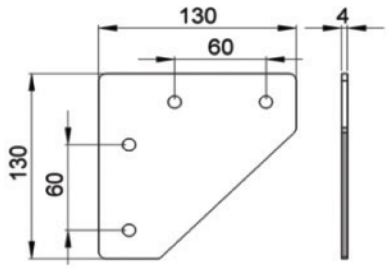

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-40L

L Connecting Plate for Support Beam 40x40- Steel, Zinc Plated



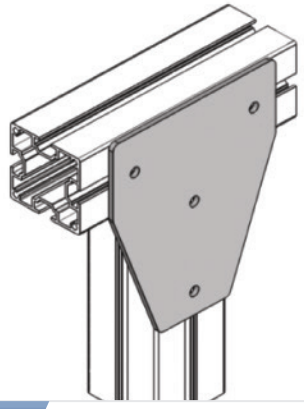


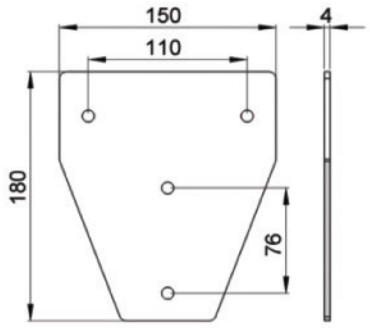

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-64T

T connecting Plate for Support Beam 64x64 – Steel, Zinc Plated



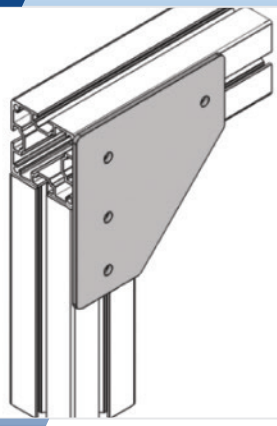


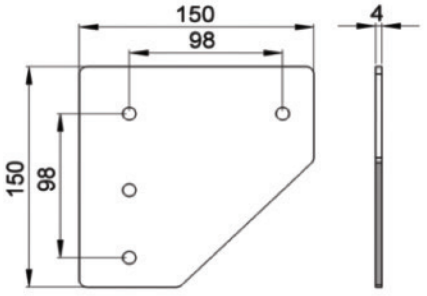

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-64L

L Connecting Plate for Support Beam 64x64- Steel, Zinc Plated



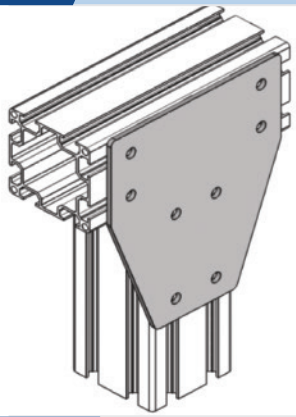


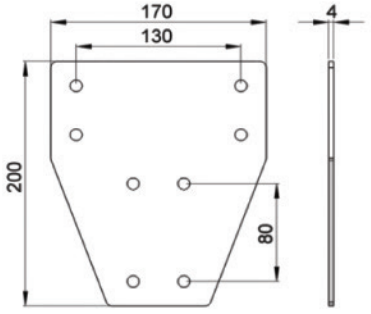

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-80T

T connecting Plate for Support Beam 80x80 – Steel, Zinc Plated



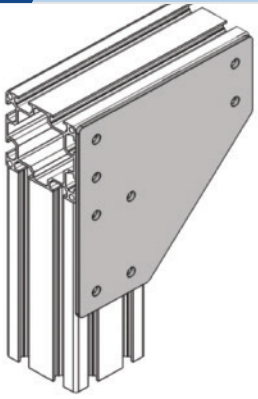


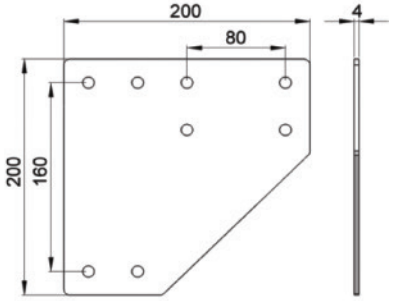

**UOM : pc**

Mounting : FAHB-M8 x16(8) , FASN-M8 (8) , FAFW-M8 (8)

## FBCP-80L

L Connecting Plate for Support Beam 80x80- Steel, Zinc Plated



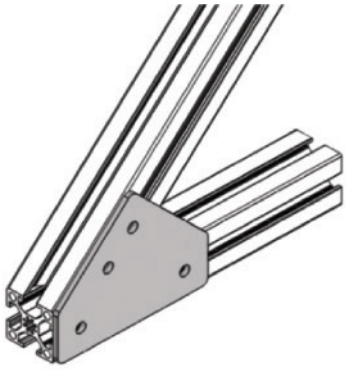


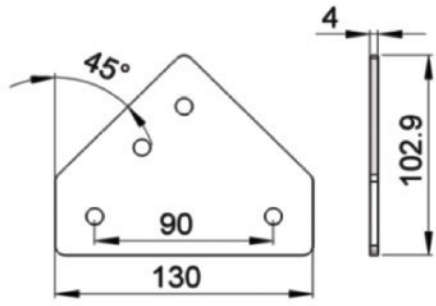

**UOM : pc**

Mounting : FAHB-M8 x16(8) , FASN-M8 (8) , FAFW-M8 (8)

## FBCP-40V

45 ° connecting Plate for Support Beam 40x40 – Steel, Zinc Plated



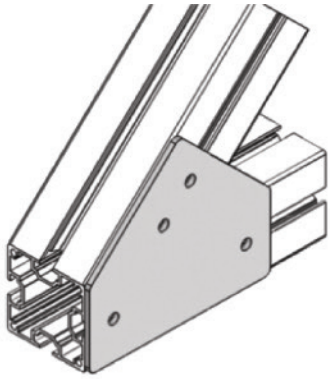


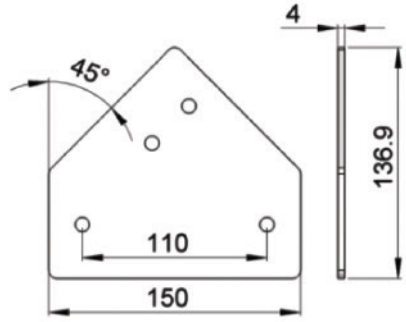

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-64V

45 ° connecting Plate for Support Beam 64x64 – Steel, Zinc Plated



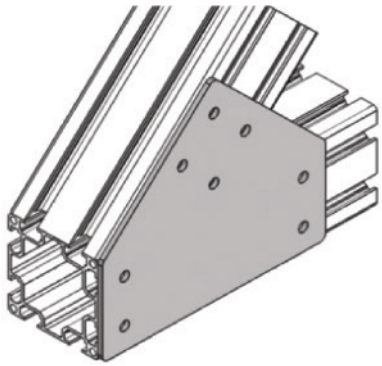


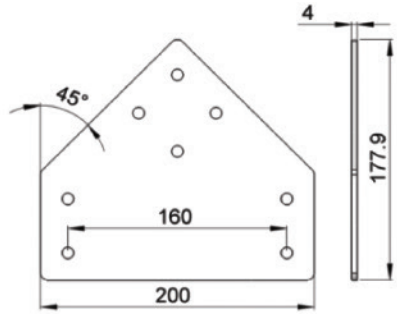

**UOM : pc**

Mounting : FAHB-M8 x16(4) , FASN-M8 (4) , FAFW-M8 (4)

## FBCP-80V

45 ° connecting Plate for Support Beam 80x80 – Steel, Zinc Plated



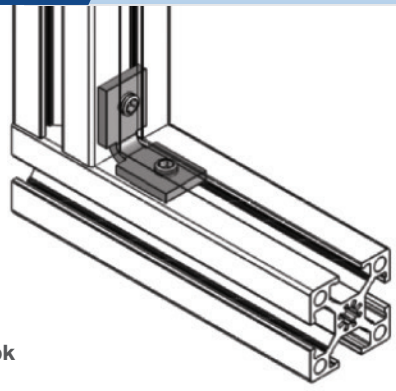


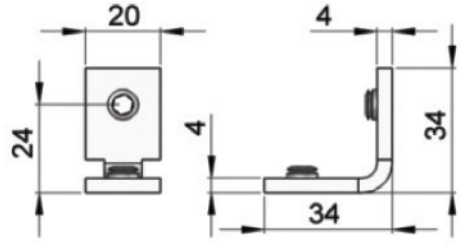

**UOM : pc**

Mounting : FAHB-M8 x16(8) , FASN-M8 (8) , FAFW-M8 (8)

## FBRX-20A

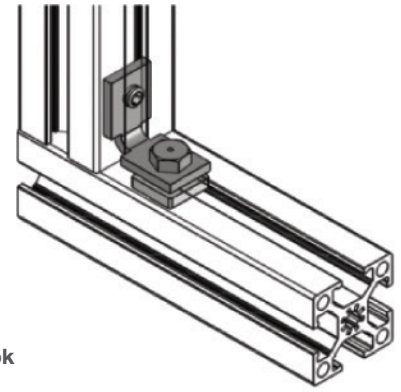
90° Inner Joint Strip – Steel, Zinc Plated

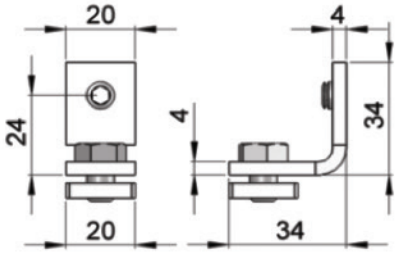





**UOM : 10 pcs / pk**

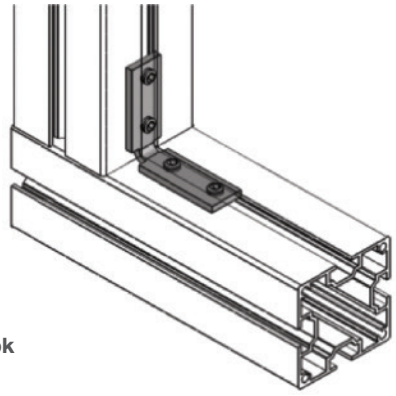
## FBRX-20B — 90° Outer Joint Strip – Steel, Zinc Plated

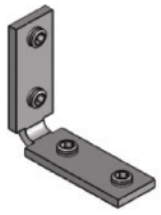


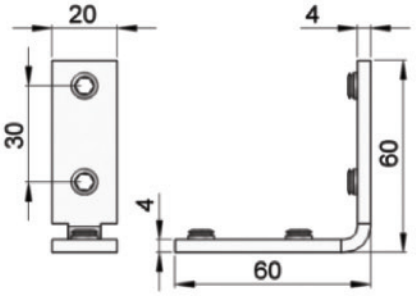



**UOM : 10 pcs / pk**

## FBRX-20C — 90° Inner Joint Strip – Steel, Zinc Plated

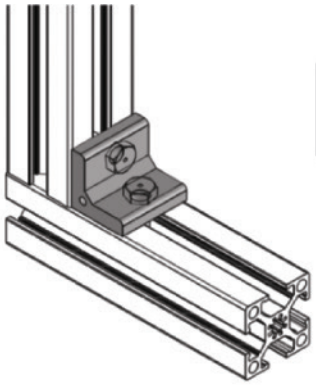


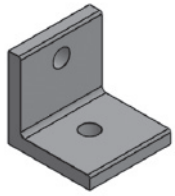


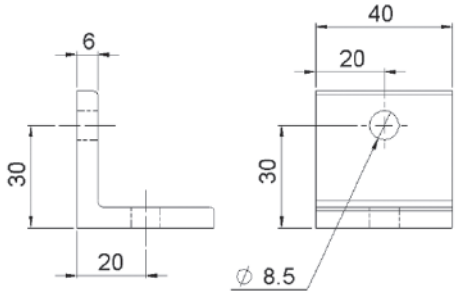



**UOM : 10 pcs / pk**

## FBAB-40x40 — Angle Bracket for Support Beam 40x40 - Aluminum



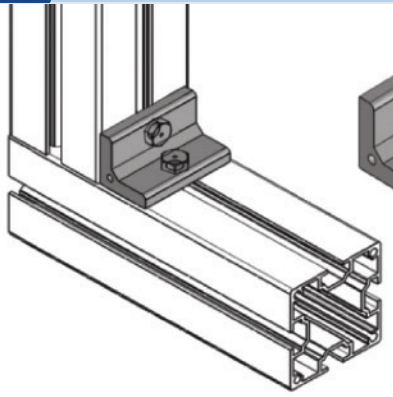


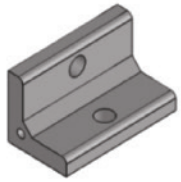


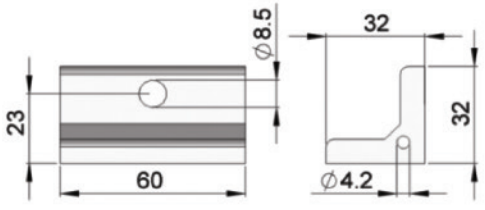

**UOM : pc**

Mounting : FAHB-M8 x20(2) , FASN-M8 (2) , FAFW-M8 (2)

## FBAB-32x60 — Angle Bracket for Support Beam 64x64 - Aluminum





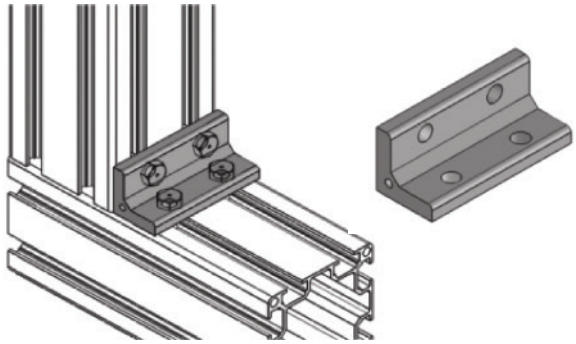


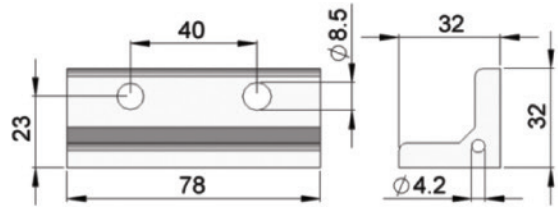

**UOM : pc**

Mounting : FAHB-M8 x20 (2) , FASN-M8 (2) , FAFW-M8 (2)

## FBAB-32x80

Angle Bracket for Support Beam 80x80 - Aluminum



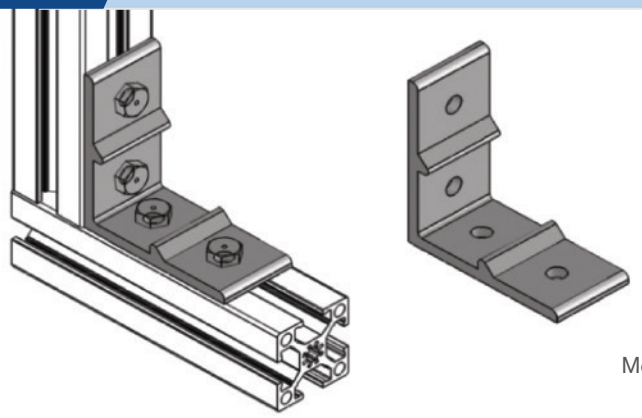


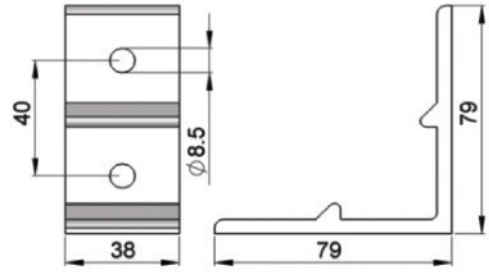

**UOM : pc**

Mounting : FAHB-M8 x20 (4) , FASN-M8 (4) , FAFW-M8 (4)

## FBAB-40L

Angle Bracket for Support Beam 40x40 - Aluminum



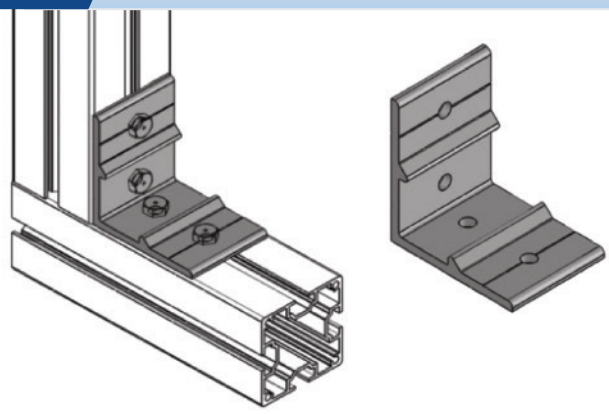


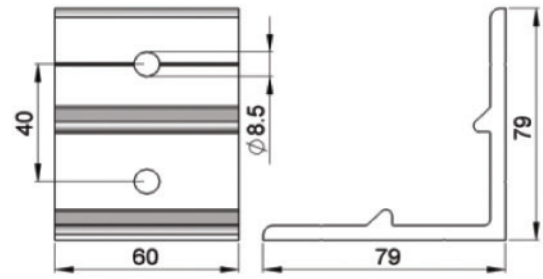

**UOM : pc**

Mounting : FAHB-M8 x 16 (4) , FASN-M8 (4) , FAFW-M8 (4)

## FBAB-60L

Angle Bracket for Support Beam 64x64 - Aluminum



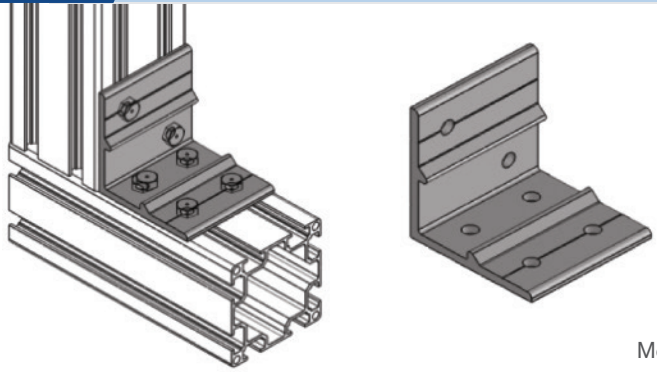


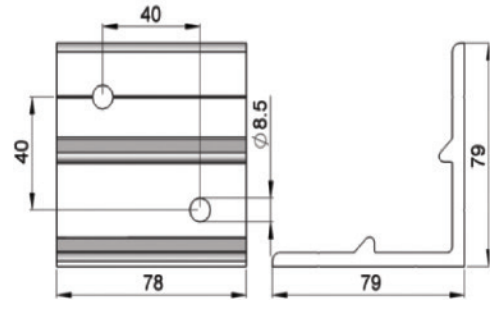

**UOM : pc**

Mounting : FAHB-M8 x 16 (4) , FASN-M8 (4) , FAFW-M8 (4)

## FBAB-80L

Angle Bracket for Support Beam 80x80 - Aluminum



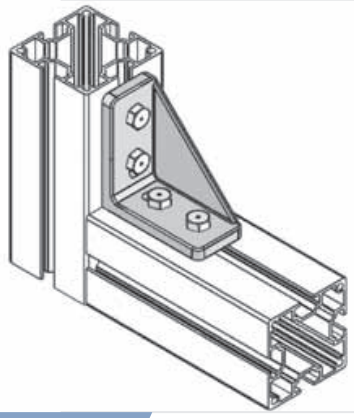


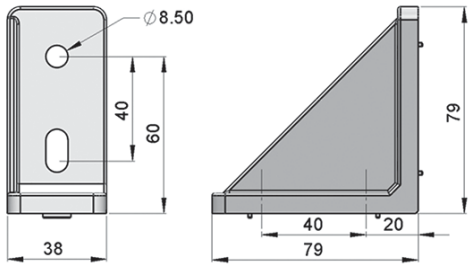

**UOM : pc**

Mounting : FAHB-M8 x 16 (6) , FASN-M8 (6) , FAFW-M8 (6)

## FBAB-40x80A

Angle Bracket for Support Beam 40x40, 64x64, 40x80 - Aluminum Die Cast



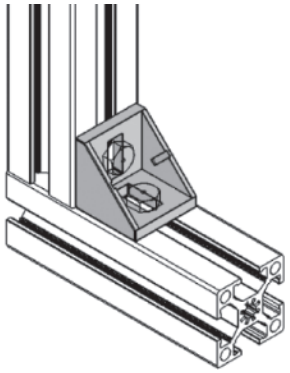


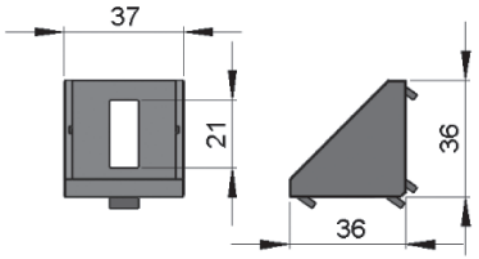

**UOM : pc**

Mounting : FAHB-M8 x 20 (4) , FASN-M8 (4) , FAFW-M8 (4)

## FBAB-40x40A

Angle Bracket for Support Beam 40x40 - Aluminum Die Cast

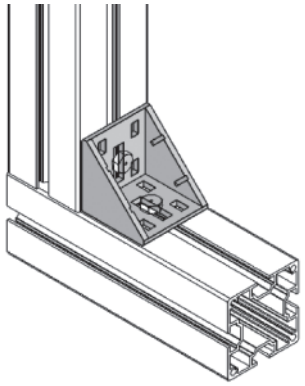


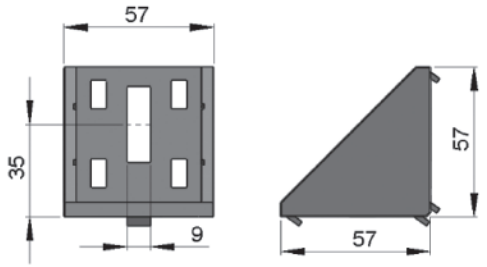



**UOM : pc**

## FBAB-64x64A

Angle Bracket for Support Beam 64x64 - Aluminum Die Cast



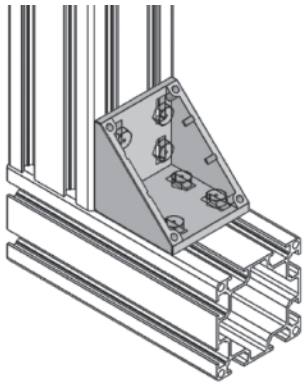


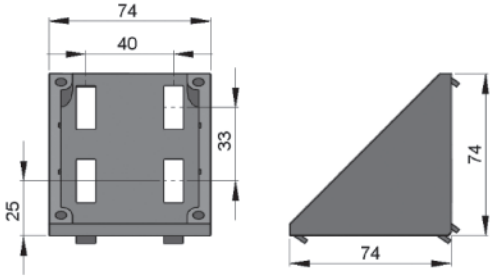

**UOM : pc**

Mounting : FAHB-M8 x20(2) , FASN-M8 (2) , FAFW-M8 (2)

## FBAB-80x80A

Angle Bracket for Support Beam 80x80 - Aluminum Die Cast



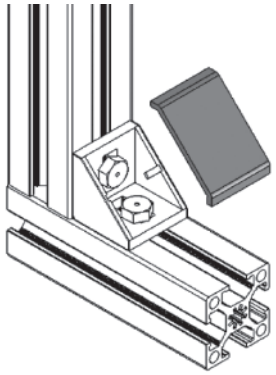


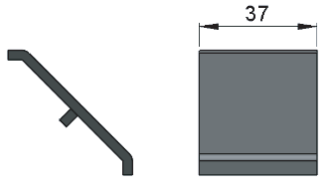

**UOM : pc**

Mounting : FAHB-M8 x20 (2) , FASN-M8 (2) , FAFW-M8 (2)

## FBEC-40x40A

End Cap for FBAB-40x40A angle bracket - Polyamide

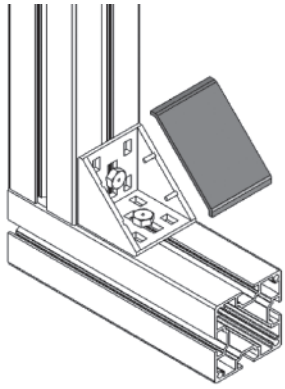


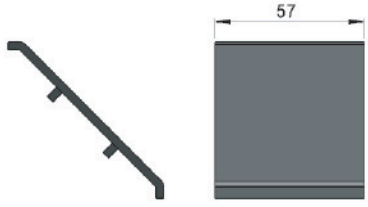



**UOM : pc**

## FBEC-64x64A

End Cap for FBAB-64x64A angle bracket - Polyamide

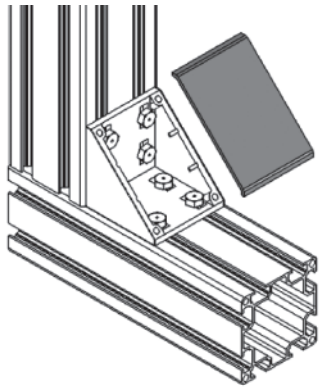


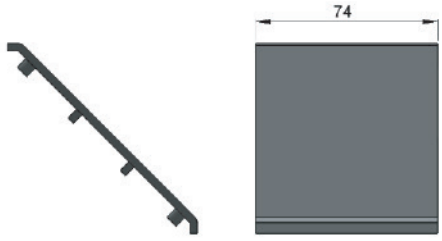



**UOM : pc**

## FBEC-80x80A

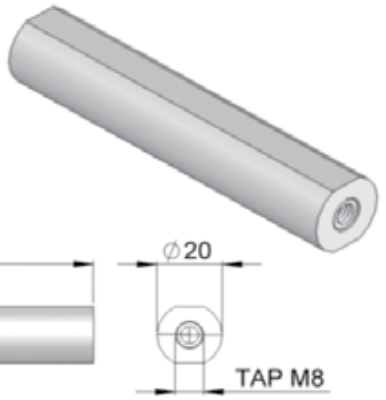
End Cap for FBAB-80x80A angle bracket - Polyamide





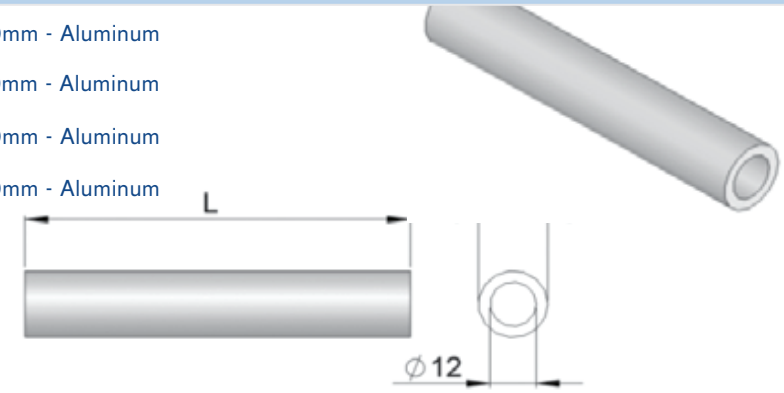

**UOM : pc**

| | |
|---|---|
| FGDT-70 | Distance Tube, L = 70mm - Aluminum |
| FGDT-80 | Distance Tube, L = 80mm - Aluminum |
| FGDT-100 | Distance Tube, L = 100mm - Aluminum |
| FGDT-150 | Distance Tube, L = 150mm - Aluminum |
| FGDT-200 | Distance Tube, L = 200mm - Aluminum |
| FGDT-250 | Distance Tube, L = 250mm - Aluminum |



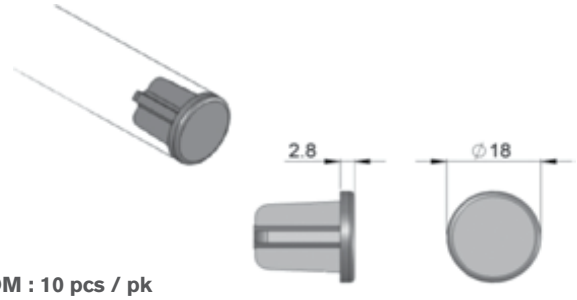

**UOM : 10 pcs / pk**

| | |
|---|---|
| FGGR-18X100 | 18mm Tube, L = 100mm - Aluminum |
| FGGR-18X150 | 18mm Tube, L = 150mm - Aluminum |
| FGGR-18X200 | 18mm Tube, L = 200mm - Aluminum |
| FGGR-18X250 | 18mm Tube, L = 250mm - Aluminum |
| FGGR-18X300 | 18mm Tube, L = 300mm - Aluminum |



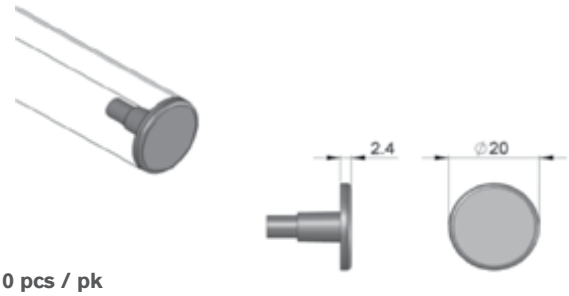

**UOM : 10 pcs / pk**

## FGEC-18 End cap. 18mm Tube - Polyamide



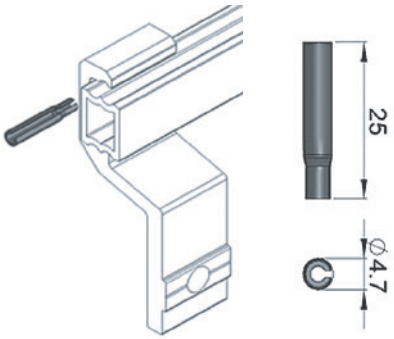

**UOM : 10 pcs / pk**

## FGEC-20 End cap , Distance Tube - Polyamide



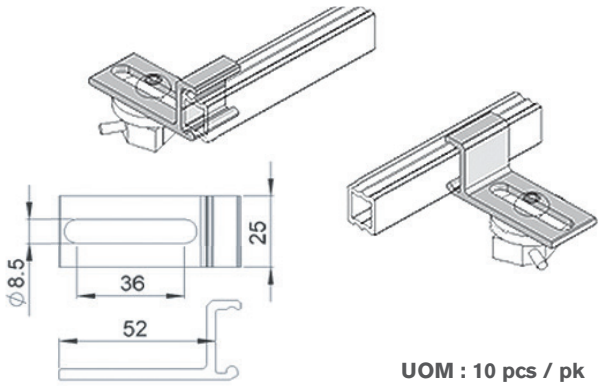

**UOM : 10 pcs / pk**

## FGAP-25 Spring Pin - Steel




**UOM: 50pcs / pk**

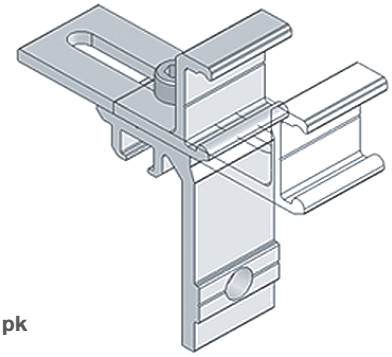
## FGRA-26x39x45A Bracket for sensor - Aluminum

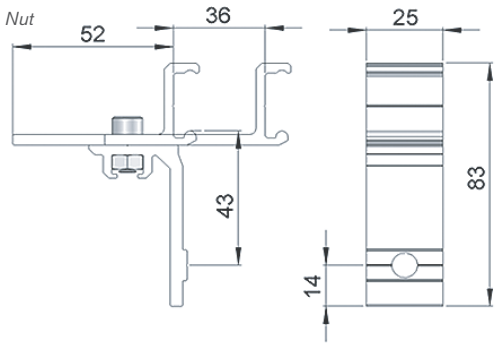



**UOM : 10 pcs / pk**

## FGRA-8x39x45 Adjustable Guide Rail Bracket - Aluminum

*Including Spring pin, M6 screw & Nut*

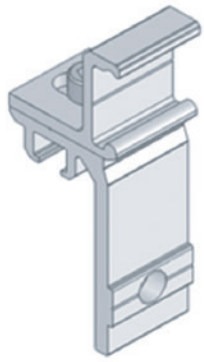


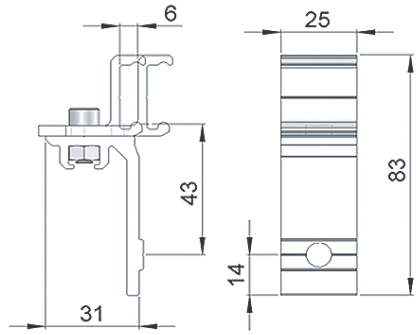



**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRA-8x9x45 Adjustable Guide Rail Bracket - Aluminum



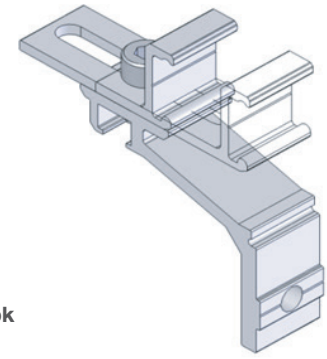


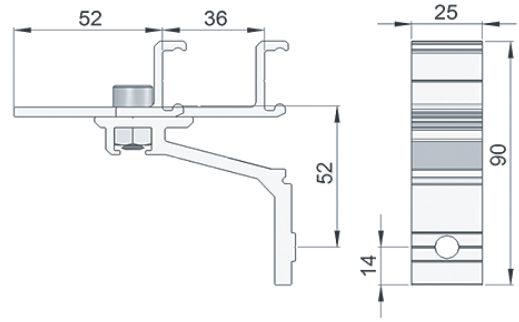

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRA-26x39x45 Adjustable Guide Rail Bracket - Aluminum

*Including Spring pin, M8 screw & nut*



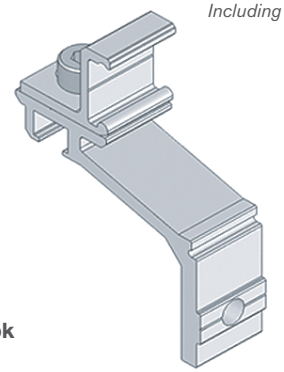


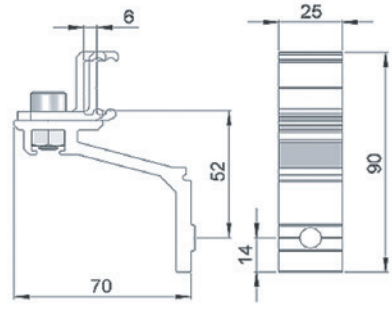

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRA-26x9x45 Adjustable Guide Rail Bracket - Aluminum

*Including Spring pin, M8 screw & nut*



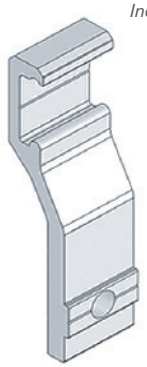


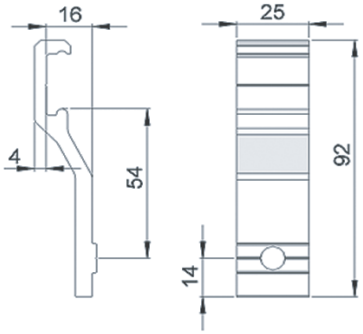

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-16x54 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



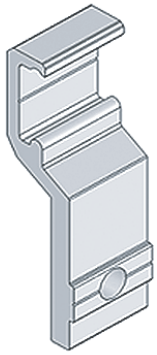


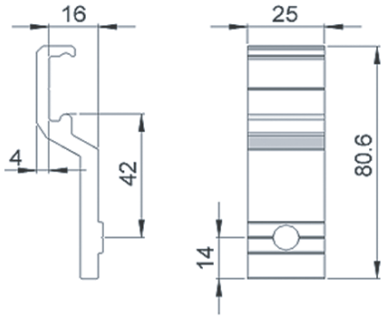

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-16x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



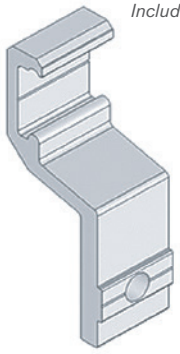


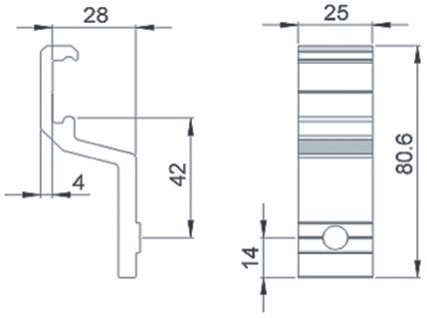

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-28x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



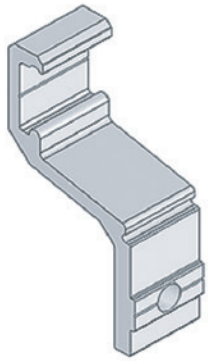


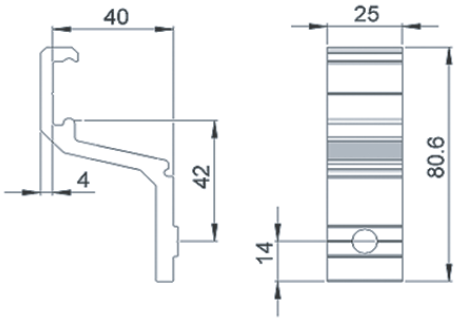

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-40x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



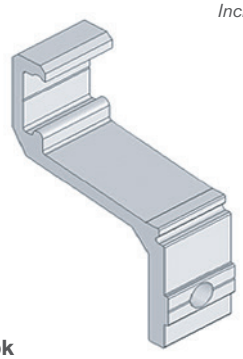


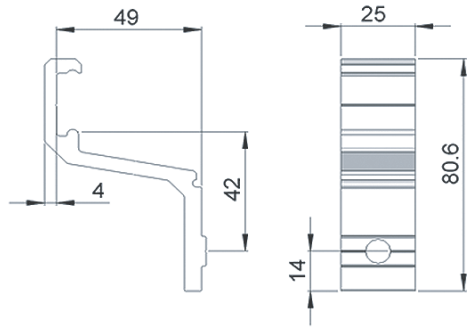

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-49x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



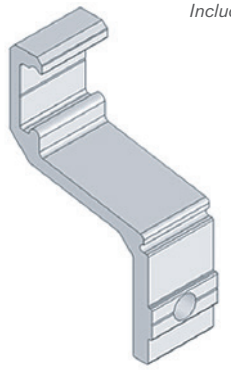


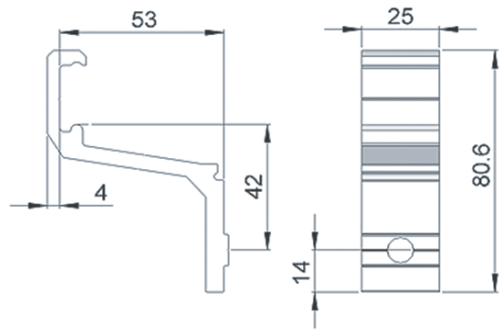

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-53x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*



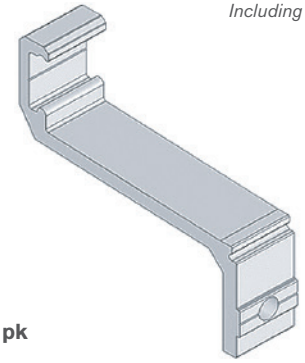


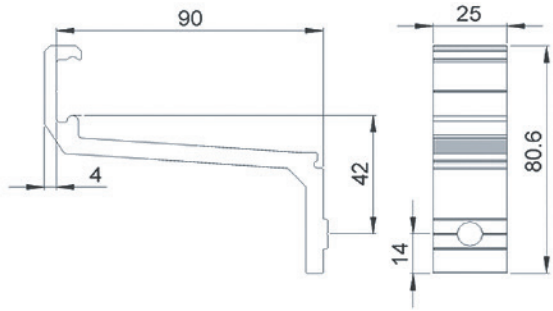

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRB-90x42 Fixed Guide Rail Bracket - Aluminum

*Including Spring pin.*

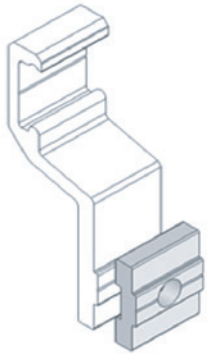


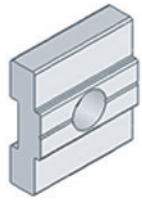


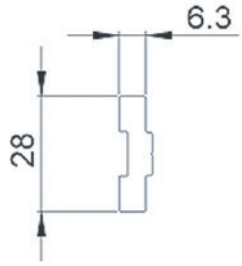

**UOM : 10 pcs / pk**

Mounting to beam : FATB-20 (1) , FALN-M8 (1) , FAFW-M8 (1)

## FGRD-6 Guide Rail Bracket Spacer - Aluminum

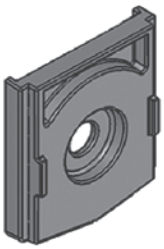


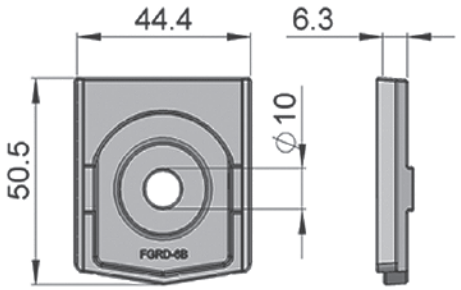





**UOM : 10 pcs / pk**

## FGRD-6B — Spacer for FGRB-40x ## - Polyamide (## = Diameter in mm)



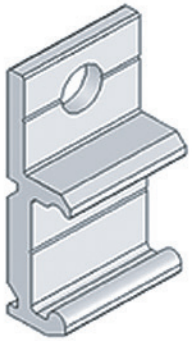


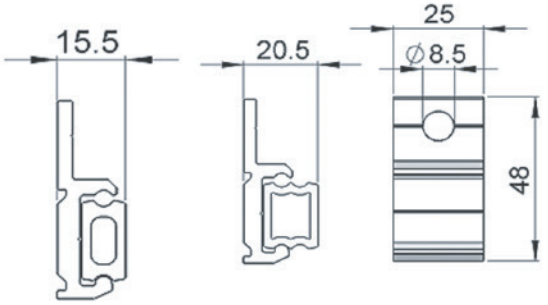

For use with guide rail bracket support:
FGRB – 40 x 18 / 20
FGRB – 40 x 15 x 20

**UOM : 10 pcs / pk**

## FGRC-20 — Guide Rail Support - Aluminum

*Including Spring pin.*



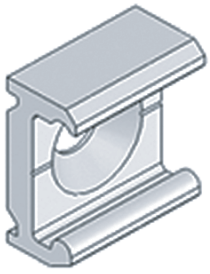


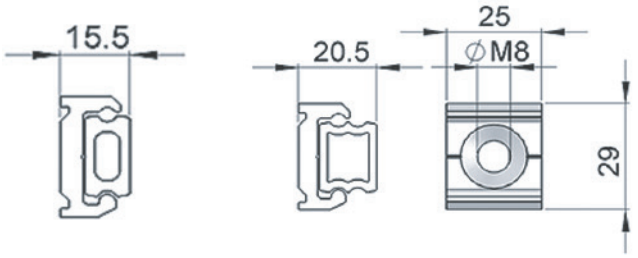

**UOM : 10 pcs / pk**

Mounting : FAHB-M8 x 12 (1) , FASN-M8 (1) , FAFW-M8 (1)

## FGRC-20A — Guide Rail Support - Aluminum

*Including Spring pin.*

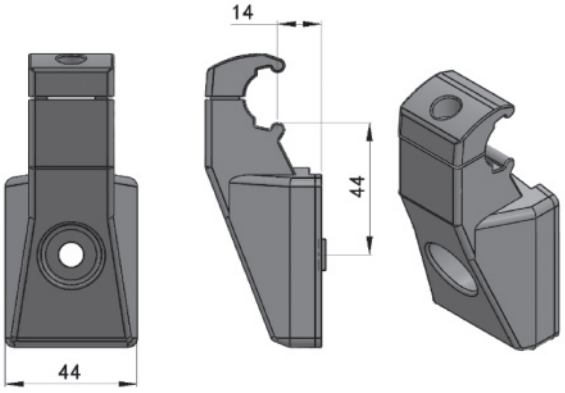





**UOM : 10 pcs / pk**

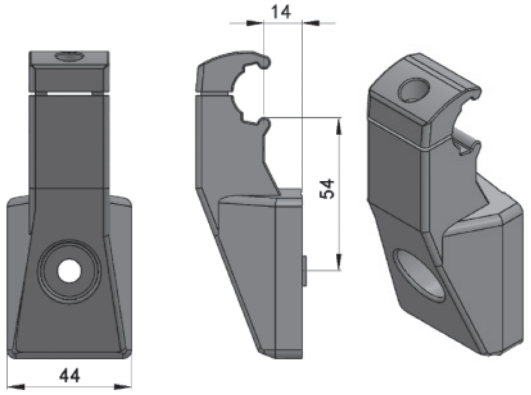
Mounting: C'SUNK M8 x 12

## FGRB-16x42C — Guide Rail Bracket - Polyamide




**UOM : 10pcs / pk**

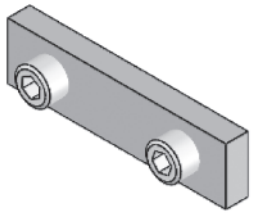
## FGRB-16x52C — Guide Rail Bracket - Polyamide

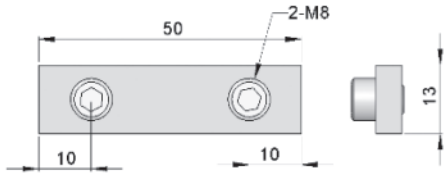


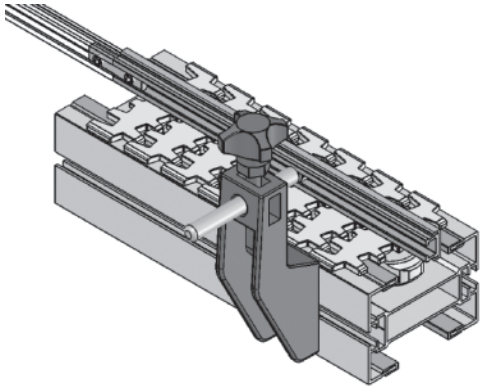

**UOM : 10pcs / pk**

## FGCS-13x50

Connecting Strip for FGRR-12x20 - Steel, electro zinc plated



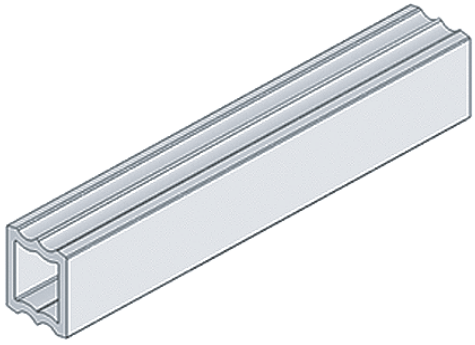


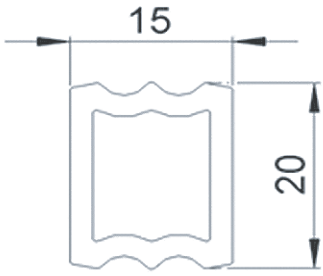



**UOM: 10pcs / pk**

## FGRR-15x20

Guide Rail Rectangular, 15mm x 20mm - Aluminum

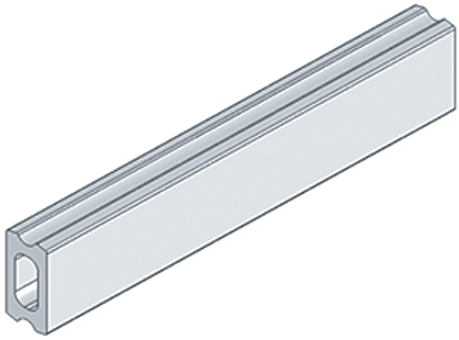


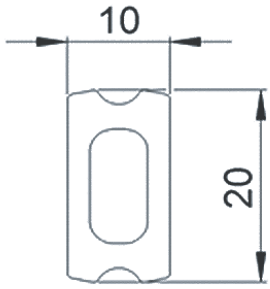



**UOM: 3meter / length**

## FGRR-10x20

Guide Rail Rectangular, 10mm x 20mm - Aluminum

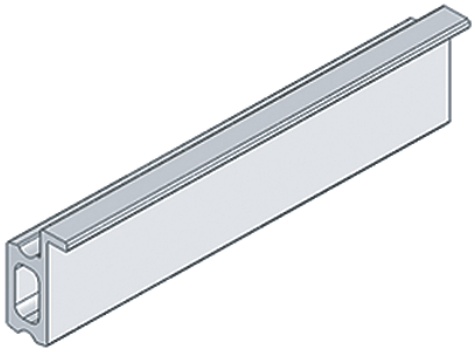


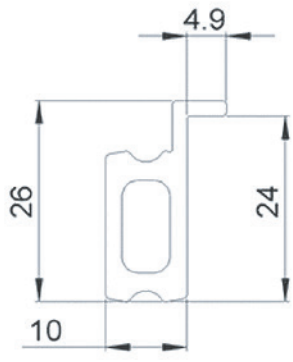



**UOM: 3meter / length**

## FGRR-10x20F

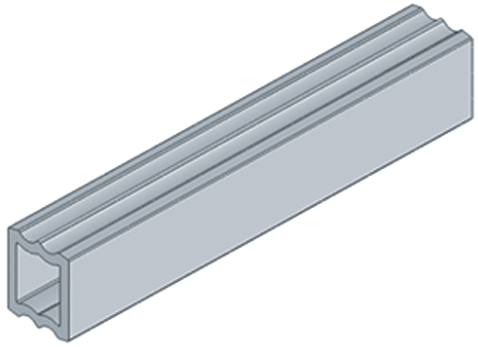
Guide Rail Rectangular, 10mm x 20mm Type F - Aluminum

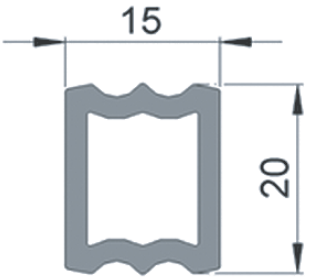





**UOM: 3meter / length**

## FGRR-15X20P — Guide Rail Rectangular, 15mm x 20mm – HDPE

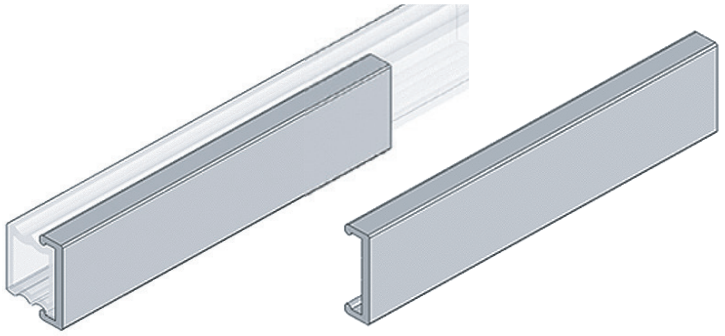


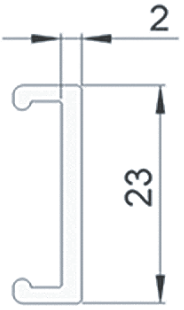



**UOM: 3meter / length**

## FGRT-3x23 — Guide Rail Cover - HDPE

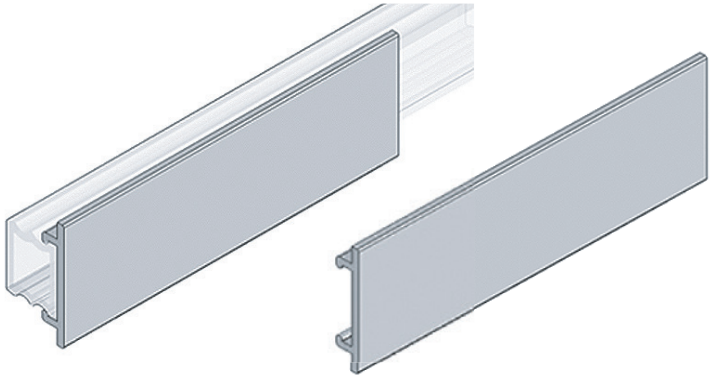
## FGRT-3x23A — Guide Rail Cover – HDPE ( Conductive )





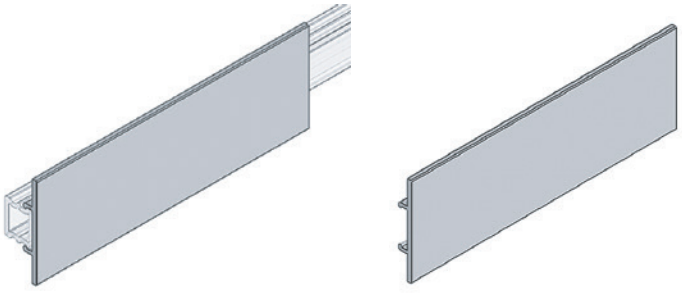

**UOM: 3meter / length**

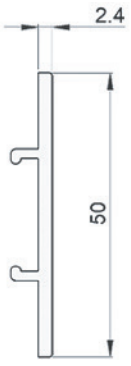
## FGRT-3x33 — Guide Rail Cover - HDPE




**UOM: 3meter / length**

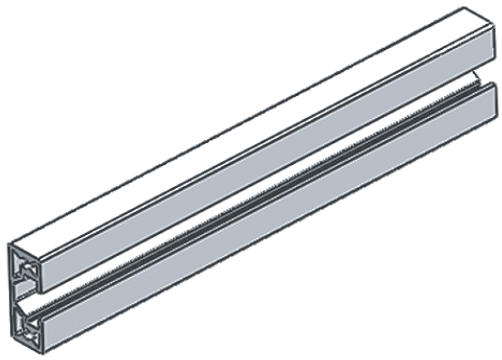
## FGRT-3x50 — Guide Rail Cover - HDPE

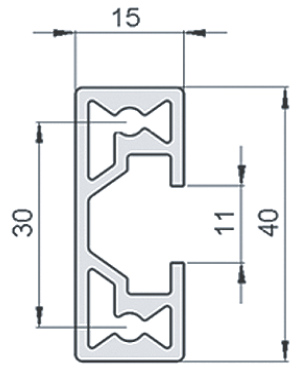





**UOM: 3meter / length**

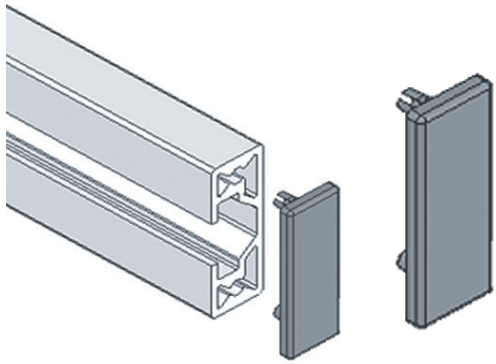
## FGRR-15x40 Guide Rail Rectangular, 15mm x 40mm – Aluminum

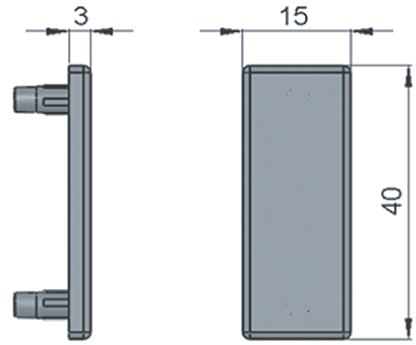





**UOM: 3meter / length**

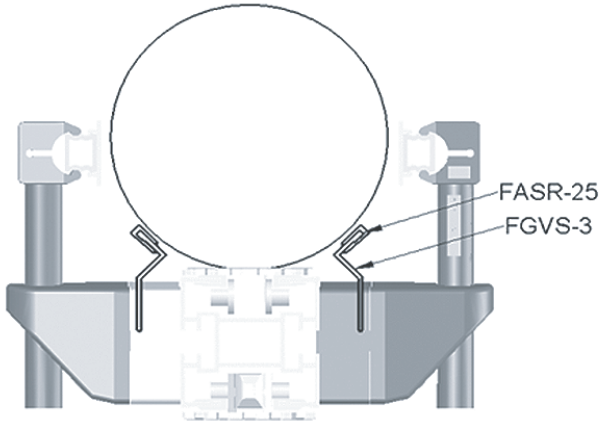
## FGEC-15x40 End Cap for FGRR-15x40 - Polyamide

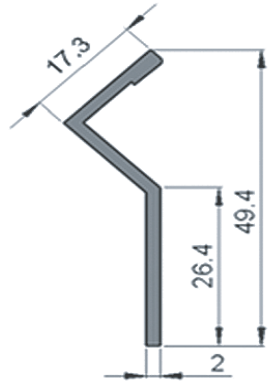





**UOM: 10pcs / pk**

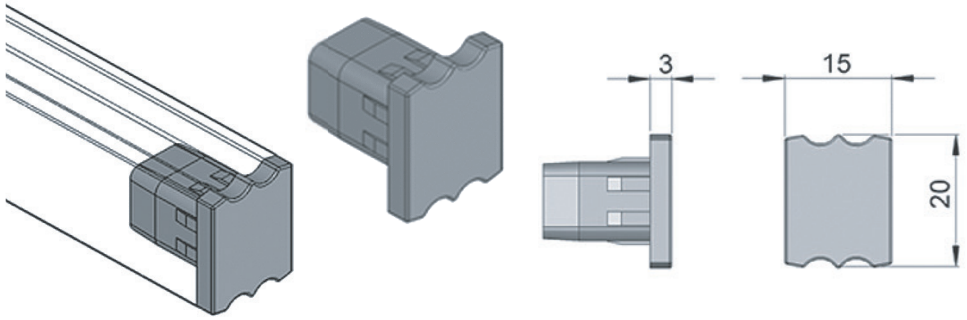
## FGVG-3 Special V Guide - Aluminum




**UOM: 3meter / length**

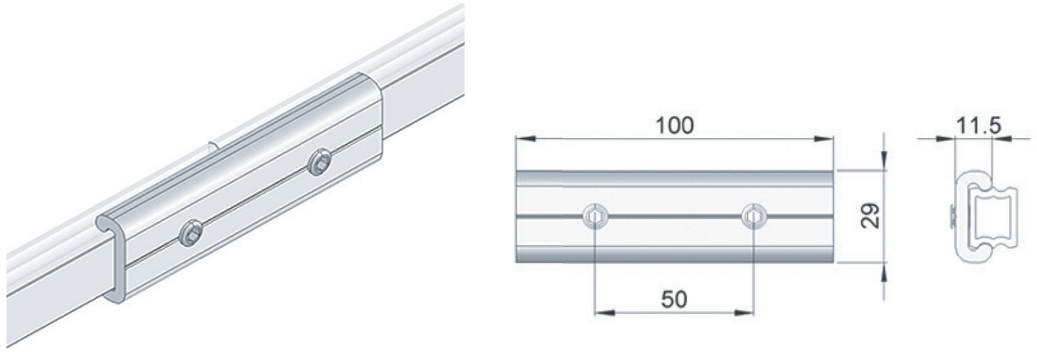
## FGEC-15x20 End Cap for FGRR-15x20 - Polyamide




**UOM: 10pcs / pk**

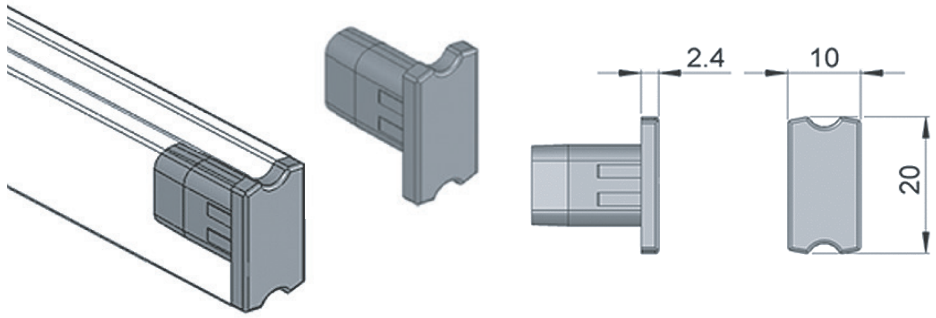
## FGRC-100 Rail Connecting – Aluminum L = 100mm , B = 50mm

## FGRC-60 Rail Connecting – Aluminum L = 60mm , B = 30mm



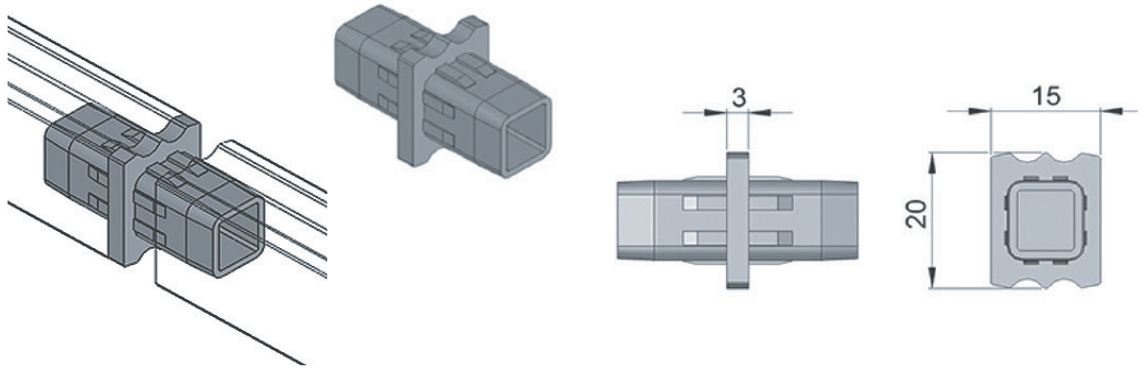

**UOM: 10pcs / pk**

## FGEC-10x20 End Cap for FGRR-10x20 & FGRR10x20F - Polyamide



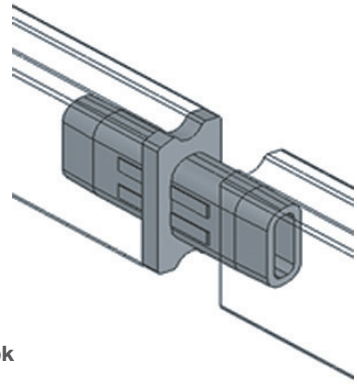

**UOM: 10pcs / pk**

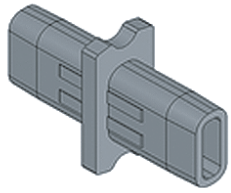
## FGRJ-15x20 Connecting Plug for FGRR-15x20 - Polyamide

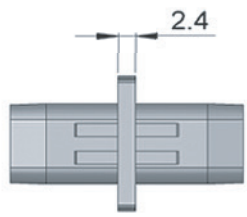


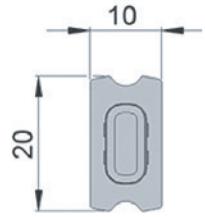

**UOM: 10pcs / pk**

## FGRJ-10x20 — Connecting Plug for FGRR-10x20 & FGRR-10x20F - Polyamide



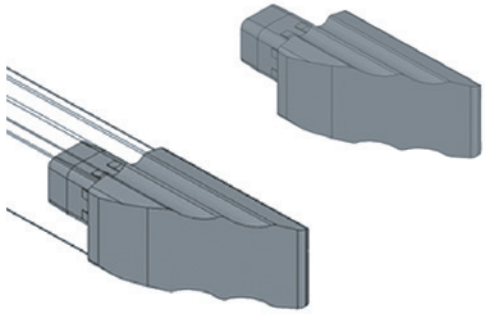


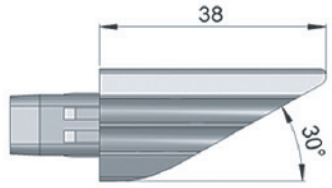


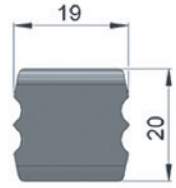




**UOM: 10pcs / pk**

## FGEC-30D — 30° End Cap for FGRR-15x20 - Polyamide

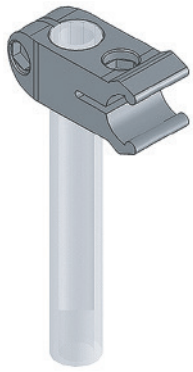


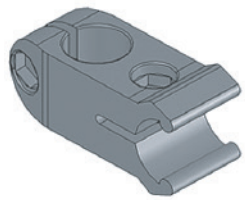


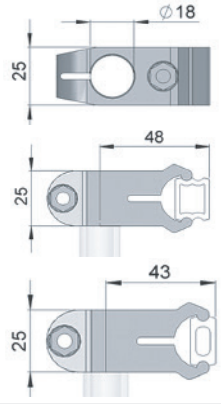




**UOM: 3meter / length**

## FGRS-18 — Guide Rail Support - Polyamide

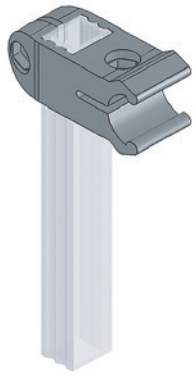


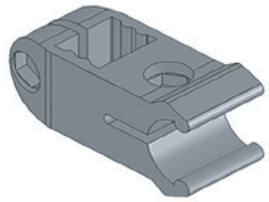


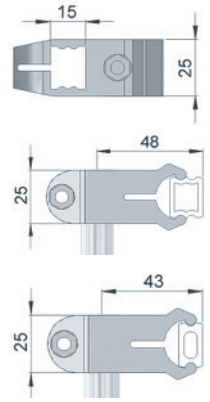



**UOM: 10pcs / pk**

## FGRS-15x20 — Guide Rail Support - Polyamide



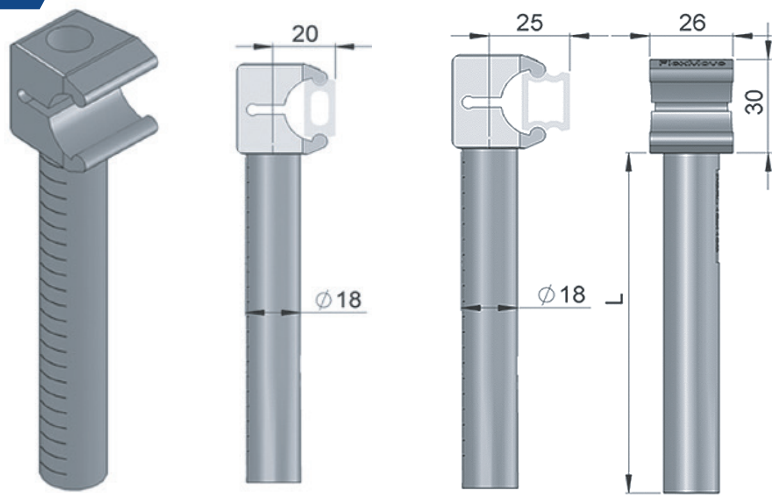





**UOM: 3meter / length**

## FGRL-18x110C — Guide Rail Support, L = 110mm - Polyamide

## FGRL-18x160C — Guide Rail Support, L = 160mm - Polyamide

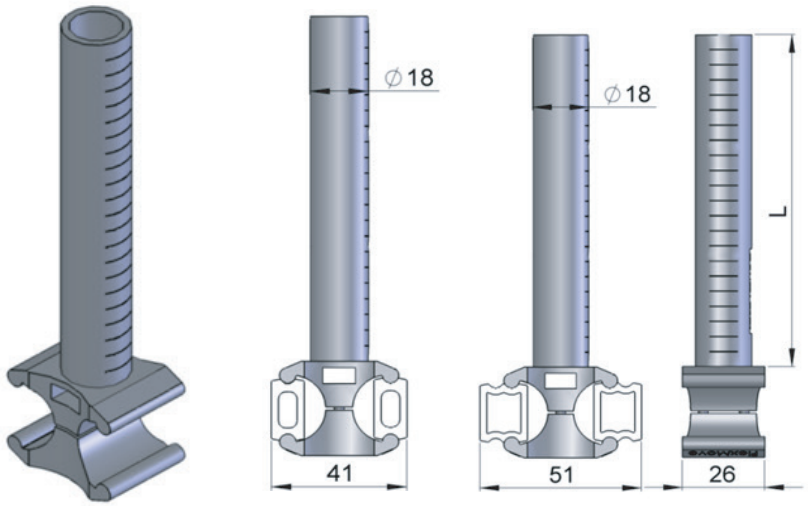



**UOM: 10pcs / pk**

To be used directly with guide rail bracket support FGRF- 42 x 18V or FGRB-18 x 20

## FGRC-18x110C — Double Guide Rail Support, L = 110mm - Polyamide

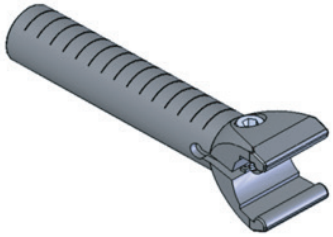
## FGRC-18x160C — Double Guide Rail Support, L = 160mm - Polyamide

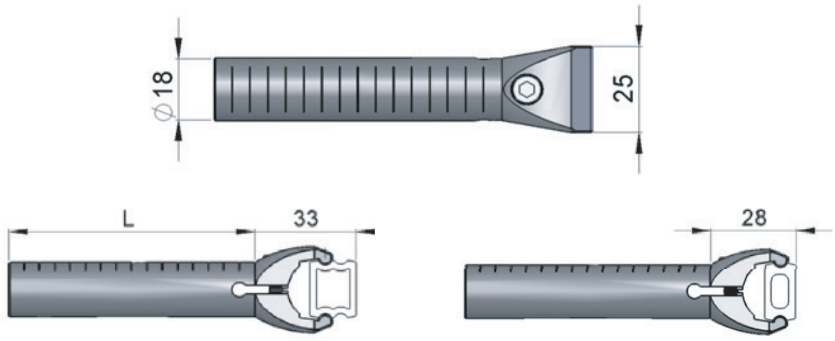



**UOM: 10pcs / pk**

Suitable for use with cross connector FGRB-18 x18 and a crossing 18 mm aluminum tube above the double track.

| | |
|---|---|
| FGRK-18x40A | Guide Rail Support, L = 40mm - Polyamide |
| FGRK-18x60A | Guide Rail Support, L = 60mm - Polyamide |
| FGRK-18x80A | Guide Rail Support, L = 80mm - Polyamide |
| FGRK-18x130A | Guide Rail Support, L = 130mm - Polyamide |

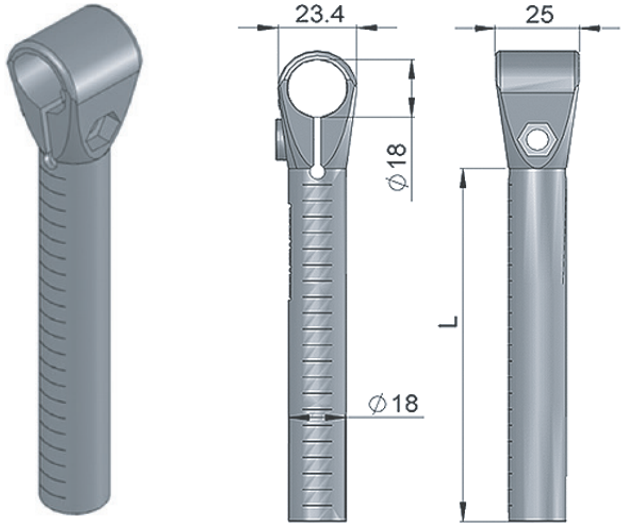





**UOM: 10pcs / pk**

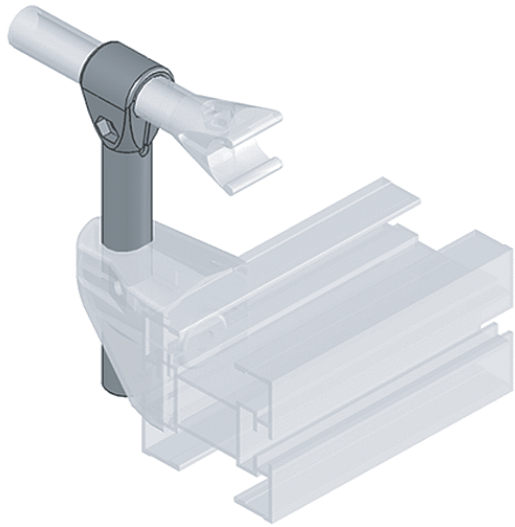
Suitable for use with cross connector FGRB-18 x18 and FGRF – 42 x 18V

| | |
|---|---|
| FGRL-18x110CA | Guide Rail Support, L = 110mm - Polyamide |
| FGRL-18x160CA | Guide Rail Support, L = 160mm - Polyamide |

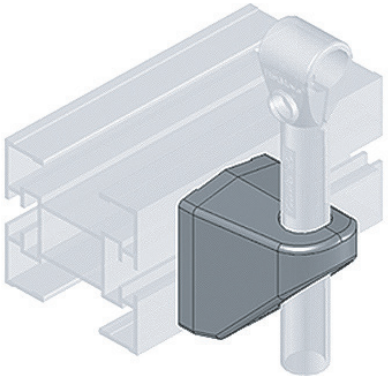


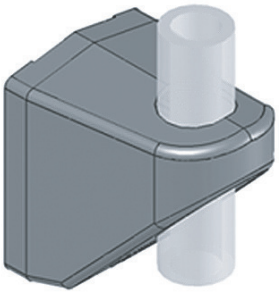

**UOM: 10pcs / pk**

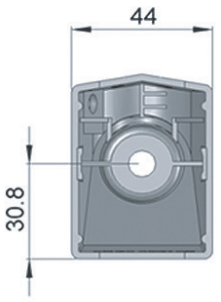
Suitable for use with cross connector FGRK – 18 x 80 / 130 / 40A / 60A / 80A /130A

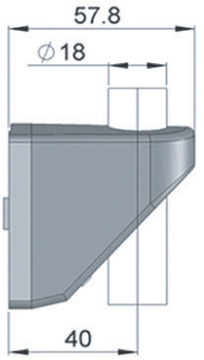


## FGRF-42x18V — Guide Rail Bracket – Polyamide





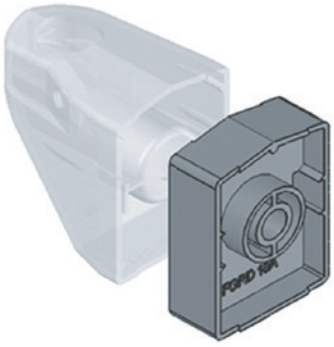


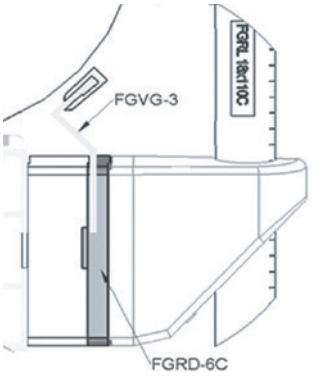

**UOM: 10pcs / pk**

To be used with :

- FGGR - 18 x * 100
- FGRL - 18 x 110C / 160C
- FGRC - 18 x 110C / 160C

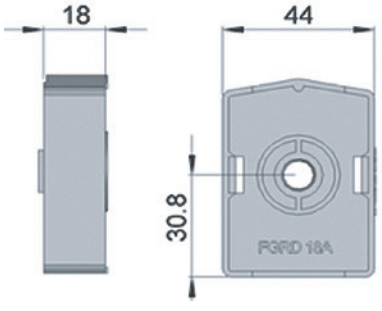


For use with guide rail bracket support FGRF -42 x 18V




## FGRD-18A

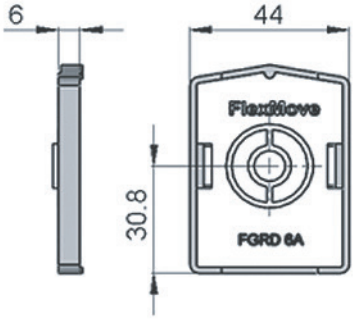
Spacer for FGRF-42x18V - Polyamide




**UOM: 10pcs / pk**

## FGRD-6A

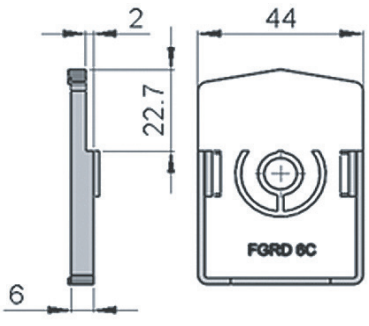
Spacer for FGRF-42x18V - Polyamide




**UOM: 10pcs / pk**

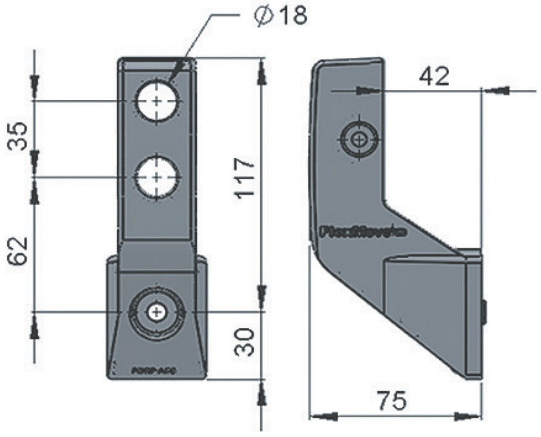
## FGRD-6C

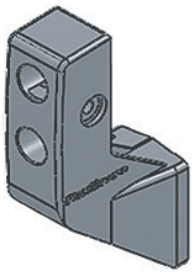
Spacer for FGRF-42x18V - Polyamide




**UOM: 10pcs / pk**

## FGRF-A35 Guide Rail Bracket A35 – Polyamide

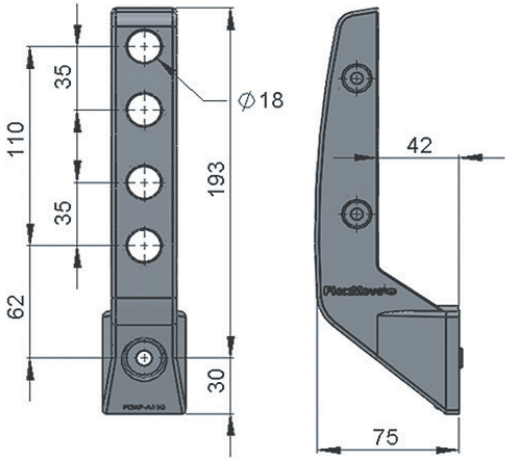


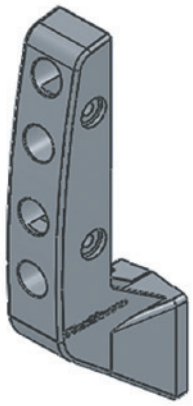



**UOM: 10pcs / pk**

To be used with guide rail support . For 1-2 guide rail levels.

## FGRF-A110 Guide Rail Bracket A110 – Polyamide

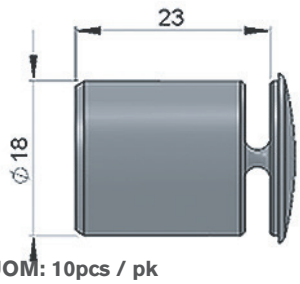


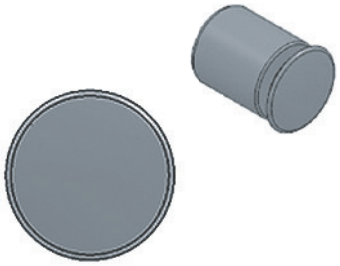



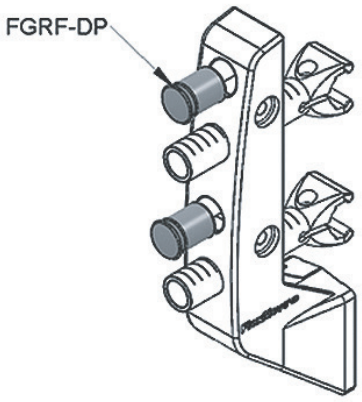
**UOM: 10pcs / pk**

To be used with guide rail support . For 1-4 guide rail levels.

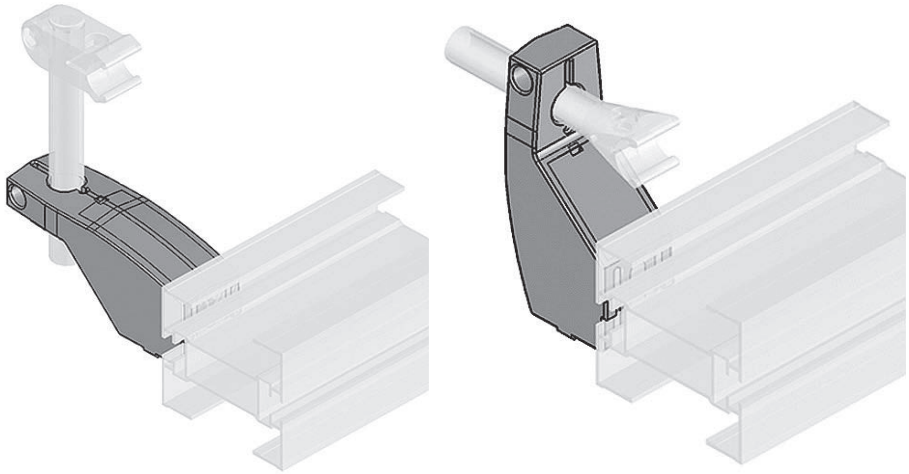
## FGRF-DP FGRF Dummy Plug



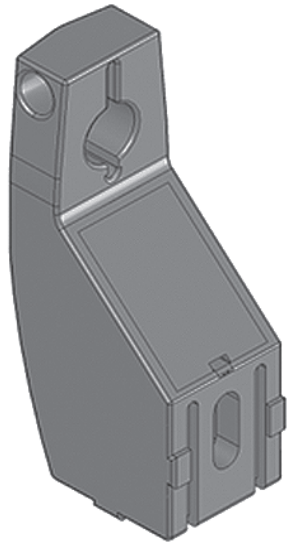



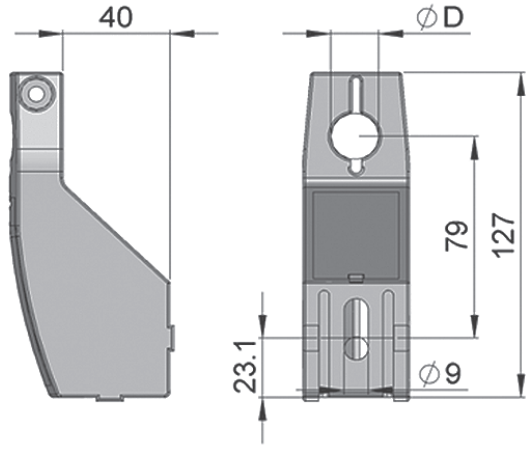



**UOM: 10pcs / pk**



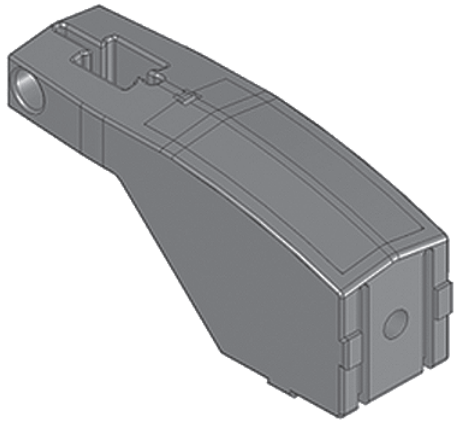
| | |
|---|---|
| FGRB-40x18 | Guide Rail Bracket, D = 18 mm - Polyamide |
| FGRB-40x20 | Guide Rail Bracket, D = 20 mm - Polyamide |

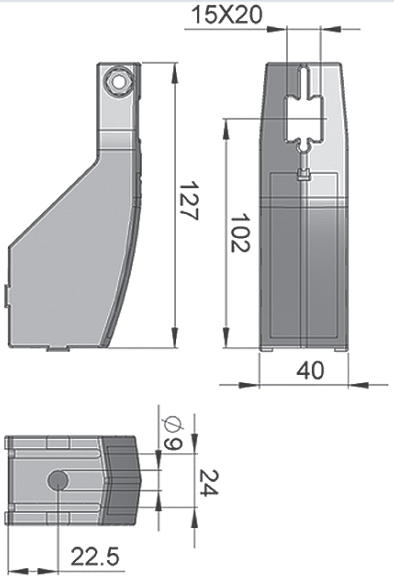


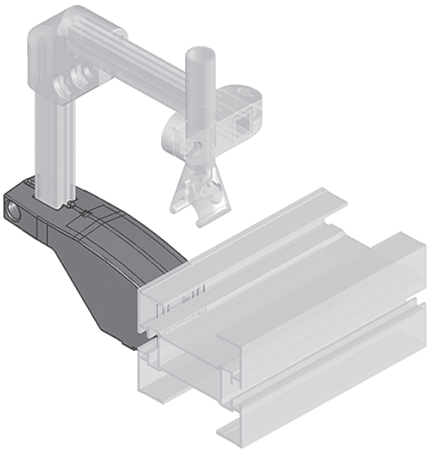



UOM: 10pcs / pk

| | |
|---|---|
| FGRB-40x15x20 | Guide Rail Bracket - Polyamide |



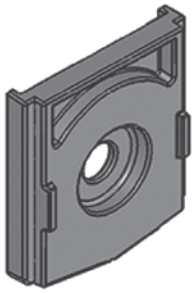


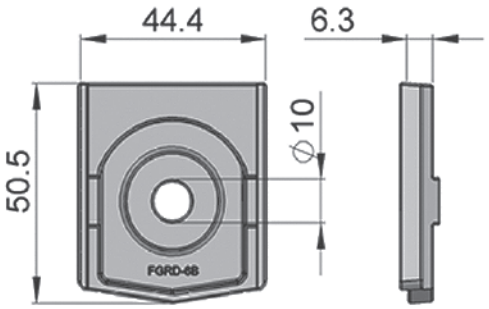



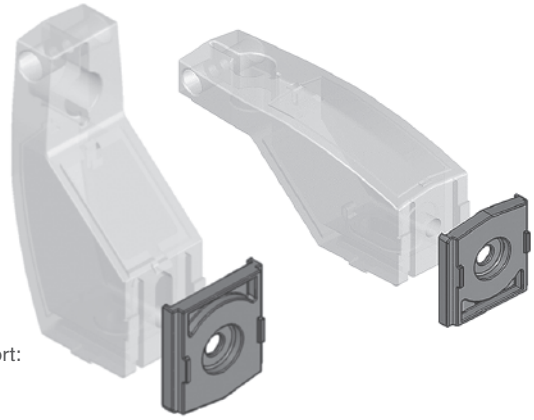
UOM: 10pcs / pk

## FGRD-6B

Spacer for FGRB-40x ## - Polyamide





**UOM: 10pcs / pk**

For use with guide rail bracket support:
FGRB – 40 x 18 / 20
FGRB – 40 x 15 x 20

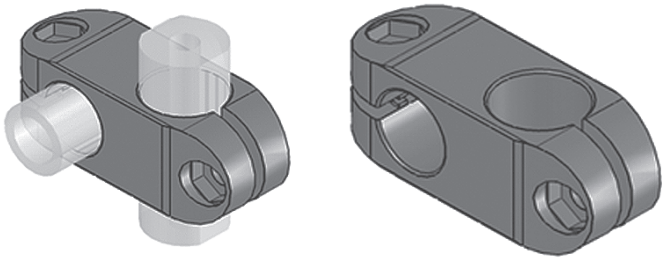
## FGRB-18x18

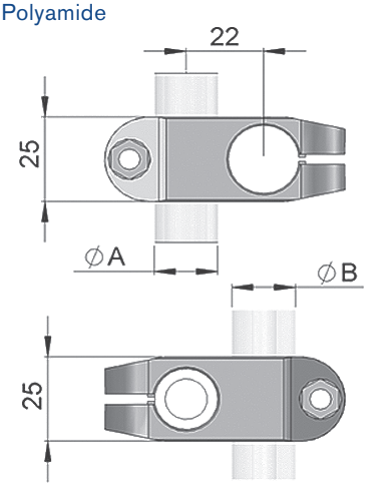
Guide Rail Bracket, ØA = 18 mm, ØB = 18 mm - Polyamide

## FGRB-18x20

## FGRB-20x20

Guide Rail Bracket, ØA = 20 mm, ØB = 20 mm - Polyamide





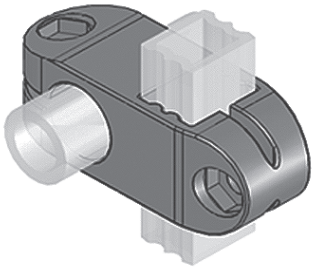

**UOM: 10pcs / pk**

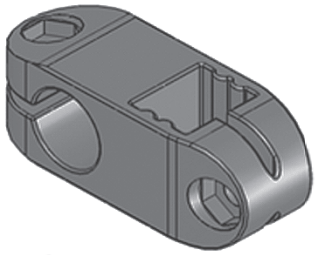
## FGRB-18x20T

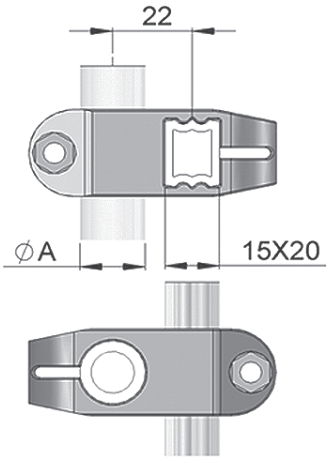
Guide Rail Bracket, ØA = 18mm - Polyamide

## FGRB-20x20T

Guide Rail Bracket, ØA = 20mm - Polyamide

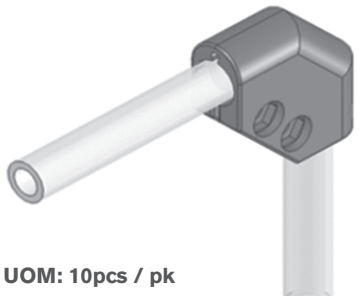


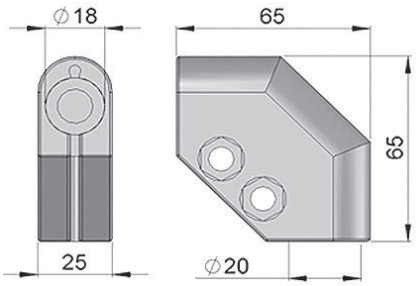





**UOM: 10pcs / pk**

## FGRX-18x20 — 90° Corner Connector - Polyamide



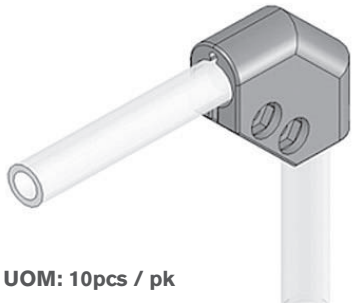


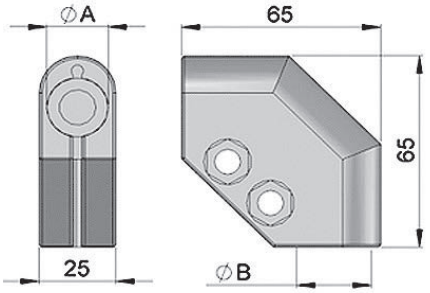

For use with :
FGGR – 18 x 100 / 150 / 200 / 250 / 300
FGDT – 70 / 80 / 100 / 150 / 200 / 250

**UOM: 10pcs / pk**

## FGRX-18x18 — 90° Corner Connector, ØA = 18mm, ØB = 18mm - Polyamide

## FGRX-20x20 — 90° Corner Connector, ØA = 20mm, ØB = 20mm - Polyamide



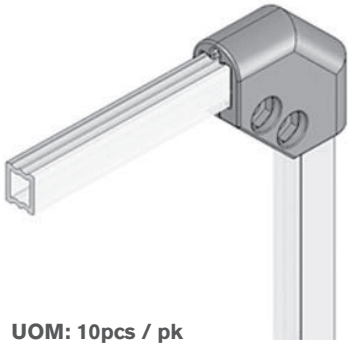


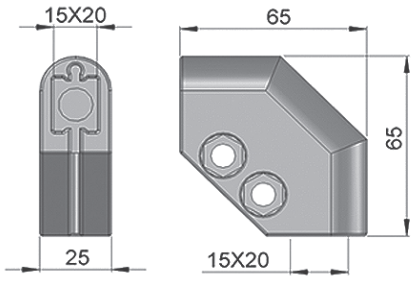

For use with :
FGGR – 18 x 100 / 150 / 200 / 250 / 300
FGDT – 70 / 80 / 100 / 150 / 200 / 250

**UOM: 10pcs / pk**

90° Corner Connector - Polyamide

## FGRX-15x20 — 90° Corner Connector - Polyamide

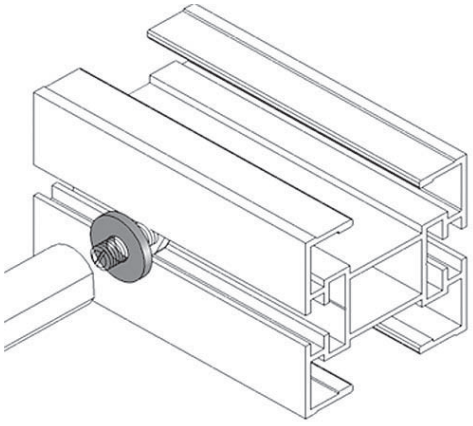


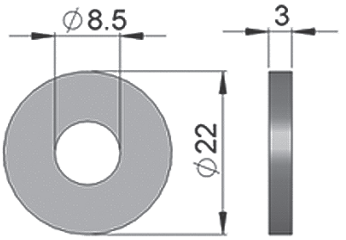



For use with : F
GRR – 15 x 20 / 20 P

**UOM: 10pcs / pk**

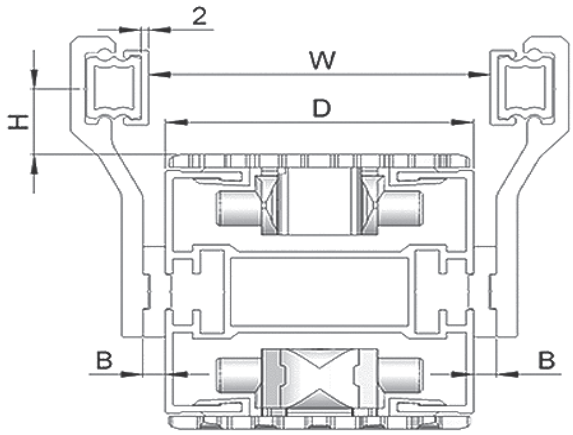
## FGSP-DT — Distance Tube Spacer - POM






**UOM: 10pcs / pk**

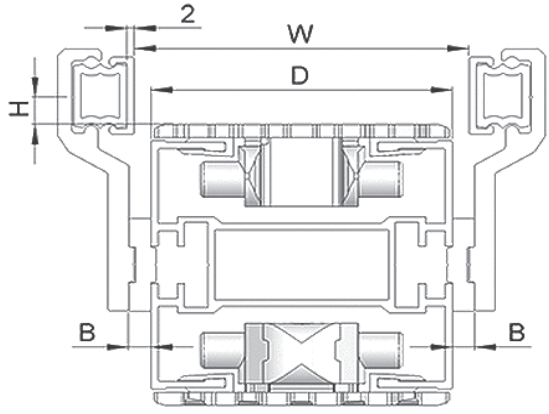
## FGRB-16x54 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-16X54 | FK | 45 | 26 | 41.7 | 54.3 | 66.9 | 79.5 |
| FGRB-16X54 | FS | 65 | 26 | 61.7 | 74.3 | 86.9 | 99.5 |
| FGRB-16X54 | FM | 85 | 20 | 81.7 | 94.3 | 106.9 | 119.5 |
| FGRB-16X54 | FC | 105 | 20 | 101.7 | 114.3 | 126.9 | 139.5 |
| FGRB-16X54 | FL | 150 | 20 | 146.7 | 159.3 | 171.9 | 184.5 |

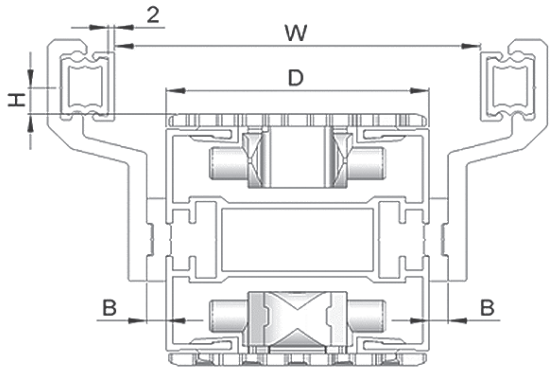
## FGRB-16x42 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-16X42 | FK | 45 | 14 | 41.7 | 54.3 | 66.9 | 79.5 |
| FGRB-16X42 | FS | 65 | 14 | 61.7 | 74.3 | 86.9 | 99.5 |
| FGRB-16X42 | FM | 85 | 8 | - | 94.3 | 106.9 | 119.5 |
| FGRB-16X42 | FC | 105 | 8 | - | 114.3 | 126.9 | 139.5 |
| FGRB-16X42 | FL | 150 | 8 | - | 159.3 | 171.9 | 184.5 |

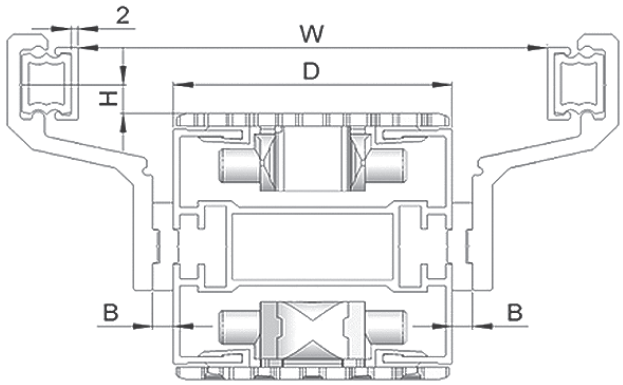
## FGRB-28x42 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-28X42 | FK | 45 | 14 | 65.8 | 78.4 | 91 | 103.6 |
| FGRB-28X42 | FS | 65 | 14 | 85.8 | 98.4 | 111 | 123.6 |
| FGRB-28X42 | FM | 85 | 8 | 105.8 | 118.4 | 131 | 143.6 |
| FGRB-28X42 | FC | 105 | 8 | 125.8 | 138.4 | 151 | 163.6 |
| FGRB-28X42 | FL | 150 | 8 | 170.8 | 183.4 | 196 | 208.6 |

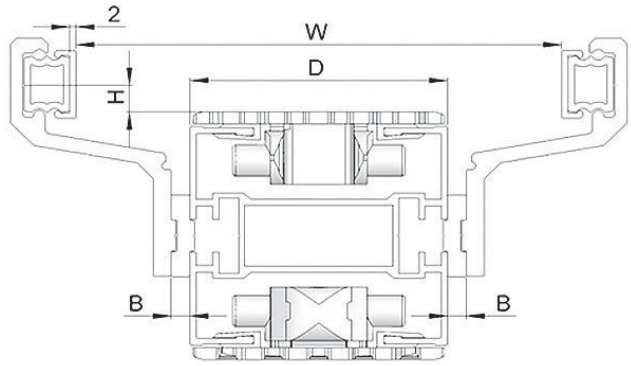
## FGRB-40x42 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-40X42 | FK | 45 | 14 | 90.6 | 103.2 | 115.8 | 128.4 |
| FGRB-40X42 | FS | 65 | 14 | 110.6 | 123.2 | 135.8 | 148.4 |
| FGRB-40X42 | FM | 85 | 8 | 130.6 | 143.2 | 155.8 | 168.4 |
| FGRB-40X42 | FC | 105 | 8 | 150.6 | 163.2 | 175.8 | 188.4 |
| FGRB-40X42 | FL | 150 | 8 | 195.6 | 163.2 | 220.8 | 233.4 |

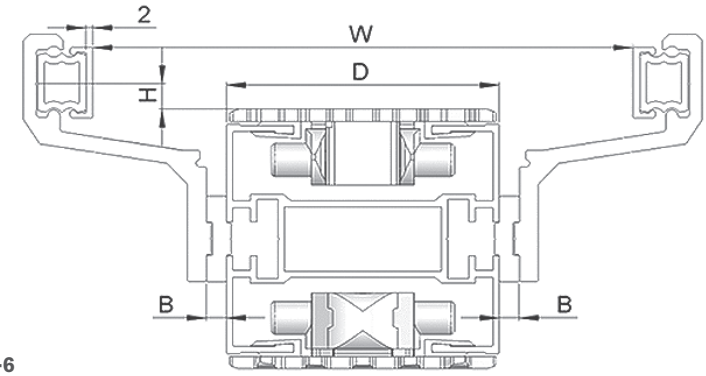
## FGRB-49x42 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-49X42 | FK | 45 | 14 | 107.8 | 120.4 | 133 | 145.6 |
| FGRB-49X42 | FS | 65 | 14 | 127.8 | 140.4 | 153 | 165.6 |
| FGRB-49X42 | FM | 85 | 8 | 147.8 | 160.4 | 173 | 185.6 |
| FGRB-49X42 | FC | 105 | 8 | 167.8 | 180.4 | 193 | 205.6 |
| FGRB-49X42 | FL | 150 | 8 | 212.8 | 225.4 | 238 | 250.6 |

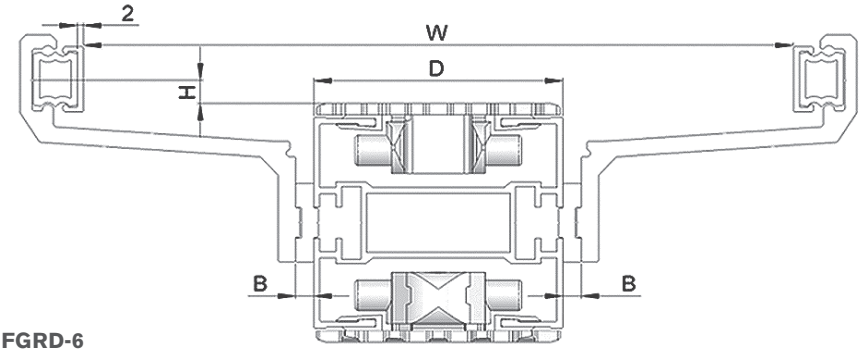
## FGRB-53x42 Fixed Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-53X42 | FK | 45 | 14 | 115.7 | 128.3 | 140.9 | 153.5 |
| FGRB-53X42 | FS | 65 | 14 | 135.7 | 148.3 | 160.9 | 173.5 |
| FGRB-53X42 | FM | 85 | 8 | 155.7 | 168.3 | 180.9 | 193.5 |
| FGRB-53X42 | FC | 105 | 8 | 175.7 | 188.3 | 200.9 | 213.5 |
| FGRB-53X42 | FL | 150 | 8 | 220.7 | 233.3 | 245.9 | 258.5 |

## FGRB-90x42 Fixed Guide Rail Assembly

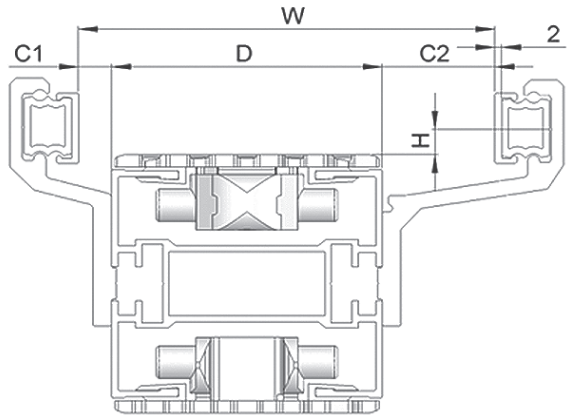



**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) B = 0 | W (mm) B = 6.3 | W (mm) B = 12.6 | W (mm) B = 18.9 |
|---|---|---|---|---|---|---|---|
| FGRB-90X42 | FK | 45 | 14 | 190.3 | 202.9 | 215.5 | 228.1 |
| FGRB-90X42 | FS | 65 | 14 | 210.3 | 222.9 | 235.5 | 248.1 |
| FGRB-90X42 | FM | 85 | 8 | 230.3 | 242.9 | 255.5 | 268.1 |
| FGRB-90X42 | FC | 105 | 8 | 250.3 | 262.9 | 275.5 | 288.1 |
| FGRB-90X42 | FL | 150 | 8 | 295.3 | 307.9 | 320.5 | 333.1 |

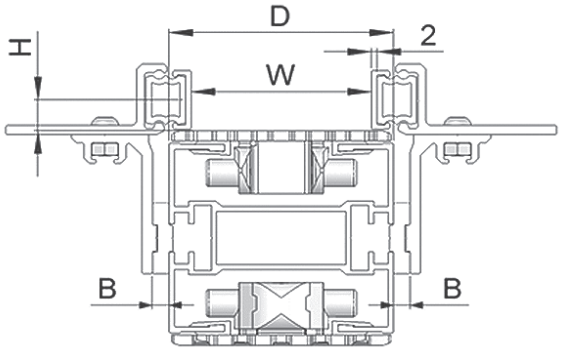
## FGRB Mixed Guide Rail

Mixed Guide Rail Assembly




| Guide Rail Bkt Left | C1 (mm) | Guide Rail Bkt Right | C2 (mm) | Series | D (mm) | H (mm) | W (mm) D + C1 + C2 |
|---|---|---|---|---|---|---|---|
| FGRB-28X42 | 10.4 | FGRB-40X42 | 22.8 | FK | 45 | 14 | 78.2 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 31.4 | FK | 45 | 14 | 86.8 |
| FGRB-28X42 | 10.4 | FGRB-53X42 | 35.3 | FK | 45 | 14 | 90.7 |
| FGRB-28X42 | 10.4 | FGRB-90X42 | 72.4 | FK | 45 | 14 | 127.8 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 22.8 | FS | 65 | 14 | 98.2 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 31.4 | FS | 65 | 14 | 106.8 |
| FGRB-28X42 | 10.4 | FGRB-53X42 | 35.3 | FS | 65 | 14 | 110.7 |
| FGRB-28X42 | 10.4 | FGRB-90X42 | 72.4 | FS | 65 | 14 | 147.8 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 22.8 | FM | 85 | 8 | 118.2 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 31.4 | FM | 85 | 8 | 126.8 |
| FGRB-28X42 | 10.4 | FGRB-53X42 | 35.3 | FM | 85 | 8 | 130.7 |
| FGRB-28X42 | 10.4 | FGRB-90X42 | 72.4 | FM | 85 | 8 | 167.8 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 22.8 | FC | 105 | 8 | 138.2 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 31.4 | FC | 105 | 8 | 146.8 |
| FGRB-28X42 | 10.4 | FGRB-53X42 | 35.3 | FC | 105 | 8 | 150.7 |
| FGRB-28X42 | 10.4 | FGRB-90X42 | 72.4 | FC | 105 | 8 | 187.8 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 22.8 | FL | 150 | 8 | 183.2 |
| FGRB-28X42 | 10.4 | FGRB-40X42 | 31.4 | FL | 150 | 8 | 191.8 |
| FGRB-28X42 | 10.4 | FGRB-53X42 | 35.3 | FL | 150 | 8 | 195.7 |
| FGRB-28X42 | 10.4 | FGRB-90X42 | 72.4 | FL | 150 | 8 | 232.8 |

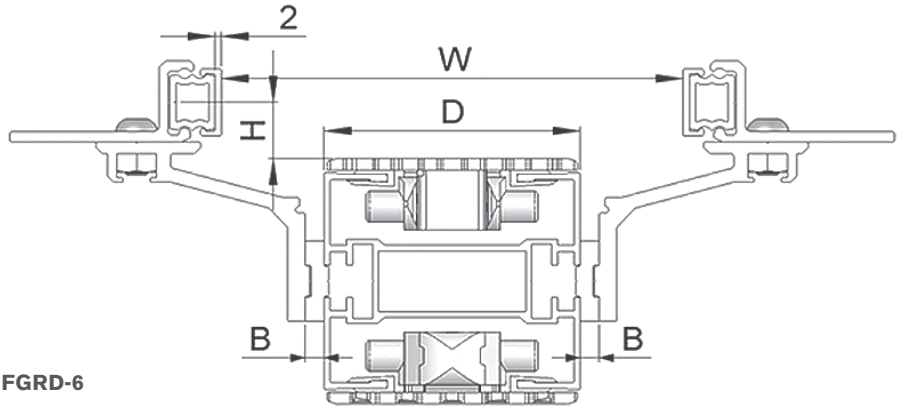
## FGRA-8x39x45 Adjustable Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) min B = 0 | W (mm) max B = 0 | W (mm) min B = 6.3 | W (mm) max B = 6.3 |
|---|---|---|---|---|---|---|---|
| FGRA-8x39x45 | FK | 45 | 17 | 0 | 12.2 | 0 | 24.8 |
| FGRA-8x39x45 | FS | 65 | 17 | 0 | 32.2 | 0 | 44.8 |
| **Guide Rail Bracket** | **Series** | **D (mm)** | **H (mm)** | **W (mm) min B = 12.6** | **W (mm) max B = 12.6** | **W (mm) min B = 18.9** | **W (mm) max B = 18.9** |
| FGRA-8x39x45 | FM | 85 | 11 | 86 | 90 | 86 | 102.6 |
| FGRA-8x39x45 | FC | 105 | 11 | 106 | 110 | 106 | 122.6 |
| FGRA-8x39x45 | FL | 150 | 11 | 156 | 155 | 156 | 167.6 |

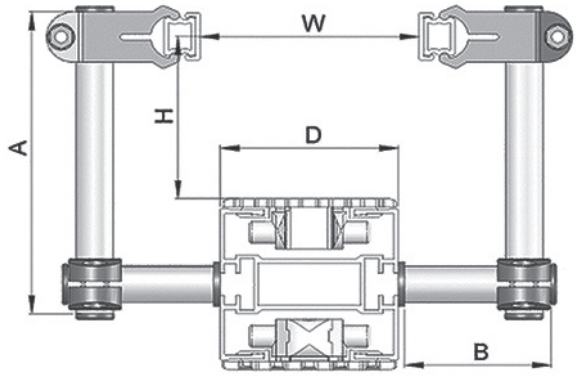
## FGRA-26x39x45 Adjustable Guide Rail Assembly




**B Spacer = FGRD-6**

| Guide Rail Bracket | Series | D (mm) | H (mm) | W (mm) min B = 0 | W (mm) max B = 0 | W (mm) min B = 6.3 | W (mm) max B = 6.3 |
|---|---|---|---|---|---|---|---|
| FGRA-26x39x45 | FK | 45 | 24 | 28.8 | 100.8 | 41.4 | 113.4 |
| FGRA-26x39x45 | FS | 65 | 24 | 48.8 | 120.8 | 61.4 | 133.4 |
| FGRA-26x39x45 | FM | 85 | 18 | 68.8 | 140.8 | 81.4 | 153.4 |
| FGRA-26x39x45 | FC | 105 | 18 | 88.8 | 160.8 | 101.4 | 173.4 |
| FGRA-26x39x45 | FL | 150 | 18 | 133.8 | 205.8 | 146.4 | 218.4 |

## FGRS-18 & FGDT- & FGRR- Guide Rail Assembly




| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRR-100 | FK | 45 | 17 | 35 |
| FGRR-100 | FS | 65 | 17 | 35 |
| FGRR-100 | FM | 85 | 17 | 35 |
| FGRR-100 | FC | 105 | 17 | 30 |
| FGRR-100 | FL | 150 | 17 | 30 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-70 | FK | 45 | 0 | 65 |
| FGDT-70 | FS | 65 | 0 | 85 |
| FGDT-70 | FM | 85 | 16 | 105 |
| FGDT-70 | FC | 105 | 36 | 125 |
| FGDT-70 | FL | 150 | 81 | 170 |

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRR-150 | FK | 45 | 17 | 85 |
| FGRR-150 | FS | 65 | 17 | 85 |
| FGRR-150 | FM | 85 | 17 | 80 |
| FGRR-150 | FC | 105 | 17 | 80 |
| FGRR-150 | FL | 150 | 17 | 80 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-100 | FK | 45 | 0 | 125 |
| FGDT-100 | FS | 65 | 0 | 145 |
| FGDT-100 | FM | 85 | 16 | 165 |
| FGDT-100 | FC | 105 | 36 | 185 |
| FGDT-100 | FL | 150 | 81 | 230 |

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRR-200 | FK | 45 | 17 | 135 |
| FGRR-200 | FS | 65 | 17 | 135 |
| FGRR-200 | FM | 85 | 17 | 130 |
| FGRR-200 | FC | 105 | 17 | 130 |
| FGRR-200 | FL | 150 | 17 | 130 |

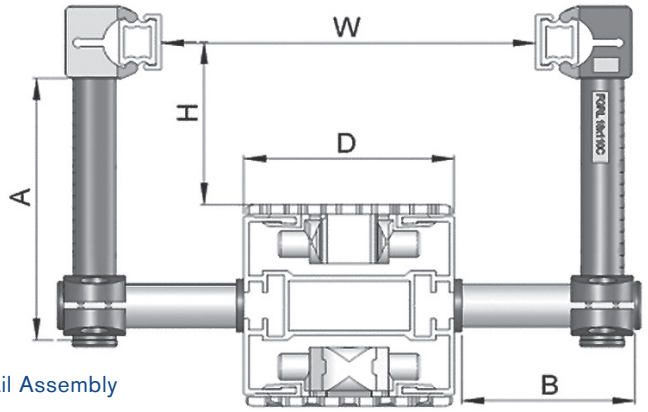
| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-150 | FK | 45 | 0 | 225 |
| FGDT-150 | FS | 65 | 0 | 245 |
| FGDT-150 | FM | 85 | 16 | 265 |
| FGDT-150 | FC | 105 | 36 | 285 |
| FGDT-150 | FL | 150 | 81 | 330 |

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRR-250 | FK | 45 | 17 | 185 |
| FGRR-250 | FS | 65 | 17 | 185 |
| FGRR-250 | FM | 85 | 17 | 180 |
| FGRR-250 | FC | 105 | 17 | 180 |
| FGRR-250 | FL | 150 | 17 | 180 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-200 | FK | 45 | 0 | 325 |
| FGDT-200 | FS | 65 | 0 | 345 |
| FGDT-200 | FM | 85 | 16 | 365 |
| FGDT-200 | FC | 105 | 36 | 385 |
| FGDT-200 | FL | 150 | 81 | 430 |

FGRL-18x110C & FGDT-70
FGRL-18x110C & FGDT-100
FGRL-18x110C & FGDT-150
FGRL-18x110C & FGDT-200

FGRL-18x160C & FGDT-70
FGRL-18x160C & FGDT-100
FGRL-18x160C & FGDT-150
FGRL-18x160C & FGDT-200



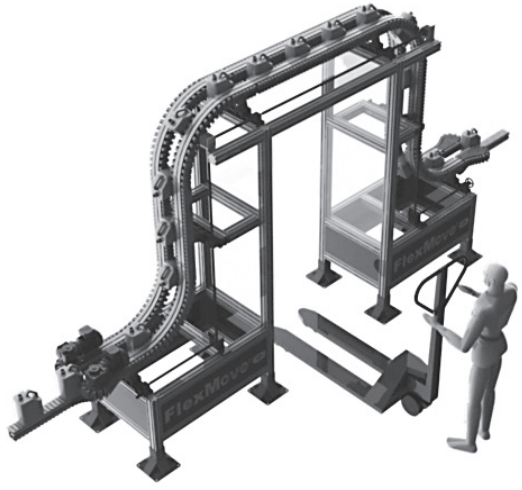

Guide Rail Assembly

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRL-18x110C | FK | 45 | 14 | 70 |
| FGRL-18x110C | FS | 65 | 14 | 70 |
| FGRL-18x110C | FM | 85 | 14 | 65 |
| FGRL-18x110C | FC | 105 | 14 | 65 |
| FGRL-18x110C | FL | 150 | 14 | 65 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-70 | FK | 45 | 23 | 110 |
| FGDT-70 | FS | 65 | 43 | 130 |
| FGDT-70 | FM | 85 | 63 | 150 |
| FGDT-70 | FC | 105 | 83 | 170 |
| FGDT-70 | FL | 150 | 128 | 215 |

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRL-18x160C | FK | 45 | 14 | 120 |
| FGRL-18x160C | FS | 65 | 14 | 120 |
| FGRL-18x160C | FM | 85 | 14 | 115 |
| FGRL-18x160C | FC | 105 | 14 | 115 |
| FGRL-18x160C | FL | 150 | 14 | 115 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-100 | FK | 45 | 23 | 170 |
| FGDT-100 | FS | 65 | 43 | 190 |
| FGDT-100 | FM | 85 | 63 | 210 |
| FGDT-100 | FC | 105 | 83 | 230 |
| FGDT-100 | FL | 150 | 128 | 275 |



| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-150 | FK | 45 | 23 | 270 |
| FGDT-150 | FS | 65 | 43 | 290 |
| FGDT-150 | FM | 85 | 63 | 310 |
| FGDT-150 | FC | 105 | 83 | 330 |
| FGDT-150 | FL | 150 | 128 | 375 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-200 | FK | 45 | 23 | 370 |
| FGDT-200 | FS | 65 | 43 | 390 |
| FGDT-200 | FM | 85 | 63 | 410 |
| FGDT-200 | FC | 105 | 83 | 430 |
| FGDT-200 | FL | 150 | 128 | 475 |

FGRL-18x110C & FGDT-70

FGRL-18x110C & FGDT-100

FGRL-18x110C & FGDT-150

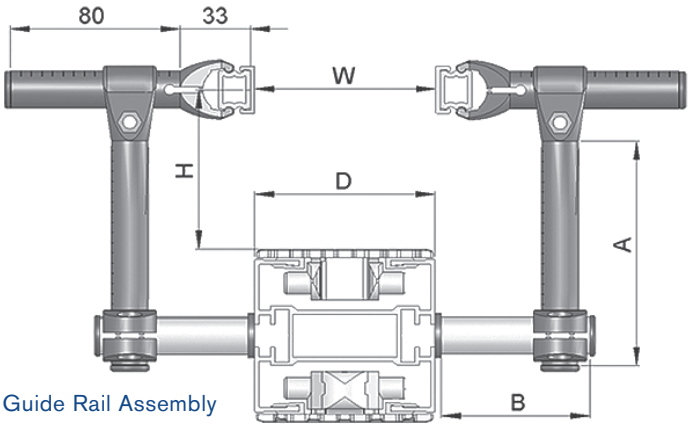
FGRL-18x110C & FGDT-200

FGRL-18x160C & FGDT-70

FGRL-18x160C & FGDT-100

FGRL-18x160C & FGDT-150

FGRL-18x160C & FGDT-200




Guide Rail Assembly

| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRL-18x110C | FK | 45 | 14 | 70 |
| FGRL-18x110C | FS | 65 | 14 | 70 |
| FGRL-18x110C | FM | 85 | 14 | 65 |
| FGRL-18x110C | FC | 105 | 14 | 65 |
| FGRL-18x110C | FL | 150 | 14 | 65 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-70 | FK | 45 | 0 | 68 |
| FGDT-70 | FS | 65 | 0 | 88 |
| FGDT-70 | FM | 85 | 0 | 108 |
| FGDT-70 | FC | 105 | 0 | 128 |
| FGDT-70 | FL | 150 | 0 | 173 |

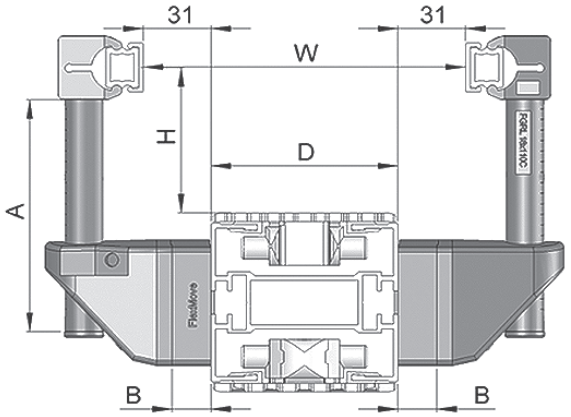
| A (mm) | Series | D (mm) | H (mm) Min | H (mm) Max |
|---|---|---|---|---|
| FGRL-18x160C | FK | 45 | 14 | 120 |
| FGRL-18x160C | FS | 65 | 14 | 120 |
| FGRL-18x160C | FM | 85 | 14 | 115 |
| FGRL-18x160C | FC | 105 | 14 | 115 |
| FGRL-18x160C | FL | 150 | 14 | 115 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-100 | FK | 45 | 0 | 128 |
| FGDT-100 | FS | 65 | 0 | 148 |
| FGDT-100 | FM | 85 | 0 | 168 |
| FGDT-100 | FC | 105 | 0 | 188 |
| FGDT-100 | FL | 150 | 0 | 233 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-150 | FK | 45 | 0 | 228 |
| FGDT-150 | FS | 65 | 0 | 248 |
| FGDT-150 | FM | 85 | 0 | 268 |
| FGDT-150 | FC | 105 | 0 | 288 |
| FGDT-150 | FL | 150 | 0 | 333 |

| B (mm) | Series | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|
| FGDT-200 | FK | 45 | 0 | 328 |
| FGDT-200 | FS | 65 | 0 | 348 |
| FGDT-200 | FM | 85 | 0 | 368 |
| FGDT-200 | FC | 105 | 0 | 388 |
| FGDT-200 | FL | 150 | 0 | 433 |

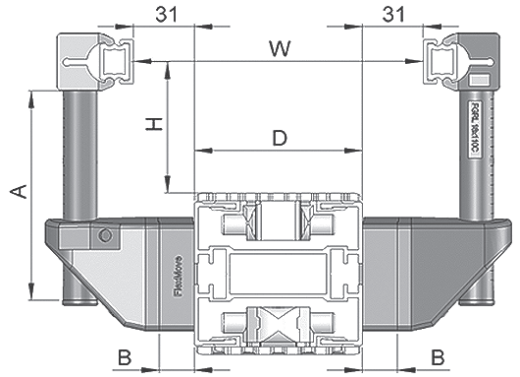
## FGRL-18x110C & FGRF-42x18V Guide Rail Assembly




**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | A (mm) | H (mm) Min | H (mm) Max | W (mm) B = 0 | W (mm) B = 18 | W (mm) B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRL-18x110C | FGRF-42x18V | FK | 45 | 110 | 3 | 75 | 71 | 107 | 143 |
| FGRL-18x110C | FGRF-42x18V | FS | 65 | 110 | 3 | 75 | 91 | 127 | 163 |
| FGRL-18x110C | FGRF-42x18V | FM | 85 | 110 | 3 | 70 | 111 | 147 | 183 |
| FGRL-18x110C | FGRF-42x18V | FC | 105 | 110 | 3 | 70 | 131 | 167 | 203 |
| FGRL-18x110C | FGRF-42x18V | FL | 150 | 110 | 3 | 70 | 176 | 212 | 248 |

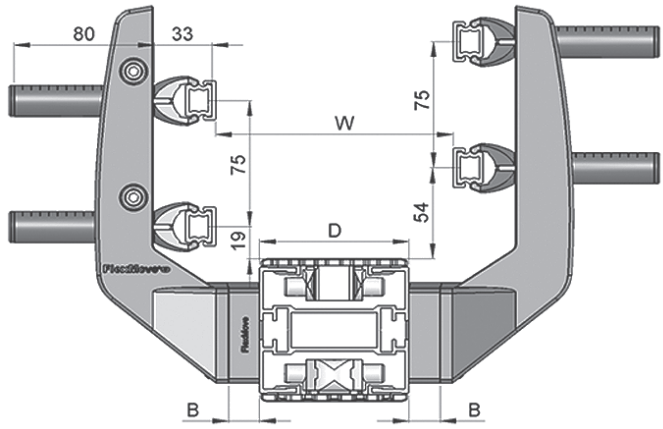
## FGRL-18x160C & FGRF-42x18V Guide Rail Assembly




**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | A (mm) | H (mm) Min | H (mm) Max | W (mm) B = 0 | W (mm) B = 18 | W (mm) B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRL-18x160C | FGRF-42x18V | FK | 45 | 160 | 3 | 135 | 71 | 107 | 143 |
| FGRL-18x160C | FGRF-42x18V | FS | 65 | 160 | 3 | 135 | 91 | 127 | 163 |
| FGRL-18x160C | FGRF-42x18V | FM | 85 | 160 | 3 | 130 | 111 | 147 | 183 |
| FGRL-18x160C | FGRF-42x18V | FC | 105 | 160 | 3 | 130 | 131 | 167 | 203 |
| FGRL-18x160C | FGRF-42x18V | FL | 150 | 160 | 3 | 130 | 176 | 212 | 248 |

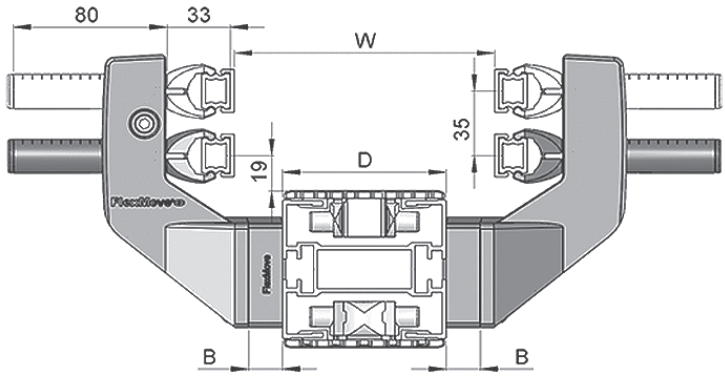
## FGRF-42x62-A110 & FGRK-18x80A Guide Rail Assembly




**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | W min B = 0 | W min B = 18 | W min B = 36 | W max B = 0 | W max B = 18 | W max B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRF-42x62-A110 | FGRK-18x80A | FK | 45 | 0 | 3 | 39 | 61 | 97 | 133 |
| FGRF-42x62-A110 | FGRK-18x80A | FS | 65 | 0 | 23 | 59 | 81 | 117 | 153 |
| FGRF-42x62-A110 | FGRK-18x80A | FM | 85 | 7 | 43 | 79 | 101 | 137 | 173 |
| FGRF-42x62-A110 | FGRK-18x80A | FC | 105 | 27 | 63 | 99 | 121 | 157 | 193 |
| FGRF-42x62-A110 | FGRK-18x80A | FL | 150 | 72 | 108 | 144 | 166 | 202 | 238 |

## FGRF-42x62-A35 & FGRK-18x80A Guide Rail Assembly

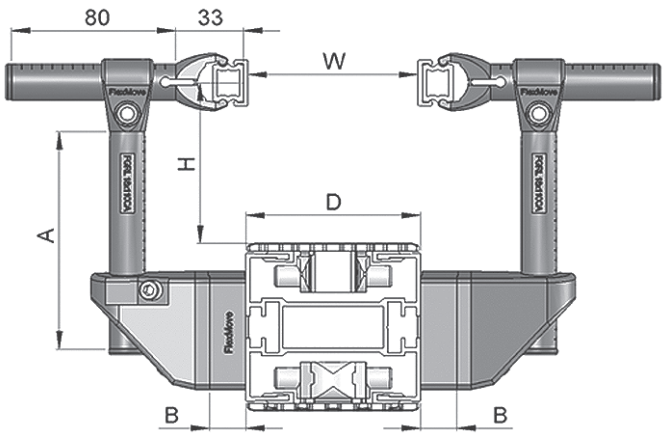



**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | W min B = 0 | W min B = 18 | W min B = 36 | W max B = 0 | W max B = 18 | W max B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRF-42x62-A35 | FGRK-18x80A | FK | 45 | 0 | 3 | 39 | 61 | 97 | 133 |
| FGRF-42x62-A35 | FGRK-18x80A | FS | 65 | 0 | 23 | 59 | 81 | 117 | 153 |
| FGRF-42x62-A35 | FGRK-18x80A | FM | 85 | 7 | 43 | 79 | 101 | 137 | 173 |
| FGRF-42x62-A35 | FGRK-18x80A | FC | 105 | 27 | 63 | 99 | 121 | 157 | 193 |
| FGRF-42x62-A35 | FGRK-18x80A | FL | 150 | 72 | 108 | 144 | 166 | 202 | 238 |

## FGRF-42x18V & FGRK-18x80A & FGRL18x110CA

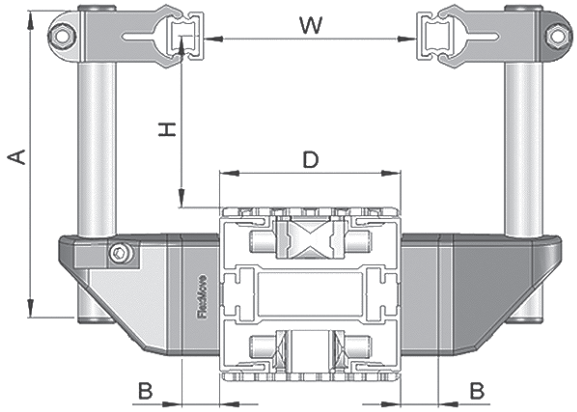
## FGRF-42x18V & FGRK-18x80A & FGRL18x160CA




**B Spacer = FGRD-18A**

| Guide Rail | Series | D (mm) | A = 110 H (mm) Min | A = 110 H (mm) Max | A = 160 H (mm) Min | A = 160 H (mm) Max | B (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|---|---|---|---|---|
| FGRL-18x110C | FK | 45 | 3 | 83 | 3 | 138 | 0 | 0 | 30 |
| FGRL-18x110C | FS | 65 | 3 | 83 | 3 | 138 | 0 | 0 | 50 |
| FGRL-18x110C | FM | 85 | 3 | 83 | 3 | 133 | 0 | 0 | 70 |
| FGRL-18x110C | FC | 105 | 3 | 83 | 3 | 133 | 0 | 0 | 90 |
| FGRL-18x110C | FL | 150 | 3 | 83 | 3 | 133 | 0 | 25 | 135 |
| FGRL-18x110C | FK | 45 | 3 | 83 | 3 | 138 | 18 | 0 | 78 |
| FGRL-18x110C | FS | 65 | 3 | 83 | 3 | 138 | 18 | 0 | 86 |
| FGRL-18x110C | FM | 85 | 3 | 83 | 3 | 133 | 18 | 0 | 106 |
| FGRL-18x110C | FC | 105 | 3 | 83 | 3 | 133 | 18 | 16 | 126 |
| FGRL-18x110C | FL | 150 | 3 | 83 | 3 | 133 | 18 | 61 | 171 |
| FGRL-18x110C | FK | 45 | 3 | 83 | 3 | 138 | 36 | 0 | 112 |
| FGRL-18x110C | FS | 65 | 3 | 83 | 3 | 138 | 36 | 12 | 132 |
| FGRL-18x110C | FM | 85 | 3 | 83 | 3 | 133 | 36 | 32 | 152 |
| FGRL-18x110C | FC | 105 | 3 | 83 | 3 | 133 | 36 | 52 | 172 |
| FGRL-18x110C | FL | 150 | 3 | 83 | 3 | 133 | 36 | 97 | 217 |
| FGRL-18x110C | FK | 45 | 3 | 83 | 3 | 138 | 54 | 28 | 148 |
| FGRL-18x110C | FS | 65 | 3 | 83 | 3 | 138 | 54 | 48 | 168 |
| FGRL-18x110C | FM | 85 | 3 | 83 | 3 | 133 | 54 | 68 | 188 |
| FGRL-18x110C | FC | 105 | 3 | 83 | 3 | 133 | 54 | 88 | 208 |
| FGRL-18x110C | FL | 150 | 3 | 83 | 3 | 133 | 54 | 133 | 243 |

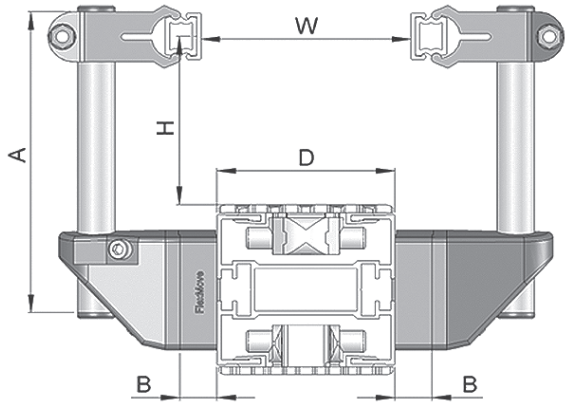
## FGRF-42x18V FGRS-18 & FGDT-150 Guide Rail Assembly




**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | A (mm) | H (mm) Min | H (mm) Max | W (mm) B = 0 | W (mm) B = 18 | W (mm) B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRS-18 | FGDT-150 | FK | 45 | 150 | 3 | 90 | 24 | 60 | 96 |
| FGRS-18 | FGDT-150 | FS | 65 | 150 | 3 | 90 | 44 | 80 | 116 |
| FGRS-18 | FGDT-150 | FM | 85 | 150 | 3 | 85 | 64 | 100 | 136 |
| FGRS-18 | FGDT-150 | FC | 105 | 150 | 3 | 85 | 84 | 120 | 156 |
| FGRS-18 | FGDT-150 | FL | 150 | 150 | 3 | 85 | 129 | 165 | 201 |

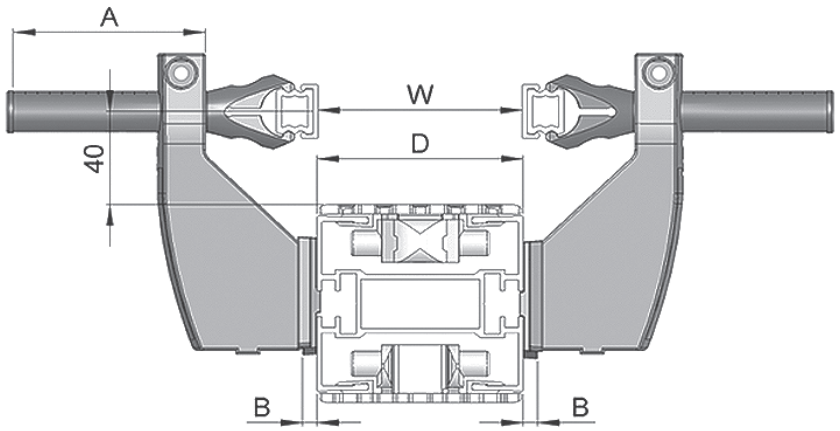
## FGRF-42x18V FGRS-18 & FGDT-200 Guide Rail Assembly




**B Spacer = FGRD-18A**

| Guide Rail | Guide Rail | Series | D (mm) | A (mm) | H (mm) Min | H (mm) Max | W (mm) B = 0 | W (mm) B = 18 | W (mm) B = 36 |
|---|---|---|---|---|---|---|---|---|---|
| FGRS-18 | FGDT-200 | FK | 45 | 200 | 3 | 140 | 24 | 60 | 96 |
| FGRS-18 | FGDT-200 | FS | 65 | 200 | 3 | 140 | 44 | 80 | 116 |
| FGRS-18 | FGDT-200 | FM | 85 | 200 | 3 | 135 | 64 | 100 | 136 |
| FGRS-18 | FGDT-200 | FC | 105 | 200 | 3 | 135 | 84 | 120 | 156 |
| FGRS-18 | FGDT-200 | FL | 150 | 200 | 3 | 135 | 129 | 165 | 201 |

## FGRB-40x18 & FGRK-18x80 Guide Rail Assembly

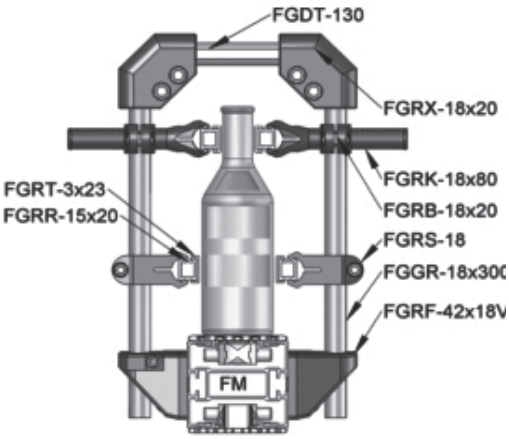


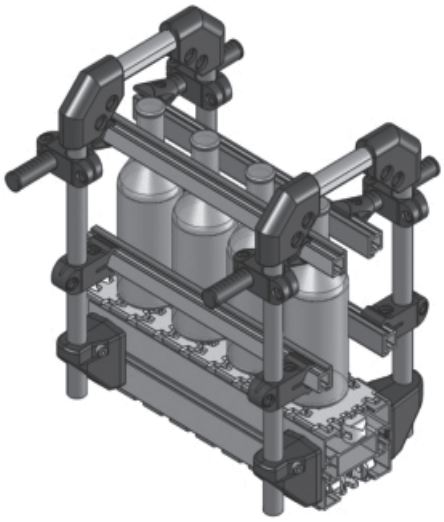

**B Spacer = FGRD-6B**

| Guide Rail | Guide Rail | Series | A (mm) | B (mm) | D (mm) | W (mm) Min | W (mm) Max |
|---|---|---|---|---|---|---|---|
| FGRB-40x18 | FGRK-18x80 | FK | 80 | 0 | 45 | 0 | 55 |
| FGRB-40x18 | FGRK-18x80 | FS | 80 | 0 | 65 | 0 | 75 |
| FGRB-40x18 | FGRK-18x80 | FM | 80 | 0 | 85 | 0 | 95 |
| FGRB-40x18 | FGRK-18x80 | FC | 80 | 0 | 105 | 15 | 115 |
| FGRB-40x18 | FGRK-18x80 | FL | 80 | 0 | 150 | 60 | 160 |
| FGRB-40x18 | FGRK-18x80 | FK | 80 | 6 | 45 | 0 | 67 |
| FGRB-40x18 | FGRK-18x80 | FS | 80 | 6 | 65 | 0 | 87 |
| FGRB-40x18 | FGRK-18x80 | FM | 80 | 6 | 85 | 7 | 107 |
| FGRB-40x18 | FGRK-18x80 | FC | 80 | 6 | 105 | 27 | 127 |
| FGRB-40x18 | FGRK-18x80 | FL | 80 | 6 | 150 | 72 | 172 |
| FGRB-40x18 | FGRK-18x80 | FK | 80 | 12 | 45 | 0 | 79 |
| FGRB-40x18 | FGRK-18x80 | FS | 80 | 12 | 65 | 0 | 99 |
| FGRB-40x18 | FGRK-18x80 | FM | 80 | 12 | 85 | 19 | 119 |
| FGRB-40x18 | FGRK-18x80 | FC | 80 | 12 | 105 | 39 | 139 |
| FGRB-40x18 | FGRK-18x80 | FL | 80 | 12 | 150 | 84 | 184 |
| FGRB-40x18 | FGRK-18x80 | FK | 80 | 18 | 45 | 1 | 91 |
| FGRB-40x18 | FGRK-18x80 | FS | 80 | 18 | 65 | 21 | 111 |
| FGRB-40x18 | FGRK-18x80 | FM | 80 | 18 | 85 | 31 | 131 |
| FGRB-40x18 | FGRK-18x80 | FC | 80 | 18 | 105 | 51 | 151 |
| FGRB-40x18 | FGRK-18x80 | FL | 80 | 18 | 150 | 96 | 196 |

## Bottling Guide Rail Assembly

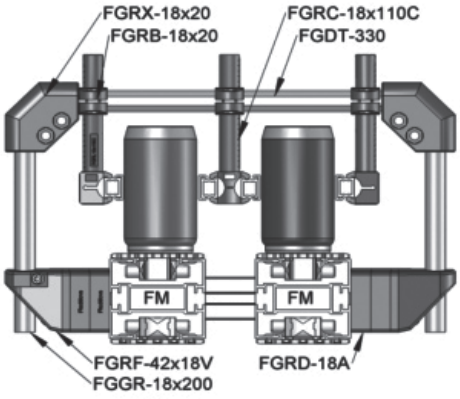
Bottles Handling

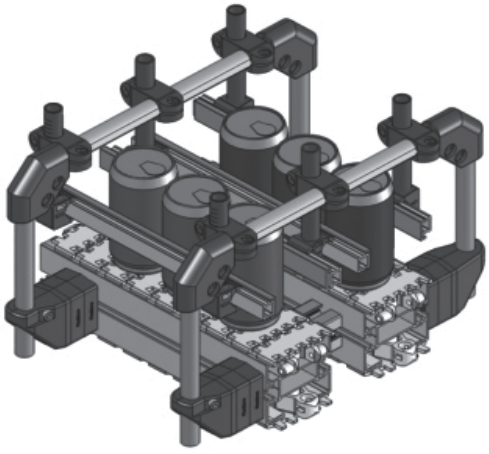


## Double Track Guide Rail Assembly

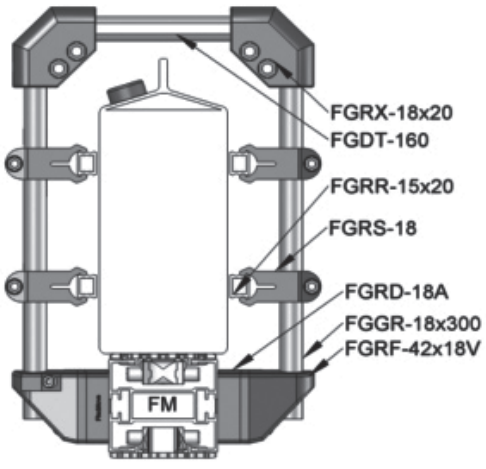
Cans Handling

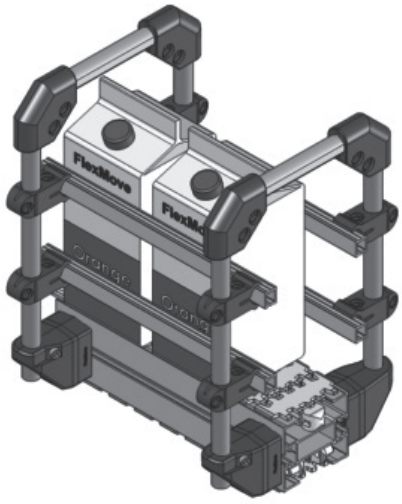


## Duo-Layer Guide Rail Assembly

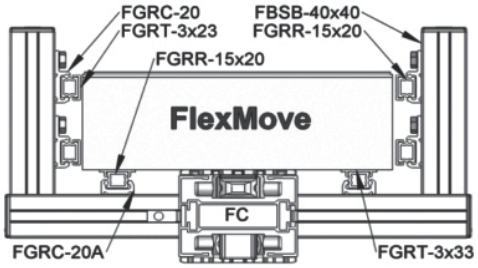
Box Handling

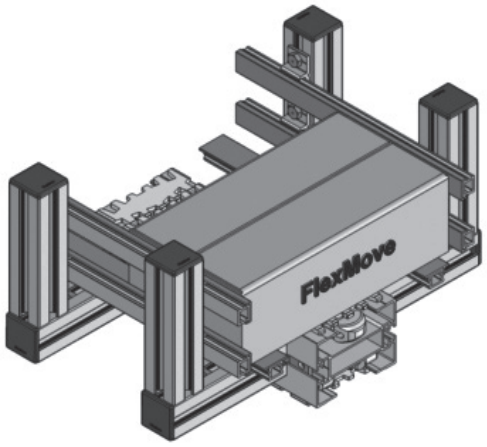


## Extra Bottom Guide Rail Assembly

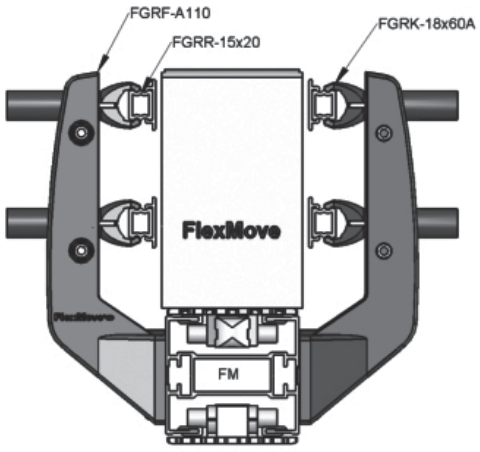
Carton Box Handling

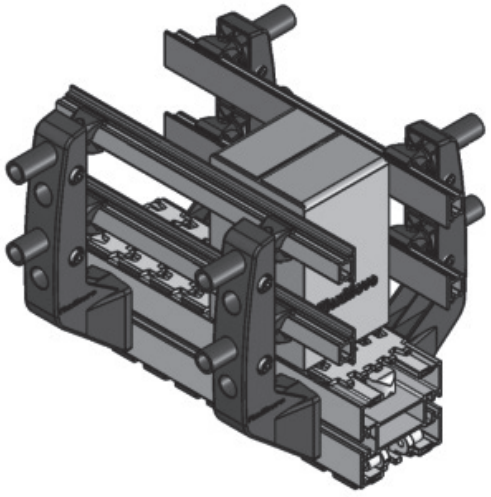



## Width Adjustment Guide Rail Assembly

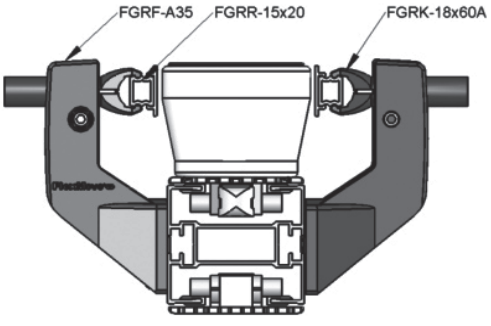
Packaging Box Handling

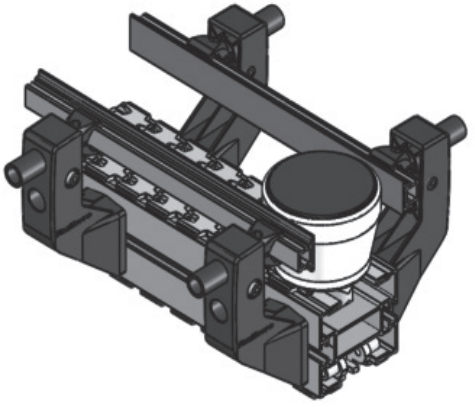


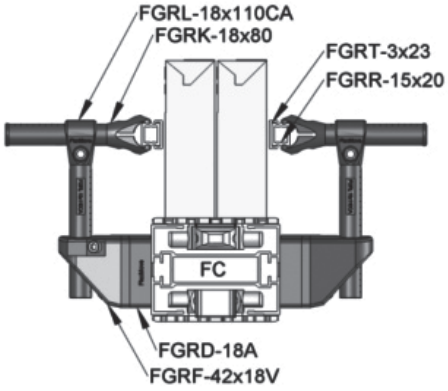
## Width Adjustment Guide Rail Assembly

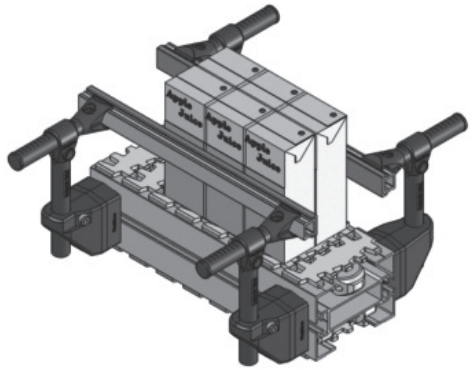
Container Handling



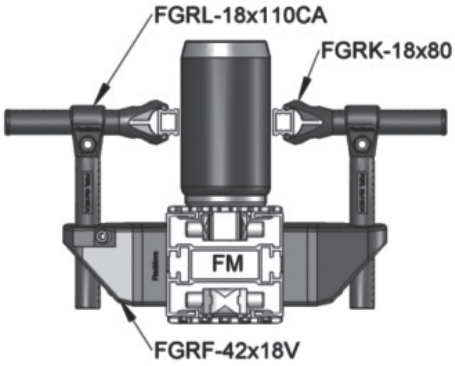



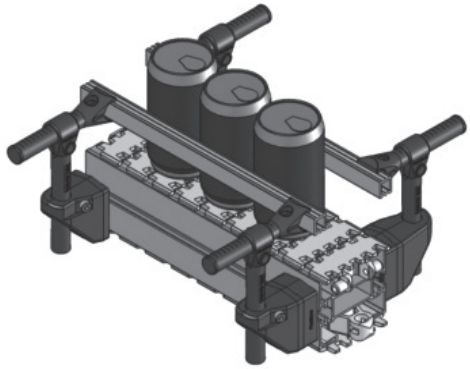
## Width & Height Adjustable Guide Rail Assembly — Box Handling



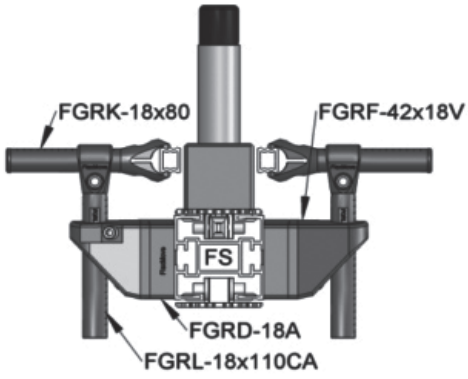



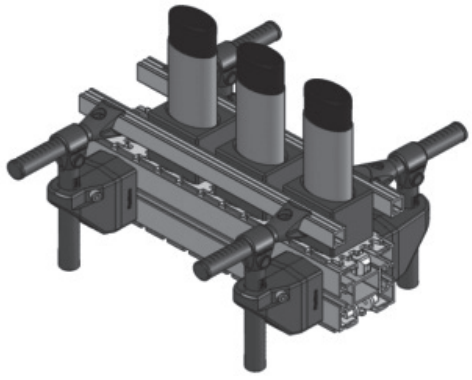
## Width & Height Adjustable Guide Rail Assembly — Cans Handling



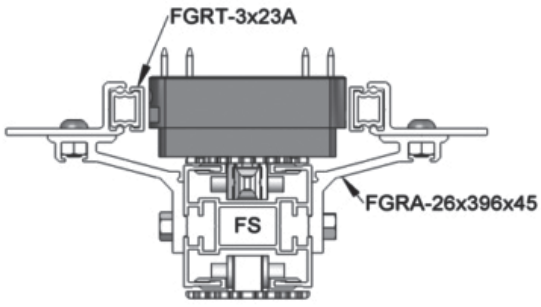



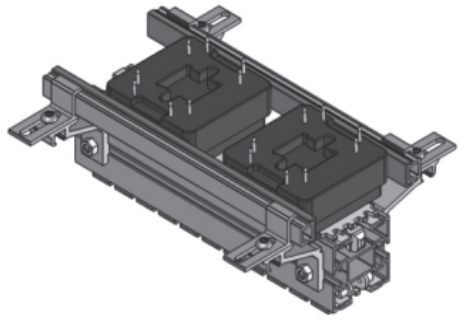
## Width & Height Adjustable Guide Rail Assembly — Pucks Handling



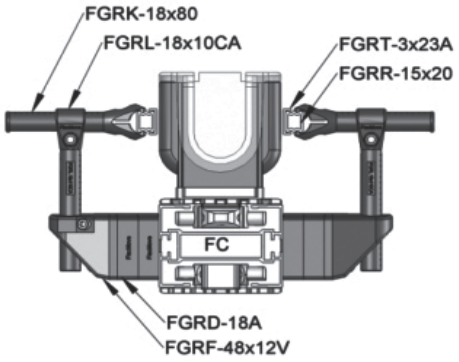
## Pallet Assembly Line Guide Rail — Electronic Assembly Handling

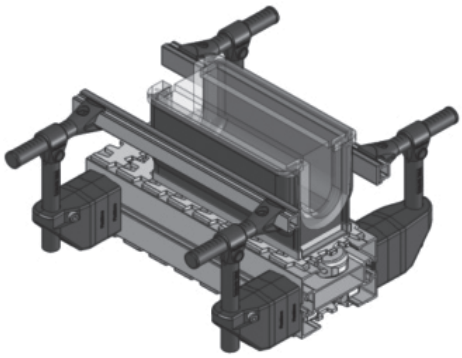


## Cassette Guide Rail Assembly

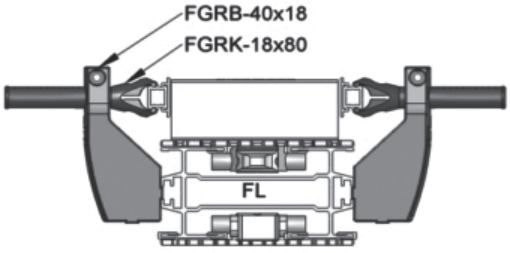
Disc Drive Cassette Handling

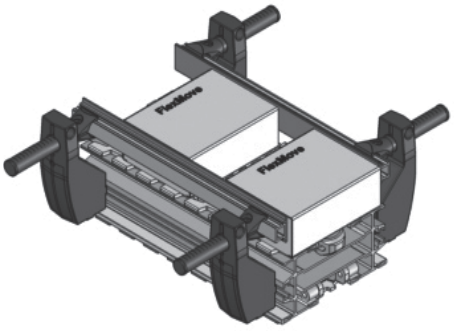


## Width Adjustable Guide Rail Assembly

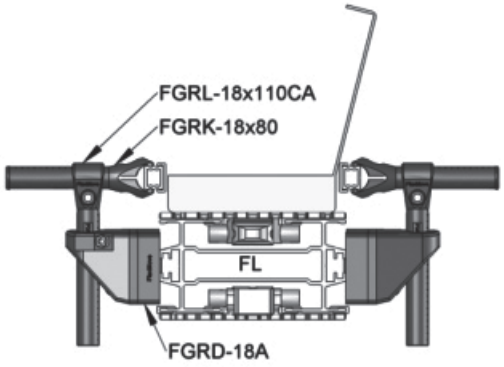
Box Handling

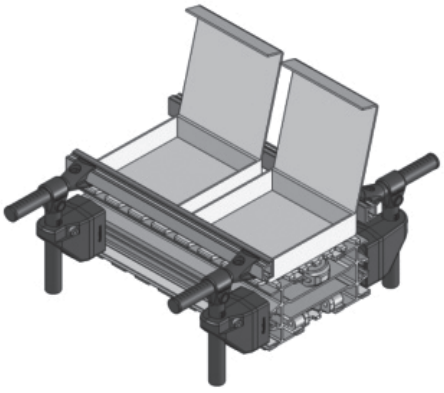


## Width & Height Adjustable Guide Rail Assembly

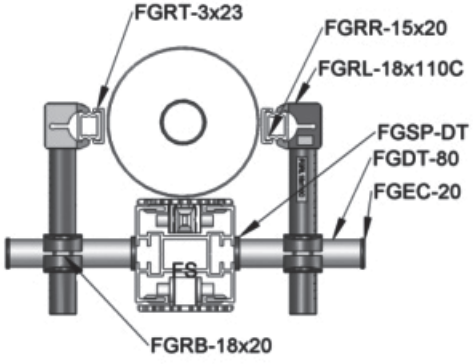
Packaging Box Handling

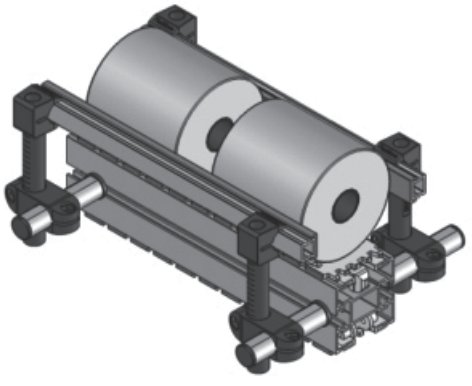


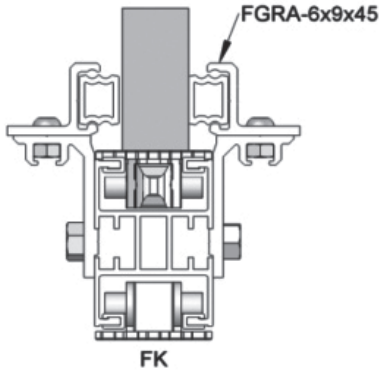



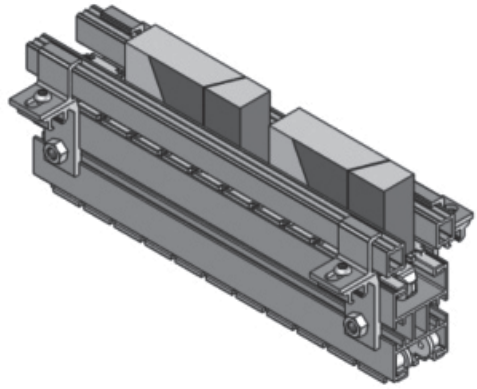
## Width & Height Guide Rail Assembly

Paper Converting Handling

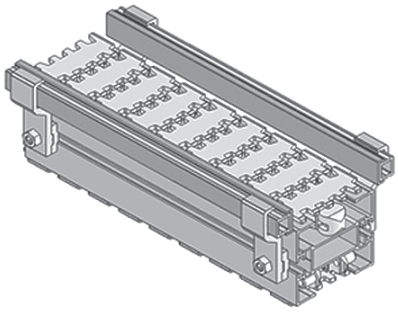


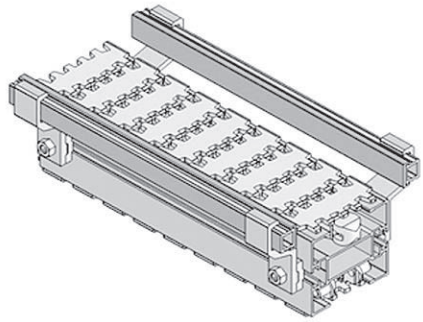


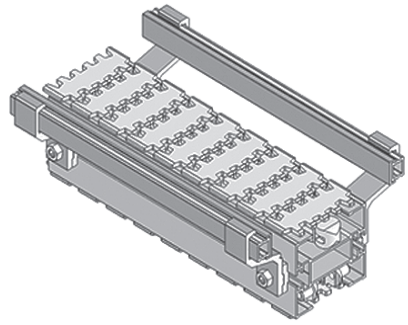
## FGRB-16x42 Assembly



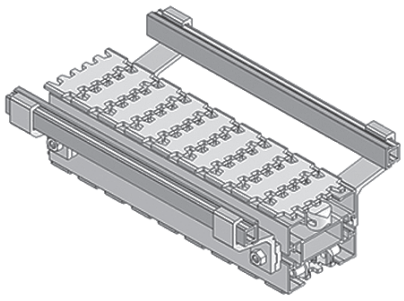
## FGRB-28x42 Assembly



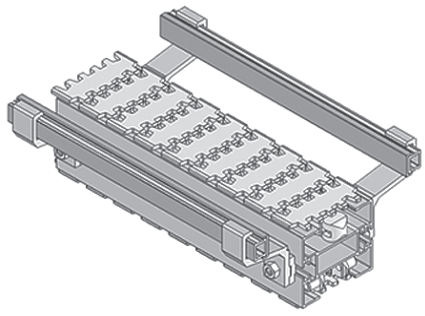
## FGRB-40x42 Assembly



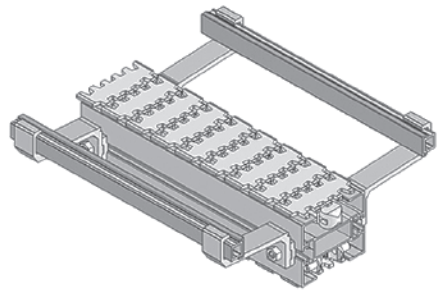
## FGRB-49x42 Assembly



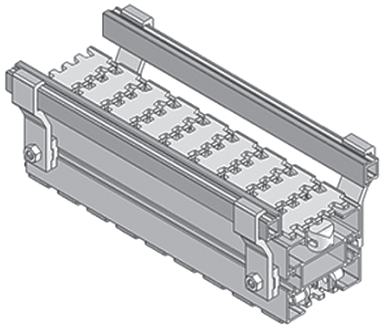
## FGRB-53x42 Assembly



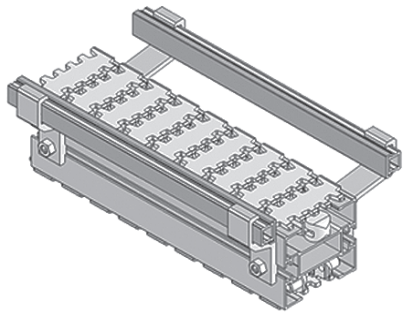
## FGRB-90x42 Assembly



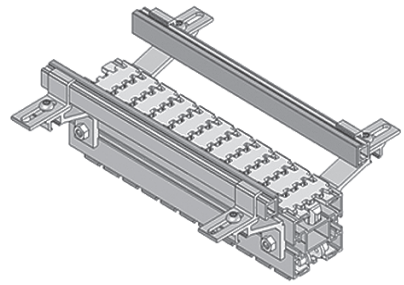
## FGRB-16x54 Assembly



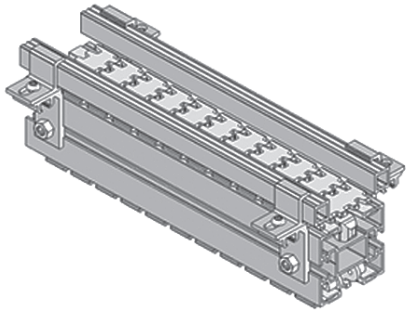
## Guide Rail Assembly



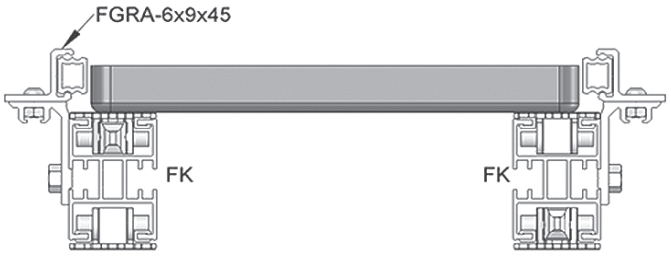
## FGRA-26x39x45 Assembly



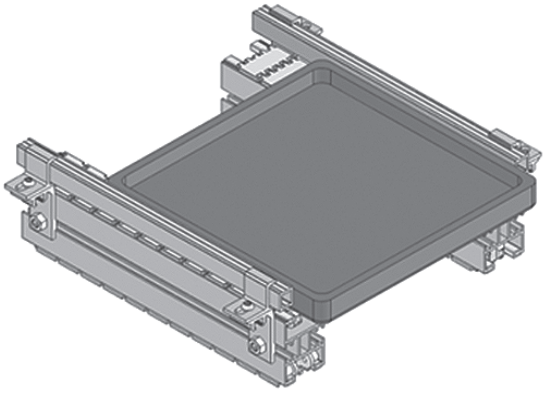
## FGRA-6x9x45 Assembly



## Twin Track Pallet Guide Rail Assembly

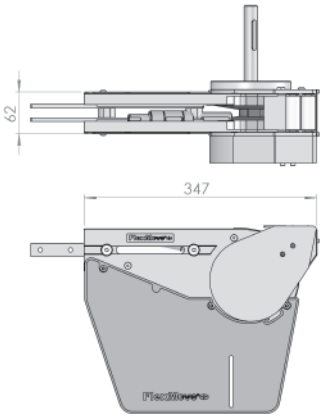


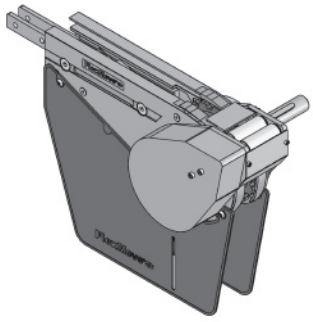

## Pallet Handling

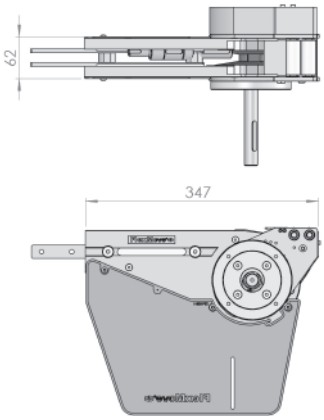


## DRIVEN TRANSFER BRIDGE

| FKDD-A45DB-A-0L | FKDD-A45DB-A-0R |
|---|---|
| FK Direct Drive Driven Transfer Bridge (L) | FK Direct Drive Driven Transfer Bridge (R) |

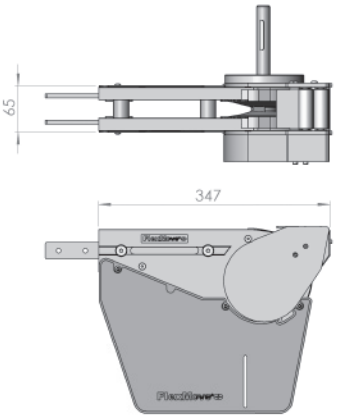


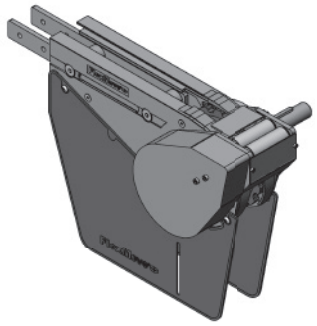



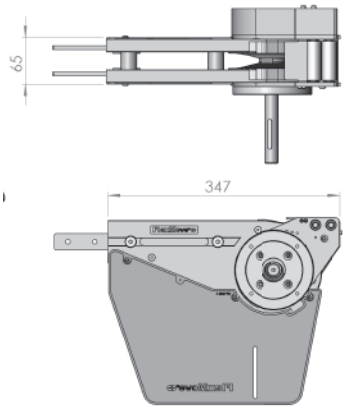



**UOM : Unit**

| FSDD-A65DB-A-0L | FSDD-A65DB-A-0R |
|---|---|
| FS Direct Drive Driven Transfer Bridge (L) | FS Direct Drive Driven Transfer Bridge (R) |

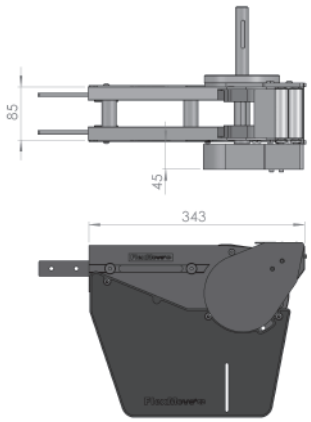


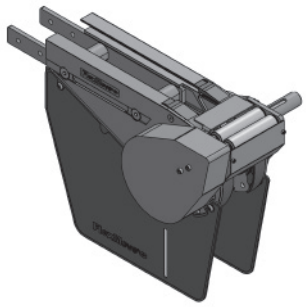



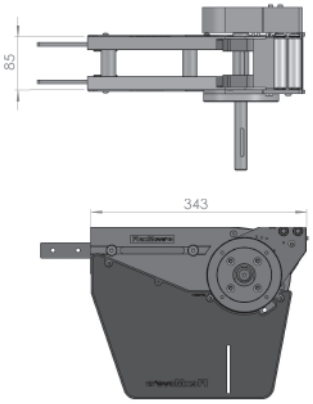



**UOM : Unit**

| FMDD-A85DB-A-0L | FMDD-A85DB-A-0R |
|---|---|
| FM Direct Drive Driven Transfer Bridge (L) | FM Direct Drive Driven Transfer Bridge (R) |



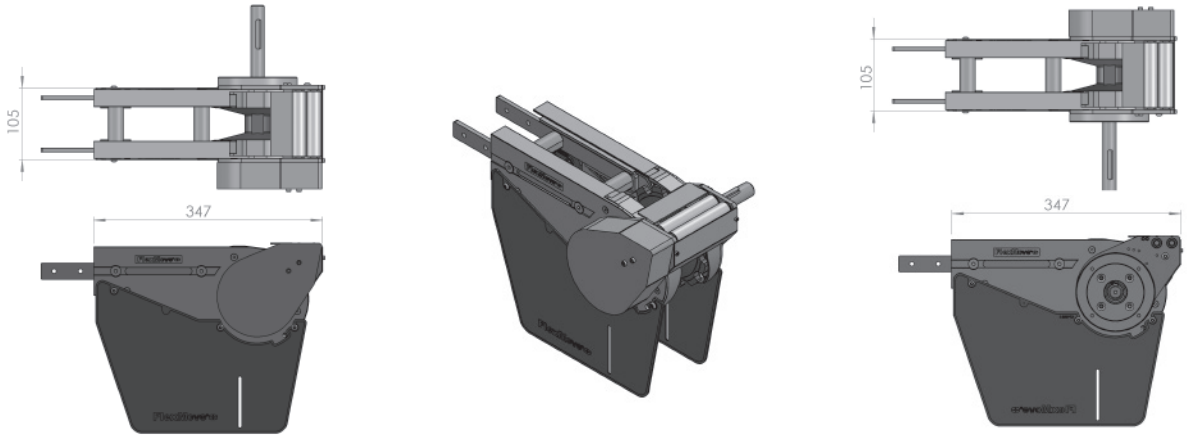






**UOM : Unit**

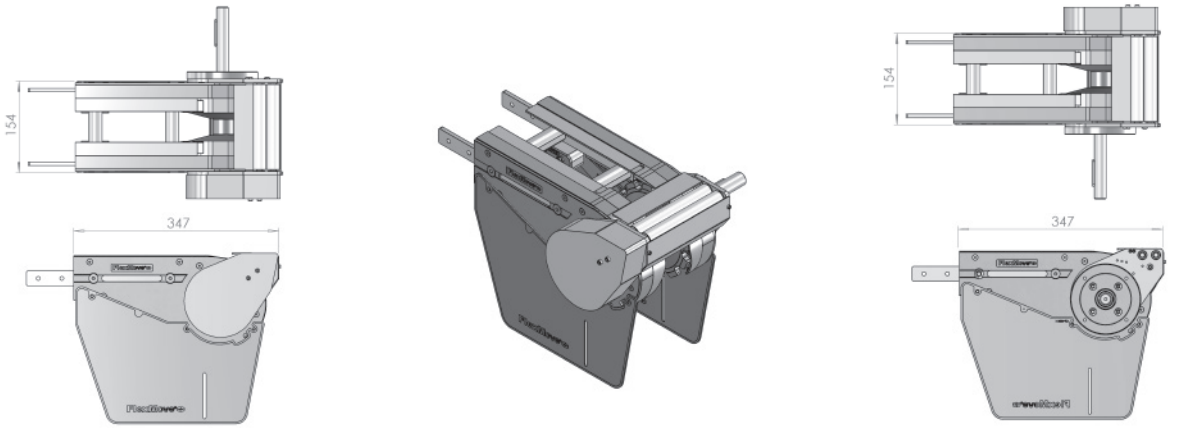
# DRIVEN TRANSFER BRIDGE

| FCDD-A105DB-A-0L | FCDD-A105DB-A-0R |
|---|---|
| FC Direct Drive Driven Transfer Bridge (L) | FC Direct Drive Driven Transfer Bridge (R) |



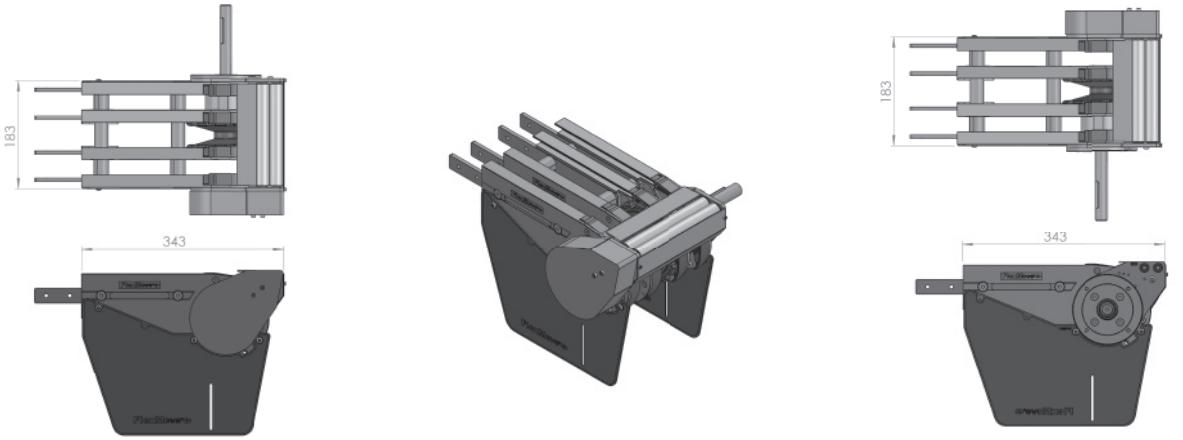

**UOM : Unit**

| FLDD-A150DB-A-0L | FLDD-A150DB-A-0R |
|---|---|
| FL Direct Drive Driven Transfer Bridge (L) | FL Direct Drive Driven Transfer Bridge (R) |




**UOM : Unit**

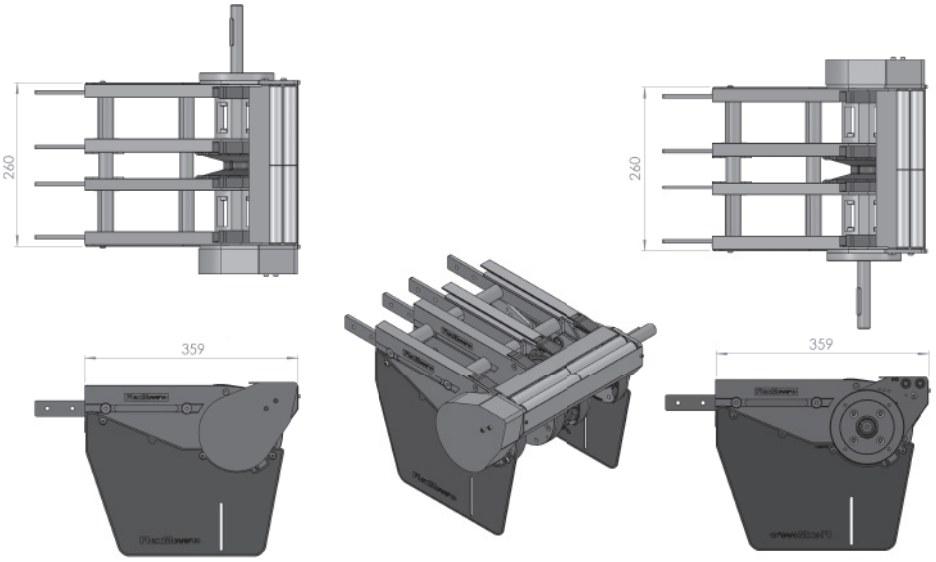
| FUDD-A180DB-A-0L | FUDD-A180DB-A-0R |
|---|---|
| FU Direct Drive Driven Transfer Bridge (L) | FU Direct Drive Driven Transfer Bridge (R) |




**UOM : Unit**

## DRIVEN TRANSFER BRIDGE

| FVDD-A260DB-A-0L | FVDD-A260DB-A-0R |
|---|---|
| FV Direct Drive Driven Transfer Bridge (L) | FV Direct Drive Driven Transfer Bridge (R) |

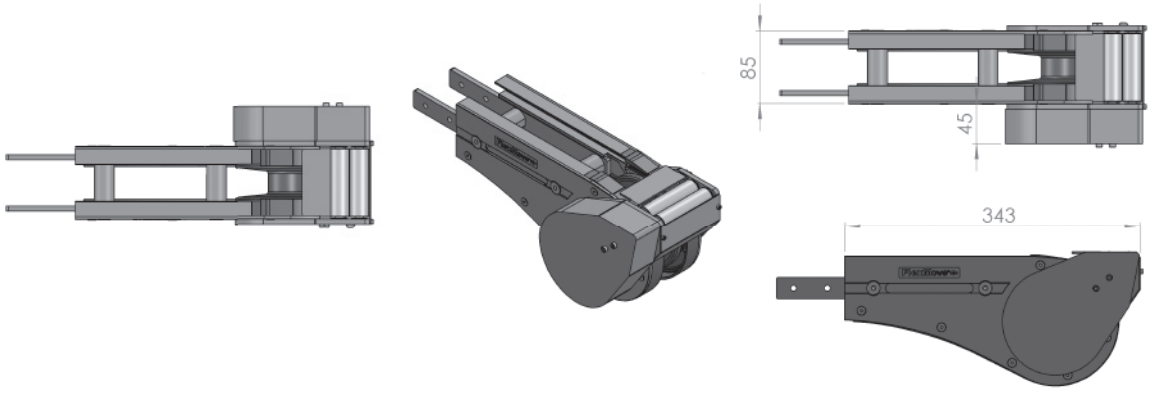



**UOM : Unit**

| FSIE-A65DB-A-L | FSIE-A65DB-A-R |
|---|---|
| FS Idler End Driven Transfer Bridge (L) | FS Idler End Driven Transfer Bridge (R) |


**UOM : Unit**

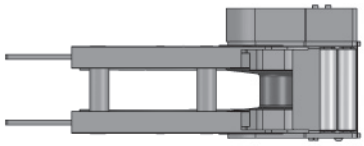
| FMIE-A85DB-A-L | FMIE-A85DB-A-R |
|---|---|
| FM Idler End Driven Transfer Bridge (L) | FM Idler End Driven Transfer Bridge (R) |

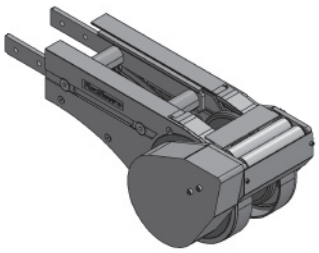


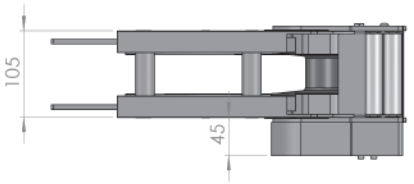

**UOM : Unit**

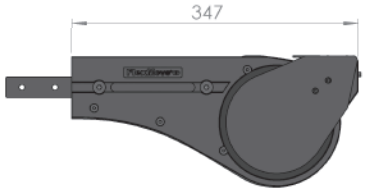
## DRIVEN TRANSFER BRIDGE

| FCIE-A105DB-A-L | FCIE-A105DB-A-R |
|---|---|
| FC Idler End Driven Transfer Bridge (L) | FC Idler End Driven Transfer Bridge (R) |



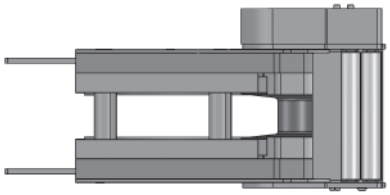


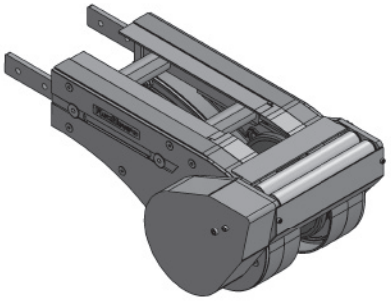


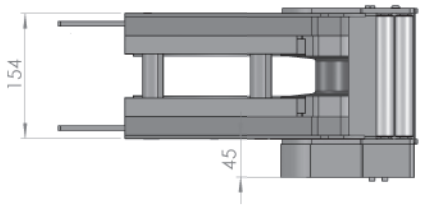



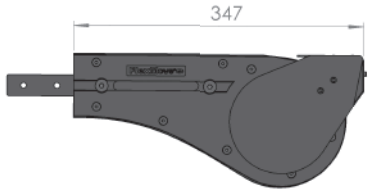

**UOM : Unit**

| FLIE-A150DB-A-L | FLIE-A150DB-A-R |
|---|---|
| FL Idler End Driven Transfer Bridge (L) | FL Idler End Driven Transfer Bridge (R) |



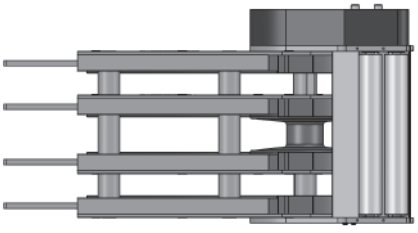


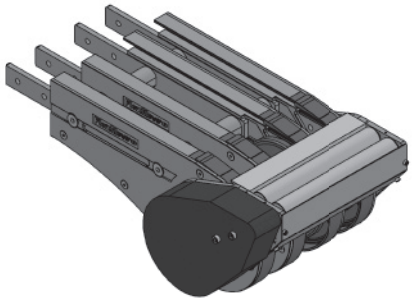


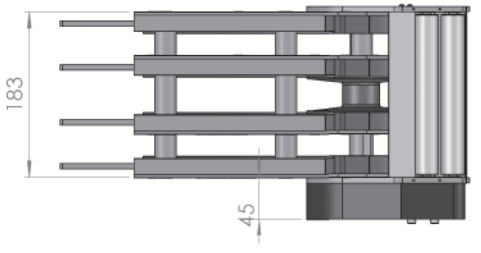



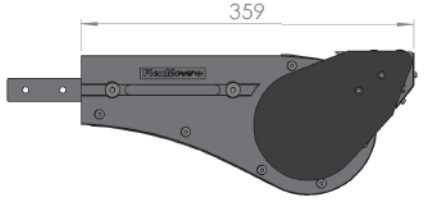

**UOM : Unit**

| FUIE-A180DB-A-L | FUIE-A180DB-A-R |
|---|---|
| FU Idler End Driven Transfer Bridge (L) | FU Idler End Driven Transfer Bridge (R) |





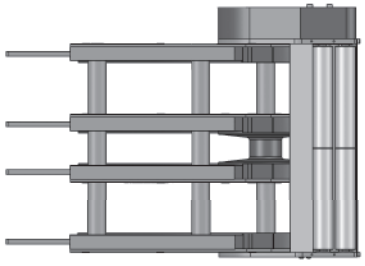


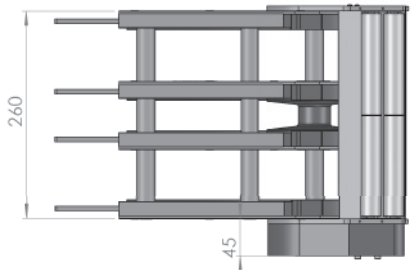



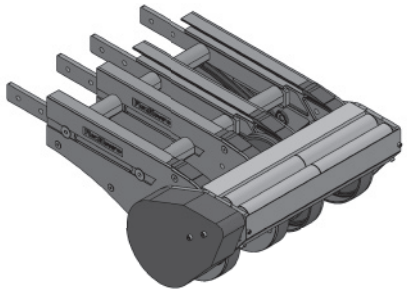

**UOM : Unit**

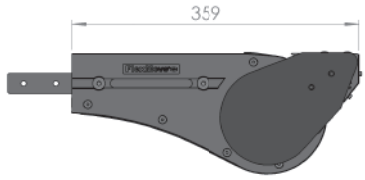
## END TRANSFER BRIDGE

| FVIE-A260DB-A-L | FVIE-A260DB-A-R |
|---|---|
| FV Idler End Driven Transfer Bridge (L) | FV Idler End Driven Transfer Bridge (R) |





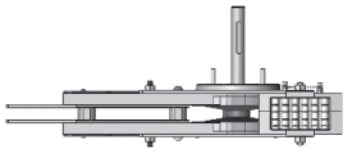



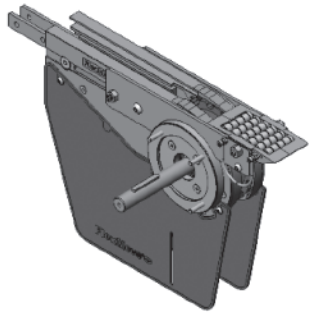


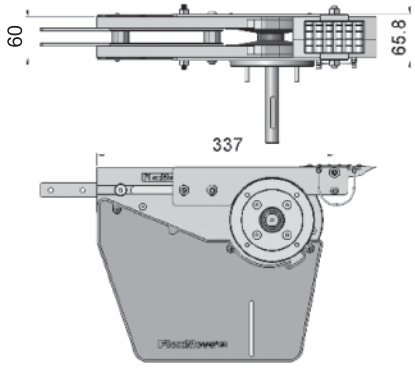

**UOM : Unit**

## FREE ROLLER TRANSFER BRIDGE

| FKDD-A45TB-0L | FKDD-A45TB-0R |
|---|---|
| FK Direct Drive Free Roller Transfer Bridge (L) | FK Direct Drive Free Roller Transfer Bridge (R) |

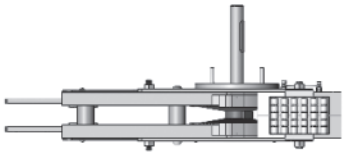


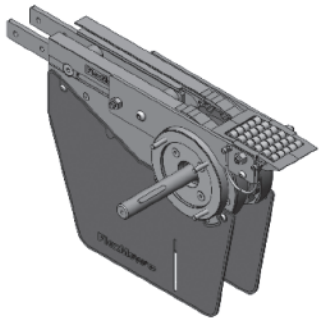


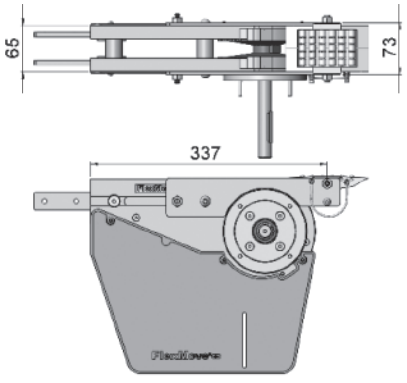



**UOM : Unit**

| FSDD-A65TB-0L | FSDD-A65TB-0R |
|---|---|
| FS Direct Drive Free Roller Transfer Bridge (L) | FS Direct Drive Free Roller Transfer Bridge (R) |



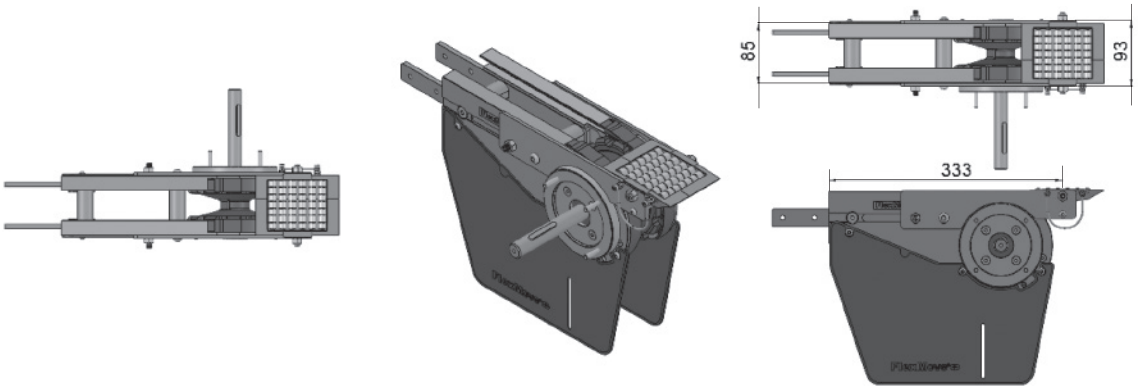





**UOM : Unit**

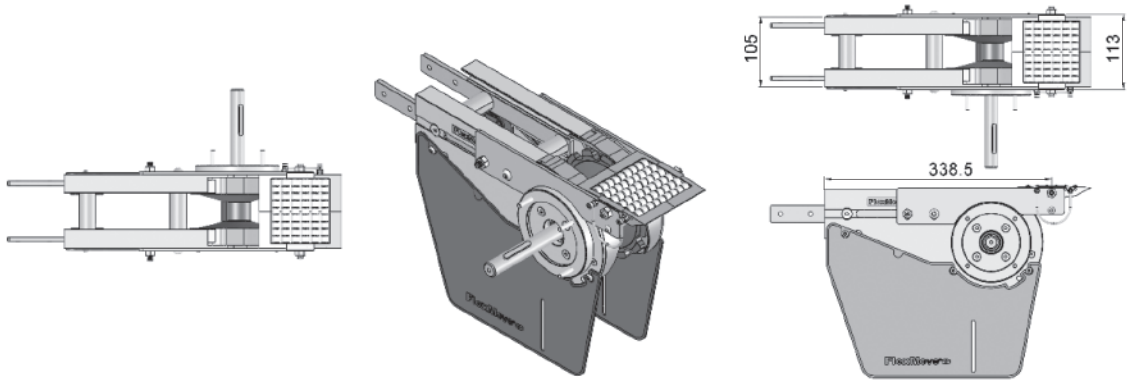
# FREE ROLLER TRANSFER BRIDGE

| FMDD-A85TB-0L | FMDD-A85TB-0R |
|---|---|
| FM Direct Drive Free Roller Transfer Bridge (L) | FM Direct Drive Free Roller Transfer Bridge (R) |



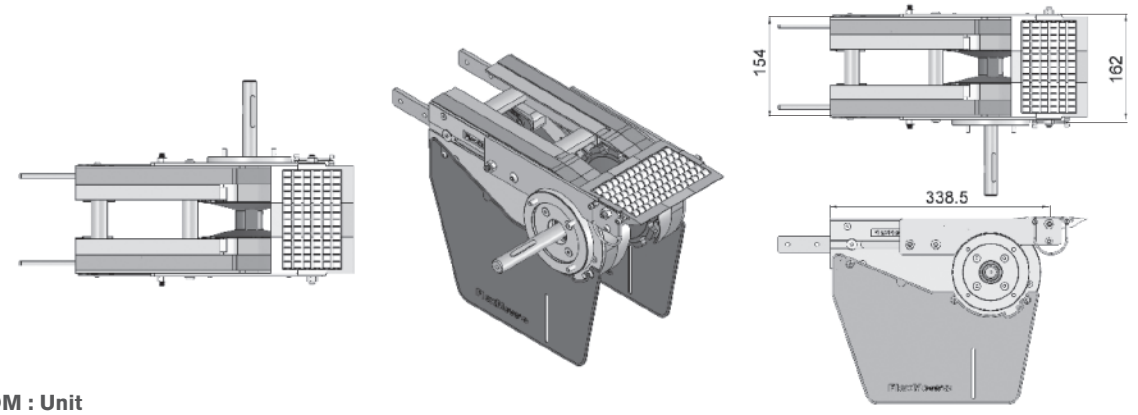

**UOM : Unit**

| FCDD-A105TB-0L | FCDD-A105TB-0R |
|---|---|
| FC Direct Drive Free Roller Transfer Bridge (L) | FC Direct Drive Free Roller Transfer Bridge (R) |




**UOM : Unit**

| FLDD-A150TB-0L | FLDD-A150TB-0R |
|---|---|
| FL Direct Drive Free Roller Transfer Bridge (L) | FL Direct Drive Free Roller Transfer Bridge (R) |

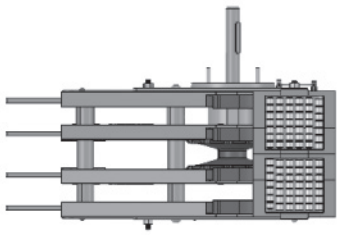


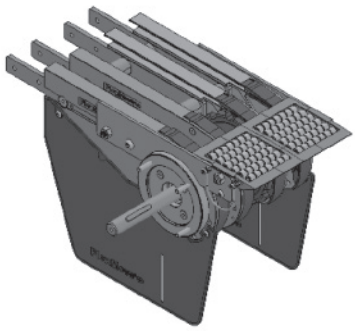

**UOM : Unit**

# FREE ROLLER TRANSFER BRIDGE

## FUDD-A180TB-0L

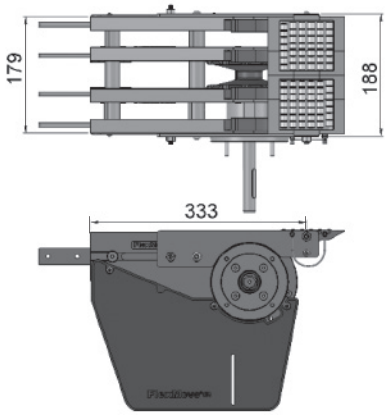
FU Direct Drive Free Roller Transfer Bridge (L)





## FUDD-A180TB-0R

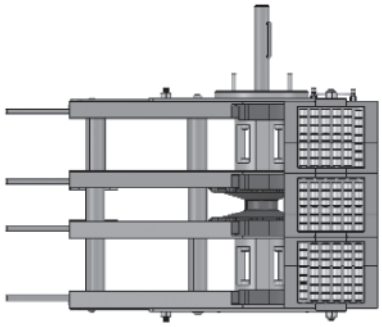
FU Direct Drive Free Roller Transfer Bridge (R)

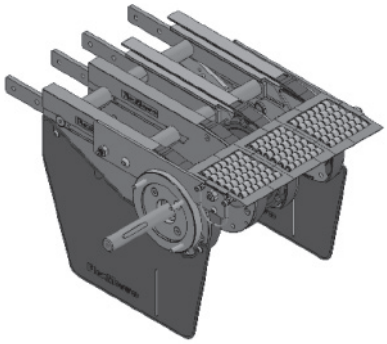



**UOM : Unit**

## FVDD-A260TB-0L

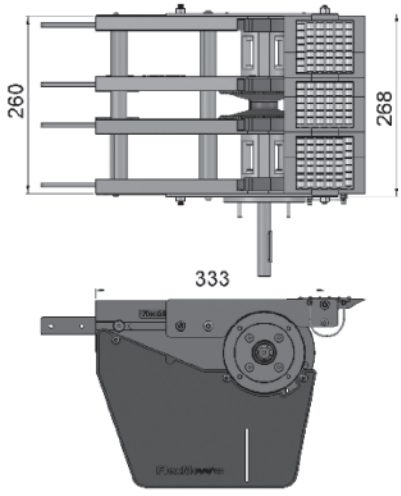
FV Direct Drive Free Roller Transfer Bridge (L)





## FVDD-A260TB-0R

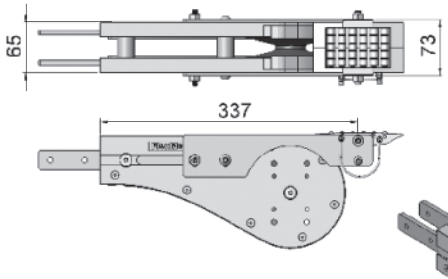
FV Direct Drive Free Roller Transfer Bridge (R)

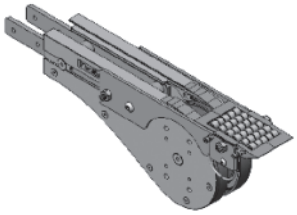



**UOM : Unit**

## FSIE-A65TB

FS Idler Free Roller Transfer Bridge

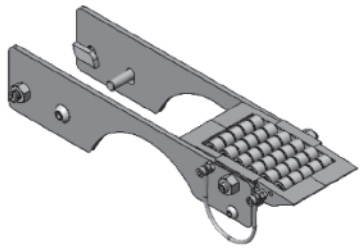


**UOM : Unit**

## FSIE-A65TB

Transfer bridge c/w roller for FSIE-A65
Transfer bridge c/w roller for FSDD-A65-0L
Transfer bridge c/w roller for FSDD-A65-0R

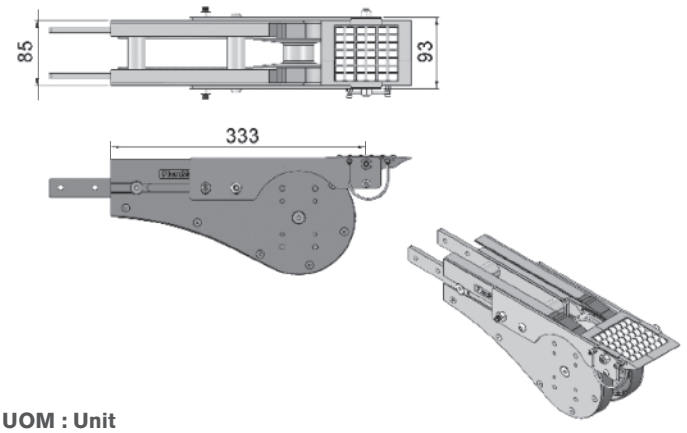


**UOM : Unit**

# FREE ROLLER TRANSFER BRIDGE

## FMIE-A85TB

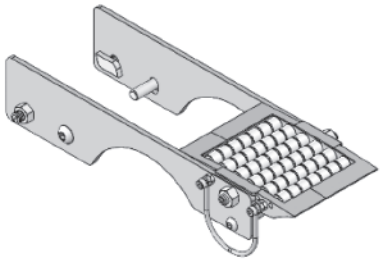
FM Idler Free Roller Transfer Bridge




**UOM : Unit**

## FMTB-A85

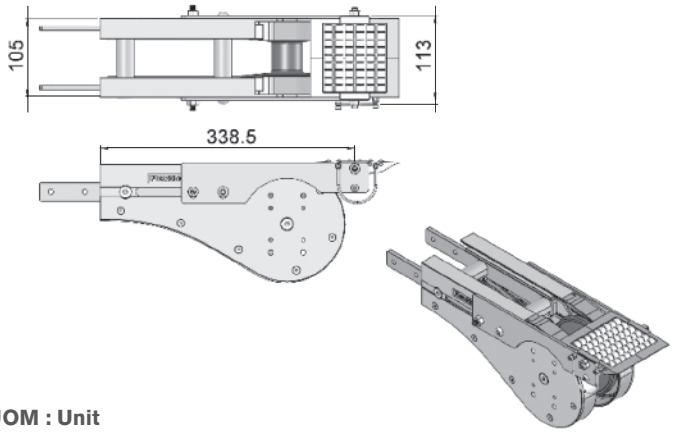
Transfer bridge c/w roller for FMIE-A85
Transfer bridge c/w roller for FMDD-A85-0L
Transfer bridge c/w roller for FMDD-A85-0R



**UOM : Unit**

## FCIE-A105TB

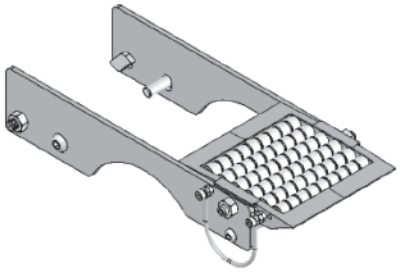
FC Idler Free Roller Transfer Bridge




**UOM : Unit**

## FCTB-A105

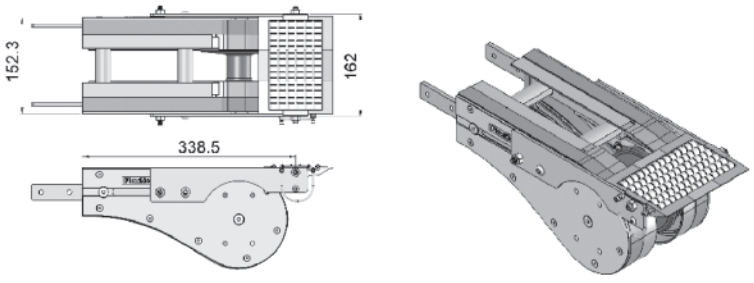
Transfer bridge c/w roller for FCIE-A105
Transfer bridge c/w roller for FCDD-A105-0L
Transfer bridge c/w roller for FCDD-A105-0R



**UOM : Unit**

## FLIE-A150TB

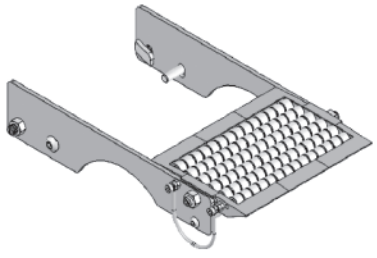
FL Idler Free Roller Transfer Bridge




**UOM : Unit**

## FLTB-A150

Transfer bridge c/w roller for FLIE-A150
Transfer bridge c/w roller for FLDD-A150-0L
Transfer bridge c/w roller for FLDD-A150-0R

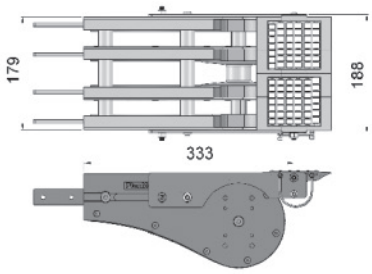


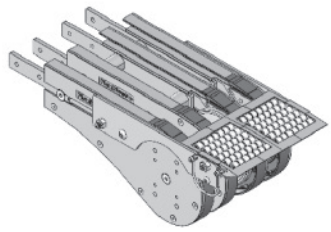
**UOM : Unit**

## FREE ROLLER TRANSFER BRIDGE

### FUIE-A180TB

FU Idler Free Roller Transfer Bridge

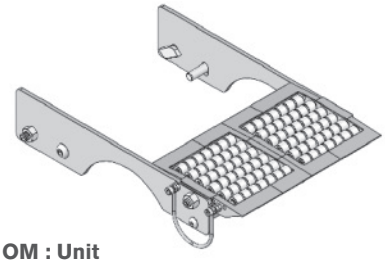


**UOM : Unit**

### FUTB-A180

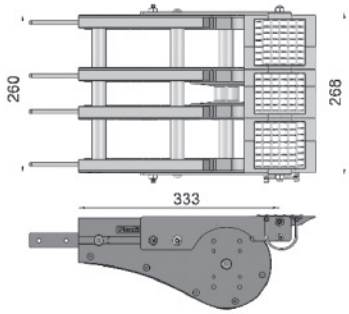
Transfer bridge c/w roller for FUIE-A180
Transfer bridge c/w roller for FUDD-A180-0L
Transfer bridge c/w roller for FUDD-A180-0R

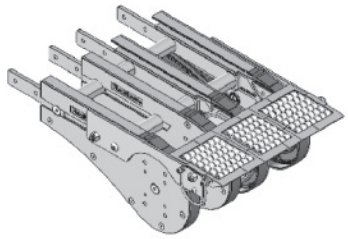


**UOM : Unit**

### FVIE-A260TB

FV Idler Free Roller Transfer Bridge

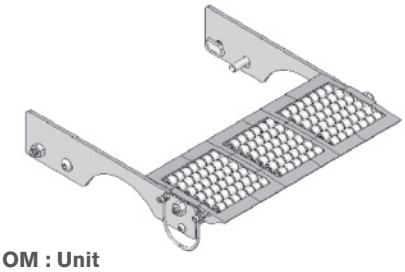


**UOM : Unit**

### FVTB-A260

Transfer bridge c/w roller for FVIE-A260
Transfer bridge c/w roller for FVDD-A260-0L
Transfer bridge c/w roller for FVDD-A260-0R

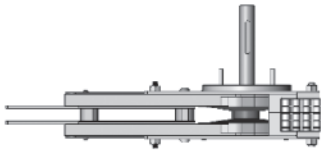


**UOM : Unit**

## END TRANSFER BRIDGE

### FKDD-A45EB-0L

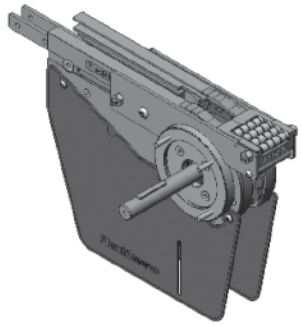
FK Direct Drive End Free Roller Bridge (L)

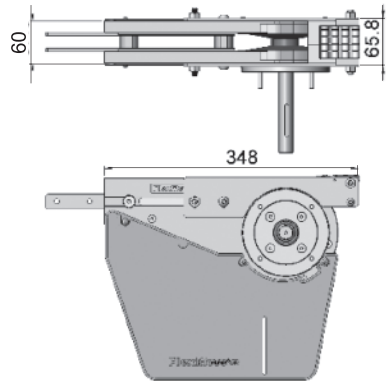


**UOM : Unit**

### FKDD-A45EB-0R

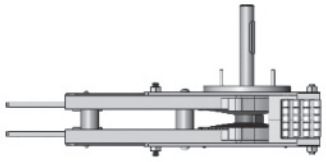
FK Direct Drive End Free Roller Bridge (R)

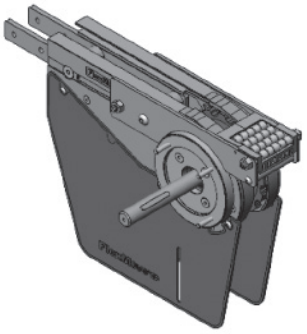


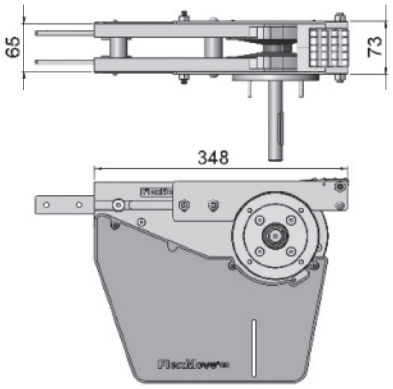


## END TRANSFER BRIDGE

| FSDD-A65EB-0L | FSDD-A65EB-0R |
|---|---|
| FS Direct Drive End Free Roller Bridge (L) | FS Direct Drive End Free Roller Bridge (R) |

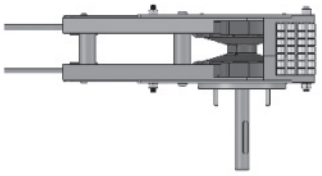


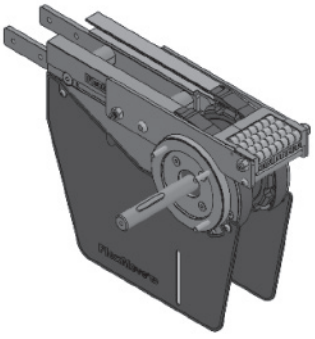


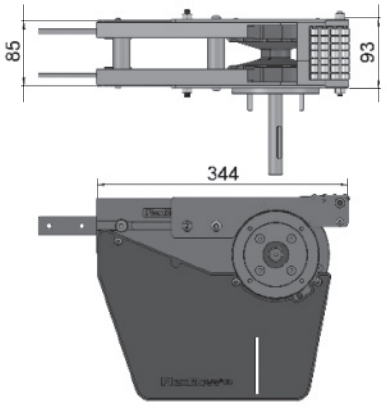



**UOM :**

| FMDD-A85EB-0L | FMDD-A85EB-0R |
|---|---|
| FM Direct Drive End Free Roller Bridge (L) | FM Direct Drive End Free Roller Bridge (R) |

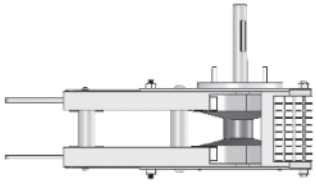


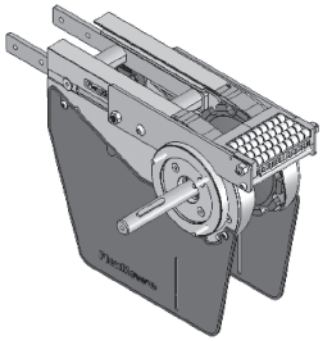


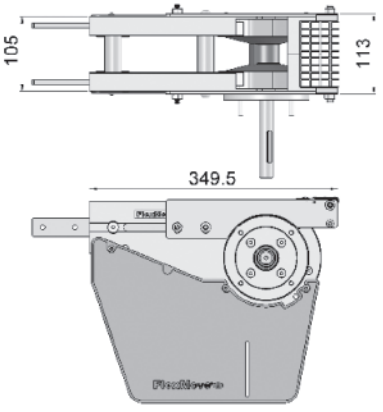



**UOM : Unit**

| FCDD-A105EB-0L | FCDD-A105EB-0R |
|---|---|
| FC Direct Drive End Free Roller Bridge (L) | FC Direct Drive End Free Roller Bridge (R) |



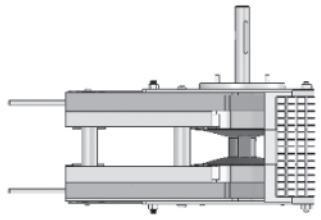


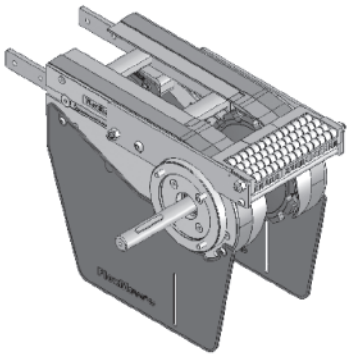


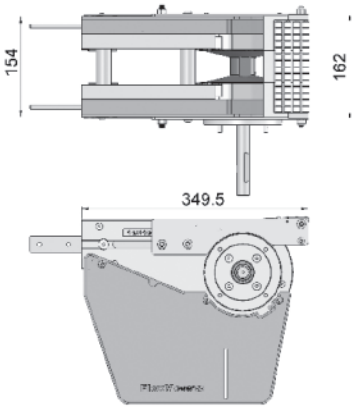

**UOM : U**

## END TRANSFER BRIDGE

| FLDD-A150EB-0L | FLDD-A150EB-0R |
|---|---|
| FL Direct Drive End Free Roller Bridge (L) | FL Direct Drive End Free Roller Bridge (R) |

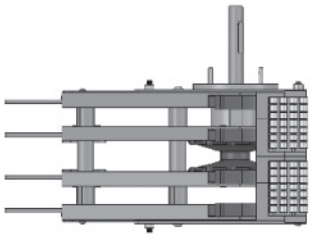


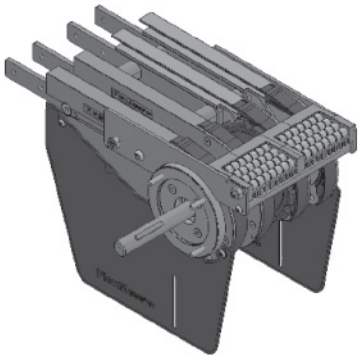


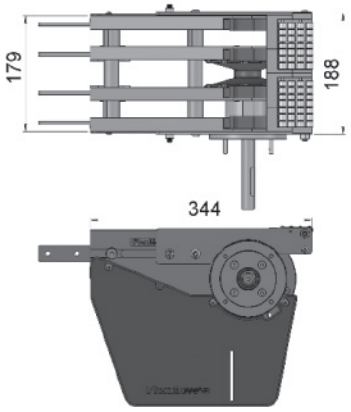



**UOM : Unit**

| FUDD-A180EB-0L | FUDD-A180EB-0R |
|---|---|
| FU Direct Drive End Free Roller Bridge (L) | FU Direct Drive End Free Roller Bridge (R) |

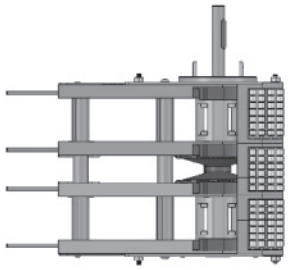


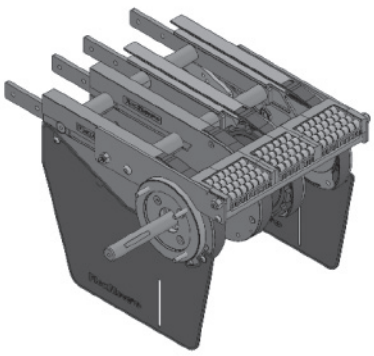


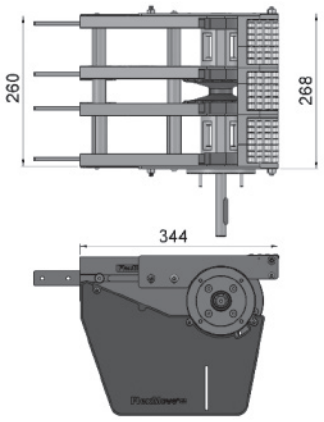



**UOM : Unit**

| FVDD-A260EB-0L | FVDD-A260EB-0R |
|---|---|
| FV Direct Drive End Free Roller Bridge (L) | FV Direct Drive End Free Roller Bridge (R) |





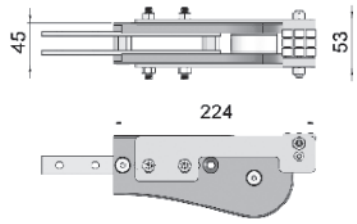


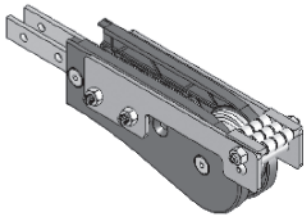

**UOM : Unit**

# END TRANSFER BRIDGE

## FKIE-A45EB-200

FK Idler-200 End Free Roller Bridge

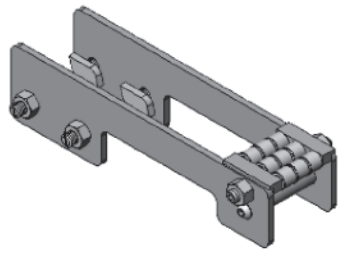


**UOM : Unit**

## FKEB-A45-200

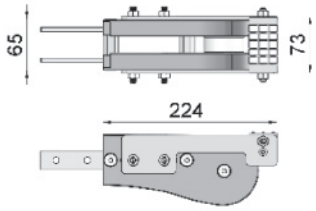
End transfer bridge c/w roller for FKIE-200

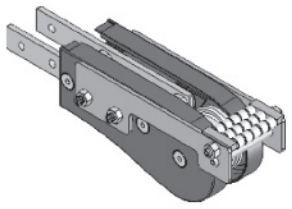


**UOM : Unit**

## FSIE-A65EB-200

FS Idler-200 End Free Roller Bridge

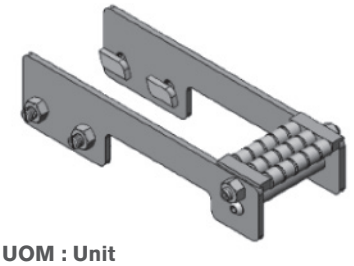


**UOM : Unit**

## FSEB-A65-200

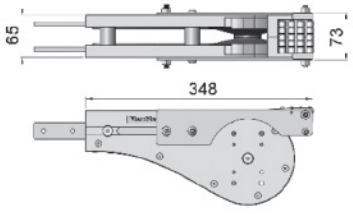
End transfer bridge c/w roller for FSIE-200

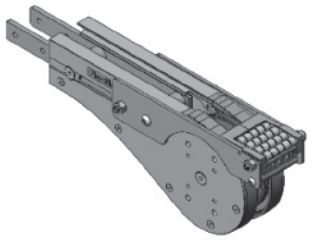


**UOM : Unit**

## FSIE-A65EB

FS Idler End Free Roller Bridge

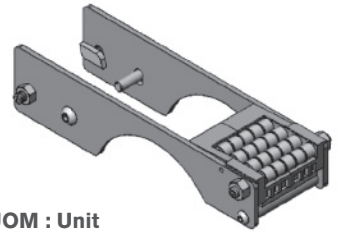


**UOM : Unit**

## FSEB-A65

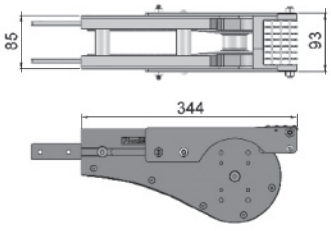
End transfer bridge c/w roller for FSIE-A65
End transfer bridge c/w roller for FSDD-A65-0L
End transfer bridge c/w roller for FSDD-A65-0R

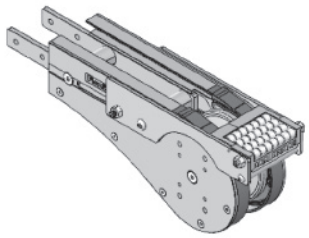


**UOM : Unit**

## FMIE-A85EB

FM Idler End Free Roller Bridge

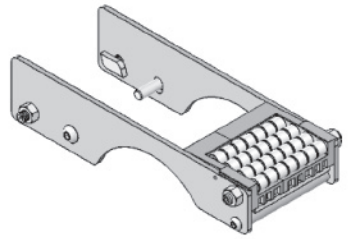


**UOM : Unit**

## FMEB-A85

End transfer bridge c/w roller for FMIE-A85
End transfer bridge c/w roller for FMDD-A85-0L
End transfer bridge c/w roller for FMDD-A85-0R

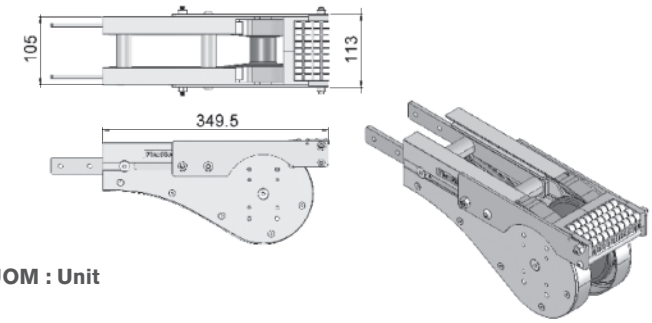


**UOM : Unit**

# END TRANSFER BRIDGE

## FCIE-A105EB

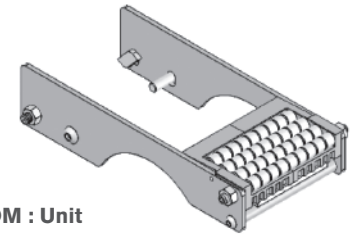
### FC Idler End Free Roller Bridge




**UOM : Unit**

## FCEB-A105

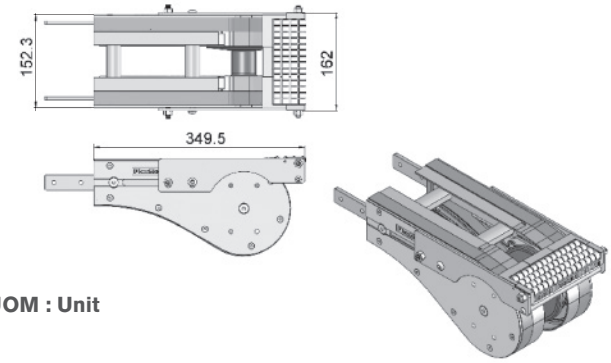
End transfer bridge c/w roller for FCIE-A105
End transfer bridge c/w roller for FCDD-A105-0L
End transfer bridge c/w roller for FCDD-A105-0R



**UOM : Unit**

## FLIE-A150EB

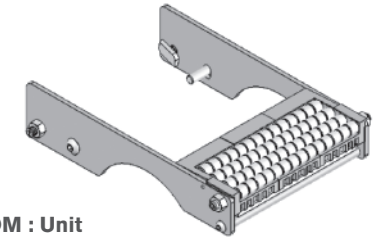
### FL Idler End Free Roller Bridge




**UOM : Unit**

## FLEB-A150

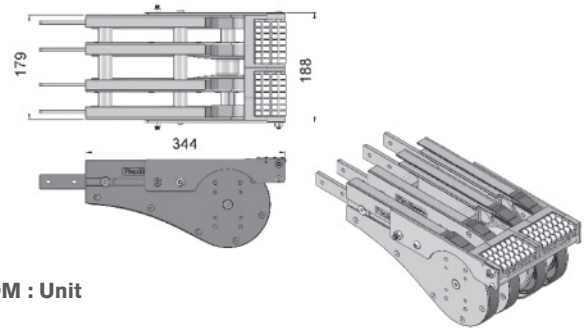
End transfer bridge c/w roller for FLIE-A150
End transfer bridge c/w roller for FLDD-A150-0L
End transfer bridge c/w roller for FLDD-A150-0R



**UOM : Unit**

## FUIE-A180EB

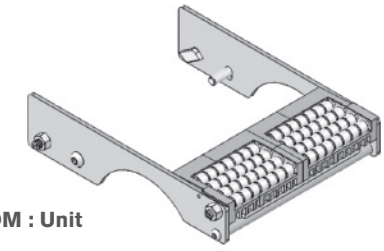
### FU Idler End Free Roller Bridge




**UOM : Unit**

## FUEB-A180

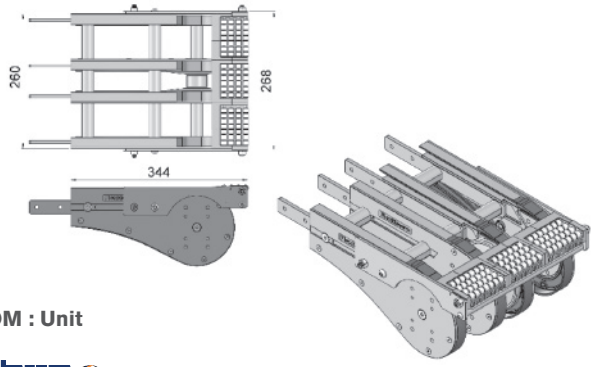
End transfer bridge c/w roller for FUIE-A180
End transfer bridge c/w roller for FUDD-A180-0L
End transfer bridge c/w roller for FUDD-A180-0R



**UOM : Unit**

## FVIE-A260EB

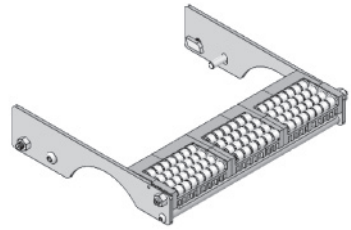
### FV Idler End Free Roller Bridge




**UOM : Unit**

## FVEB-A260

End transfer bridge c/w roller for FVIE-A260
End transfer bridge c/w roller for FVDD-A260-0L
End transfer bridge c/w roller for FVDD-A260-0R



**UOM : Unit**

## Material

| Material | FlexMove Parts |
|---|---|
| POM (PolyOxyMethylene) | Conveyor Chain, rollers |
| POM Conductive (PolyOxyMethylene) | Conductive chain |
| Aluminum, extruded & anodized | Angle bracket, beam support bracket, conveyor beam, support beam, guide rail, distance tube, fixed and adjustable side guide bracket, spacer |
| Steel, electro-zinc plated | Bolts and nuts, connecting strips, foot connecting strip |
| Steel, powder coated | Foot, connecting plate |
| PA, Polyamide | Chain pivot, side guide bracket, side guide support, drive and idler steering guide, end caps, wheel guide |
| Polyamide PA + Glass fibre | Drive sprocket, idler wheel |
| PVC, Polyvinyl Chloride | T-slot cover |
| HDPE, High Density Polyethylene | Slide rail, guide rail |
| UHMW-PE, Ultra High Molecular Weight Polyethylene | Slide Rail, drive and idler steering guides |
| PVDF, Polyvinylidene fluoride | Slide Rail |
| TPE, Thermoplastic Elastomer | Chain insert for friction top and wedge top |

## Chains

| Series | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| *Chain width (mm)* | 44 mm | 63 mm | 83 mm | 103 mm | 150 mm | 180 mm | 260 mm |
| *Chain width (inch)* | 1.73" | 2.48" | 3.27" | 4.06" | 5.91" | 7.087" | 10.236" |
| *Tensile strength at 20°C (N)* | 3600 N | 3400 N | 4800 N | 4800 N | 4800 N | 4800 N | 4800 N |
| *Tensile strength at 68°F (lbf)* | 810 lbf | 764 lbf | 1079 lbf | 1079 lbf | 1079 lbf | 1079 lbf | 1079 lbf |
| *Max. working tensile at 20°C (N)* | 500 N | 500 N | 1250 N | 1250 N | 1250 N | 1250 N | 1250 N |
| *Max. working tensile at 68°F (lbf)* | 112 lbf | 112 lbf | 281 lbf | 281 lbf | 281 lbf | 281 lbf | 281 lbf |
| *Working temperature (°C)* | -20 – 60°C | -20 – 60°C | -20 – 60°C | -20 – 60°C | -20 – 60°C | -20 – 60°C | -20 – 60°C |
| *Working temperature (°F)* | -4 – 140°F | -4 – 140°F | -4 – 140°F | -4 – 140°F | -4 – 140°F | -4 – 140°F | -4 – 140°F |
| *Standard conveyor speed (m/min)* | 3 – 50 m/min | 3 – 50 m/min | 3 – 50 m/min | 3 – 50 m/min | 3 – 50 m/min | 3 – 50 m/min | 3 – 50 m/min |
| *Standard conveyor speed (ft/min)* | 10 – 165 ft/min | 10 – 165 ft/min | 10 – 165 ft/min | 10 – 165 ft/min | 10 – 165 ft/min | 10 – 165 ft/min | 10 – 165 ft/min |
| *Max. conveyor length (m)* | 30 m | 30 m | 30 m | 30 m | 30 m | 30 m | 30 m |
| *Max. conveyor length (ft)* | 100 ft | 100 ft | 100 ft | 100 ft | 100 ft | 100 ft | 100 ft |
| *Min. turning radius (mm)* | 150 mm | 150 mm | 160 mm | 170 mm | 210 mm | 500 mm | 700 mm |
| *Min. turning radius (inch)* | 5.91" | 5.91" | 6.30" | 6.70" | 7.87" | 19.7" | 27.6" |
| *Link spacing (mm)* | 25.4 mm | 25.4 mm | 33.5 mm | 35.5 mm | 35.5 mm | 33.5 mm | 33.5 mm |
| *Link spacing (inch)* | 1.0" | 1.0" | 1.32" | 1.40" | 1.40" | 1.32" | 1.32" |
| *Chain weight (plain) (kg/m)* | 0.63 kg/m | 0.75 kg/m | 1.20 kg/m | 1.67 kg/m | 1.87 kg/m | 2.0 kg/m | 2.43 kg/m |
| *Chain weight (plain) (lb/ft)* | 0.43 lb/ft | 0.50 lb/ft | 0.81 lb/ft | 1.12 lb/ft | 1.26 lb/ft | 1.344 lb/ft | 1.633 lb/ft |
| *Max. weight on conveyor (kg/m)* | 30 kg/m | 30 kg/m | 60 kg/m | 60 kg/m | 60 kg/m | 65 kg/m | 65 kg/m |
| *Max. weight on conveyor (lb/ft)* | 26 lb/ft | 26 lb/ft | 40 lb/ft | 40 lb/ft | 40 lb/ft | 44 lb/ft | 44 lb/ft |
| *Item width (mm)* | 15 – 100 mm | 15-140 mm | 20-200 mm | 25-300 mm | 50-400 mm | 50-400 mm | 80 – 500 mm |
| *Item width (inch)* | 0.6 – 4.0" | 0.6 – 5.5" | 0.8-7.9" | 1.0-11.8" | 2.0-15.7" | 2.0 – 15.4" | 3.2 – 19.7" |

## Chain strength and expansion vs. temperature

| Temperature °C | Tensile strength factor | Linear expansion % |
|---|---|---|
| -20 | 1.2 | -0.4 |
| 0 | 1.1 | -0.2 |
| 20 | 1.0 | 0.1 |
| 40 | 0.9 | 0.2 |
| 60 | 0.8 | 0.5 |
| 80 | 0.6 | 0.8 |
| 100 | 0.5 | 1.0 |
| 120 | 0.3 | 1.3 |

## Resistance to chemical

FlexMove® components can withstand continuous contact with most chemicals. However, it is recommended to avoid:

- Acids with pH less than 4
- Bases with pH higher than 9

The following table specifies the resistance of several material used in the conveyor on selected chemicals

## Legend

1 = Very good
2 = Good
3 = Moderate resistance
4 = Not recommended
5 = No data available

| Material | Acetal POM | Polyamide PA | High-density Polyethylene HDPE | Thermoplastic Elastomer TPE | Aluminum AL |
|---|---|---|---|---|---|
| ***Acids:*** | | | | | |
| Acetic acid | 3 | 4 | 3 | - | 2 |
| Benzoic acid | 3 | 4 | 1 | - | 4 |
| Citric acid | 3 | 2 | 2 | - | 2 |
| Chromic acid | 4 | 4 | 1 | - | 3 |
| Hydrofluoric acid | 4 | 4 | 1 | - | 4 |
| Hydrochloric acid | 4 | 4 | 1 | - | 3 |
| Hydro cyanic acid | 4 | 4 | 2 | - | 1 |
| Nitric acid | 4 | 4 | 4 | - | 3 |
| Phosphoric acid | 4 | 4 | 1 | - | 3 |
| Sulphuric acid | 4 | 4 | 2 | 1 | 3 |
| Tartaric acid | 3 | 2 | 1 | - | 1 |
| ***Basic compounds:*** | | | | | |
| Ammonia | 1 | 2 | 1 | - | 2 |
| Calcium hydroxide | 1 | 2 | 1 | - | 4 |
| Caustic soda | 1 | 2 | 1 | 1 | 3 |
| Potassium hydroxide | 1 | 2 | 1 | - | 4 |
| ***Salts:*** | | | | | |
| Potassium bicarbonate | 2 | 2 | 2 | - | 1 |
| Potassium permanganate | 2 | 4 | 2 | - | 1 |
| Sodium cyanic | 2 | 2 | 2 | - | 4 |
| Sodium hydrochloride | 3 | 4 | 1 | - | 4 |
| Acid salt | 2 | 3 | 1 | - | - |
| Basic salt | 1 | 2 | 1 | - | - |
| Neutral salt | 1 | 2 | 1 | - | - |

## Chains

| Material | Acetal POM | Polyamide PA | High-density Polyethylene HDPE | Thermoplastic Elastomer TPE | Aluminum AL |
|---|---|---|---|---|---|
| ***Organic compounds and solvents:*** | | | | | |
| Acetone | 1 | 1 | 4 | 3 | 1 |
| Benzene | 1 | 1 | 4 | 3 | 1 |
| Butyl alcohol | 2 | 2 | 2 | - | 1 |
| Carbon disulphide | 1 | 1 | 3 | - | 1 |
| Chloroform | 1 | 1 | 4 | - | - |
| Ethyl acetate | 1 | 1 | 2 | - | 1 |
| Ethyl alcohol | 1 | 1 | 1 | - | 1 |
| Heptane | 2 | 2 | 2 | - | - |
| Methyl alcohol | 1 | 1 | 1 | - | 2 |
| Methyl ethyl ketone | 1 | 1 | 4 | 4 | 2 |
| Nitrobenzene | 2 | 2 | 3 | - | 1 |
| Phenol | 3 | 3 | 2 | - | 1 |
| ***Gasses:*** | | | | | |
| Carbon dioxide | 3 | 1 | 1 | - | 1 |
| Carbon monoxide | 2 | 1 | 1 | - | 1 |
| Chlorine | 2 | 4 | 3 | - | 1 |
| Hydrogen sulphide | 3 | 1 | 2 | - | 1 |
| Sulphur dioxide | 2 | 3 | 2 | - | 1 |
| ***Others:*** | | | | | |
| Beer | 1 | 2 | 2 | - | 1 |
| Fruit juices | 1 | 2 | 3 | - | 2 |
| Gasoline | 1 | 2 | 2 | - | 1 |
| Milk | 1 | 1 | 2 | - | 1 |
| Oil | 1 | 1 | 2 | - | 1 |
| Vinegar | 1 | 2 | 3 | - | 1 |

Note: the table above is valid for temperature range up to 60°C and it is to be considered as guideline only. Furthermore, precautions should be taken when using cleaning agents. If you are in doubt on the material to withstand your special environment, you should go for chemical testing or contact our local distributor.

## Friction Coefficient

Friction coefficients between chain and slide rails are 0.10 – 0.15. the friction coefficients between chain and products are as follow:

| Product | Plain Chain |
|---|---|
| Steel (dry) | 0.15-0.25 |
| Steel (lubricated) | 0.10-0.15 |
| Glass (dry) | 0.15-0.20 |
| Glass (lubricated) | 0.10-0.15 |
| Aluminum | 0.15-0.25 |
| Plastic | 0.15-0.25 |
| Wood and paper | 0.15-0.30 |

## Temperature Limits

This conveyor system can operate continuously in an environment of between - 20°C to 60°C. The conveyor can withstand up to 100°C for a short period (washing, rinsing).

## Static Electricity

The standard plastic materials used for conveyors have low electrical conductivity. So, static electricity can build up in the conveyor. When a conveyor is running under normal environment (20°C and humidity 60%) without load, the static electricity build up should be around the following figures:

| | |
|---|---|
| Above the drive unit | 1800-2500V |
| Idler end | 400-500V |
| Above the wheel bend | 400-500V |
| Above the straight section | 250-350V |

With the introduction of anti-static material for slide rail and chain, it shall meet the requirement for electronic industry.

## Sound Level

Normally, noise level is higher during the run-in period. The noise level should go down after few days of operation. Generally noise level will increase proportionally to the conveyor speed. Typically, the noise level reading in dB should be around the following:

| Chain | Conveyor Speed M/min | | | | |
|---|---|---|---|---|---|
| | 5 | 10 | 20 | 30 | 40 |
| FK | 56 | 58 | 65 | 70 | 74 |
| FS | 55 | 59 | 68 | 71 | 75 |
| FM | 59 | 62 | 70 | 77 | 78 |
| FC | 62 | 66 | 74 | 81 | 85 |
| FL | 64 | 68 | 76 | 83 | 87 |
| FU | 64 | 66 | 75 | 79 | 86 |
| FV | 64 | 67 | 75 | 80 | 86 |

## Chain Tension Calculation

Calculation is necessary to determine the maximum chain tension on a particular conveyor configuration design, the results are used to decide :

- Drive unit capacity
- Tension limit of conveyor chain

For short, light and low speed applications, the tension limit of the chain normally far exceeds the actual requirement of the application. If you are in doubt, always calculate.

## Drive Unit Output Capacity, P(W) requirement depend on:

- Traction force F (N)
- Chain speed V (m/min)

To calculate power, the equation is P = 1/60 (F x V)

There are several drive unit designs, the maximum permissible traction force on each type of drive unit as below:

| Drive unit type | Maximum traction force in Newton (N) | | | | | | |
|---|---|---|---|---|---|---|---|
| | FK | FS | FM | FC | FL | FU | FV |
| End | 500 | 500 | 1250 | 1250 | 1250 | 1250 | 1250 |
| Intermediate | 200 | 200 | 200 | 200 | 200 | Nil | Nil |
| Catenary | 500 | 500 | 1250 | 1250 | 1250 | Nil | Nil |

## Chain Tension Limit

Chain tension limit can be derived from the diagram on the next page. It is dependent on various operating conditions, the actual calculation result should be reduced by service factor. Conveyors with high frequency of start/stop will have a high service factor but this could be reduced by providing a frequency inverter incorporated with start/stop function.

| Operating conditions | Service factor |
|---|---|
| Low speed (<15m/min) & max. 1 start/stop per hour | 1.0 |
| Low speed & max. 10 start/stop per hour | 1.2 |
| Low speed & max. 20 start/stop per hour | 1.4 |
| High speed (>15m/min) & max 20 start/stop per hour | 1.6 |

It is not advisable to operate a conveyor with more than 20 starts/stops per hour. If your application must operate this way, please consult the factory.

## Bend Factors

Bend factors must be considered and calculated at every plain chain. It depends on the angle of the bend α in radians and friction coefficient μ between chain and slide rails. In application when conveyor is dry and clean, the friction coefficient μ is close to 0.1.

The bend factor is important to calculate since the frictional force of a plain bend depends not only on the weight of chain and product but also the actual the tension throughout the bend. The result an additional pressure force of the chain towards the conveyor beam directed toward the center of the bend. Since the chain tension varies throughout the conveyor, calculation of this additional pressure force is complicated. The highest values are present at the pulling side of the drive unit and virtually zero at the chain inlet. Using bend factor is the easiest way of including added friction in the plain bend for both horizontal and vertical into the calculation. Always use wheel bend unless for exceptional cases. If using plain bend is a must, the combined plain bends angle should not more than 180°, unless it is for a very short and light application.

| Bend type, horizontal or vertical plain bend | Bend factor |
|---|---|
| 30°1 | .2 |
| 45° | 1.3 |
| 60°1 | .4 |
| 90°1 | .6 |

8° inclined is the maximum a product could convey for plain chain whereas friction top chain could take up to 30°

## Calculation

FlexMove® chain tension calculation could be simplified as follow:

Divide the conveyor in sections, each containing a straight part and up to the next plain bend (horizontal or vertical).
First section should be from the end furthest away from the drive unit.
Wheel bends are considered equivalent to straight section. A conveyor with wheel bend but without plain bend should be considered as one straight section. Calculate the force caused by gravity load of the return chain.

Calculate the forces caused by transport friction, accumulation and gravity in the first section and multiply with bend factor. Repeat the step above on each section of the conveyor until the last section with the drive unit. The result of the calculation indicates the amount of traction force required to move the conveyor.

Traction force, the chain tension is caused by several components such as:

- Friction between unloaded chain and slide rail for example on the return chain.
- Friction between loaded chain and slide rails.
- Friction between accumulating products and top surface of chain.
- Gravity force acting on products and top surface of chain.
- Additional friction in horizontal and vertical bend.

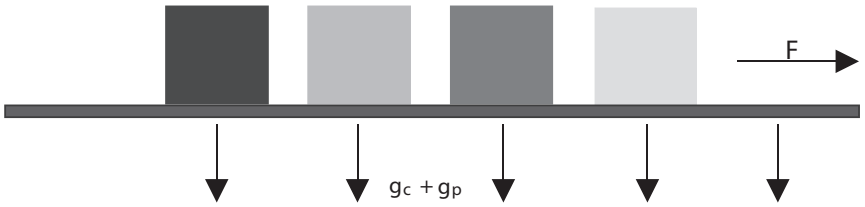
Traction force F requires to move the chain depends on the following factors:

- Conveyor length (L)
- Product gravity load / m, Transport (gp)
- Product gravity load / m, Accumulation (gpa)
- Chain gravity load / m (gc)
- Friction coefficient, chain / slide rail (μc)
- Friction coefficient, chain / products (μp)
- Incline angle (A)
- Bend factor for horizontal plain bend and vertical bend (α)

## Diagram A

Horizontal conveyor without accumulation.

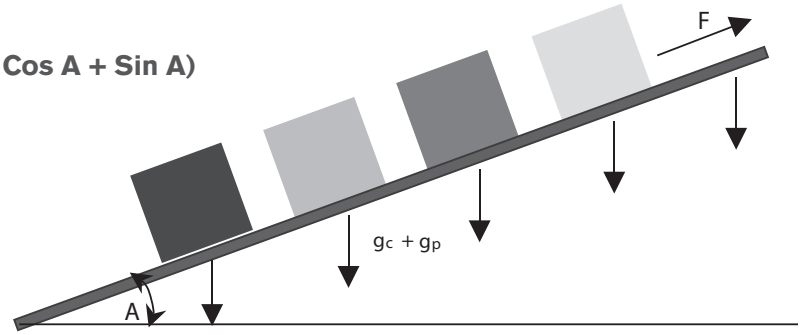
Therefore, **F = L (gc + gp) m**




## Diagram B

Incline without accumulation.

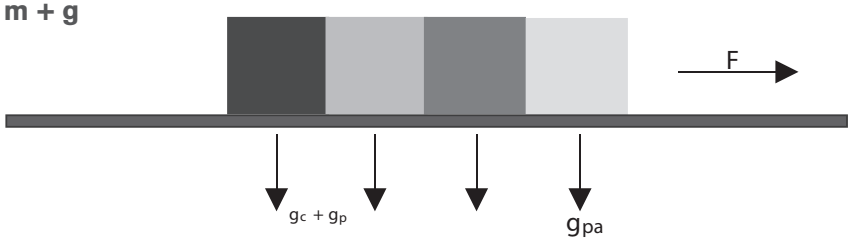
Therefore, ,**F = L (gc + gp) (μc . Cos A + Sin A)**




## Diagram C

Incline with accumulation.

Therefore, **, F = L (gc + gp) m + g**




**Note:**

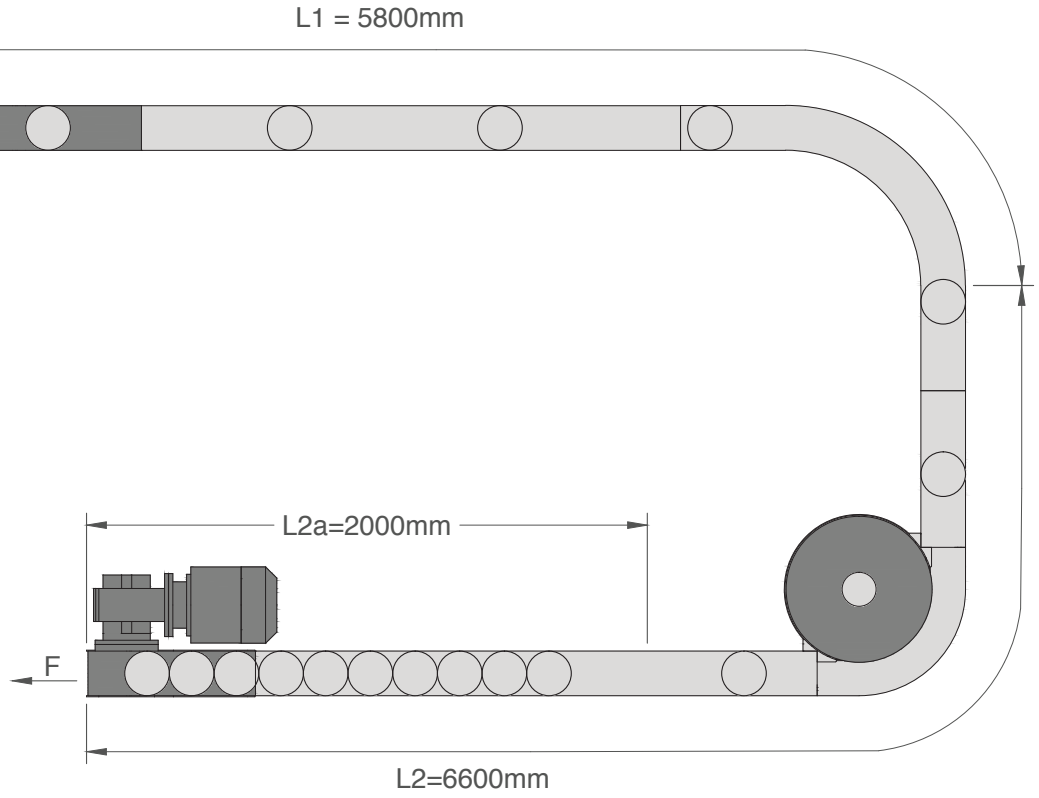
If the traction force exceeds the chain or drive unit capacity, therefore:

*Shorten the conveyor or re-layout if possible.

*Break the conveyor into two conveyor with individual drive unit.

## Calculation Example

Horizontal conveyor with a 90° horizontal plain bend and a 90° wheel bend.




## Calculation Data

Conveyor series = FM

Conveyor speed, V = 10m/min

Start/stop = 15/hour

Total length = 12.4m

Friction coefficient, μc = 0.1

Friction coefficient, μp = 0.2

Chain weight, gc = 11.8 N/m

Transport product weight, gp (2kg/m) = 19.62 N/m

Accumulation product weight, gpa (14(2kg)/m) = 274.68 N/m

## Comparison

The calculation result can now compared with the maximum chain tension for 10m/min is 900N and for 12.4m of conveyor is 1000N. Divide the service fac tor for 15 start/stop of 1.4. so the actual permission chain tension limit is 900/1.4 = 643N

## Section L1

**F1 = [F0 + L1 ( gc + gp ) μc] kα1**

= [0+5.8(11.8+19.62)0.1]1.6

= 29.16N

## Section L2

**F2 = F1 + [L2a ( gc + gpa ) μc + L2b ( gc + gp )] μc + ( L2a.gpa.μp )**

= 29.16+[2(11.8+274.68)+4.6(11.8+19.62)]0.1+(2*274.68*0.2)

Ftotal = 210.78 N

## Drive Unit Specifications

### Direct Drive unit

| | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| Number of Teeth on sprocket | 16 | 16 | 12 | 12 | 12 | 12 | 12 |
| Chain Pitch (mm) | 25.4 | 25.4 | 33.5 | 35.5 | 35.5 | 33.5 | 33.5 |
| Max. Traction force (N) | 500 | 500 | 1250 | 1250 | 1250 | 1250 | 1250 |
| Sprocket Diameter (mm) | 128 | 128 | 128 | 135 | 135 | 135 | 135 |

### Suspended Drive unit

| | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| Number of Teeth on sprocket | 16 | 16 | 12 | 12 | 12 | 12 | 12 |
| Chain Pitch (mm) | 25.4 | 25.4 | 33.5 | 35.5 | 35.5 | 33.5 | 33.5 |
| Max. Traction force (N) | 500 | 500 | 1250 | 1250 | 1250 | 1250 | 1250 |
| Sprocket Diameter (mm) | 128 | 128 | 128 | 135 | 135 | 135 | 135 |

### Catenary Drive unit

| | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| Number of Teeth on sprocket | Nil | 16 | 12 | 12 | Nil | Nil | Nil |
| Chain Pitch (mm) | Nil | 25.4 | 33.5 | 35.5 | Nil | Nil | Nil |
| Max. Traction force (N) | Nil | 500 | 1250 | 1250 | Nil | Nil | Nil |
| Sprocket Diameter (mm) | 128 | 128 | 128 | 135 | Nil | Nil | Nil |

### Intermediate Drive unit

| | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| Number of Teeth on sprocket | Nil | 11 | 9 | 9 | Nil | Nil | Nil |
| Chain Pitch (mm) | Nil | 25.4 | 33.5 | 35.5 | Nil | Nil | Nil |
| Max. Traction force (N) | Nil | 200 | 200 | 200 | Nil | Nil | Nil |
| Sprocket Diameter (mm) | 88 | 88 | 98 | 101 | 101 | Nil | Nil |

### Wheel Drive unit

| | FK | FS | FM | FC | FL | FU | FV |
|---|---|---|---|---|---|---|---|
| Number of Teeth on sprocket | 300 | 300 | 320 | 340 | Nil | Nil | Nil |
| Chain Pitch (mm) | 25.4 | 25.4 | 33.5 | 35.5 | Nil | Nil | Nil |
| Max. Traction force (N) | 200 | 200 | 200 | 200 | Nil | Nil | Nil |
| Sprocket Diameter (mm) | 273 | 273 | 277 | 272 | Nil | Nil | Nil |

# PRODUCT SUMMARY

FlexMove®

## FlexMove® Conveyors are best for:

- Part Handling
- Transfers
- Tight Spaces
- Elevation Changes
- Accumulation
- Buffering
- Complex Configurations
- Long Lengths
- Curves, Jogs, Incline, Decline

## Sizes & Measurements

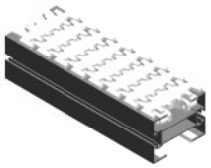
- 44 mm, 63 mm, 83 mm, 103 mm, 150 mm, 180 mm & 260 mm (widths)
- 0.6 m to 29.8 m (lengths)

## Loads & Speeds

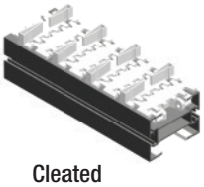
- Up to 272 kgs
- Up to 73 meters per minute

## Plastic Chain Types

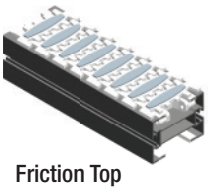
- Standard: Low Friction & Friction Insert
- Specialty
  - Conductive
  - Cleated
  - Roller Top
  - Magnet Top
  - And Many More



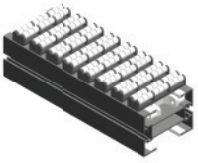
Flat



Cleated

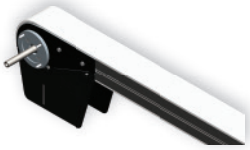


Friction Top



Roller Top

## Modules



Drive

Idler

Curve
45°, 90°, 135°, 180°

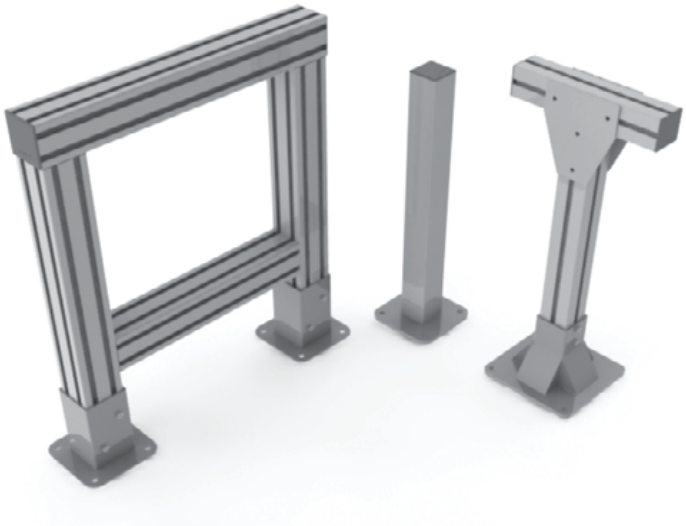
Incline/Decline
5°, 10°, 20°, 30°

## Guiding

- Fully Adjustable Single Rail
- Fully Adjustable Double Rail
- Other Options Available

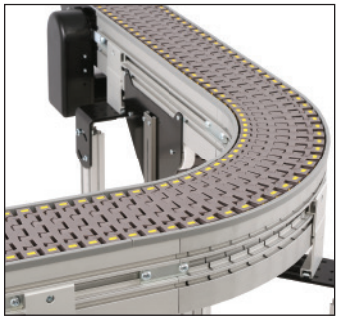
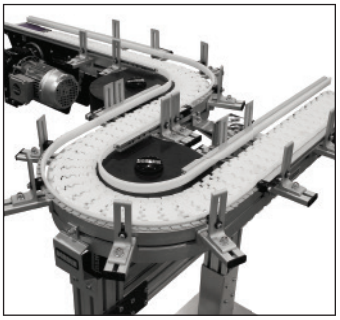
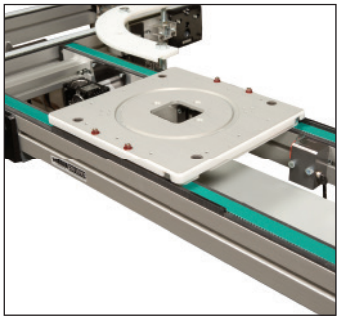
## Support Stands

- Single, Double and Multi Lane Structures Available

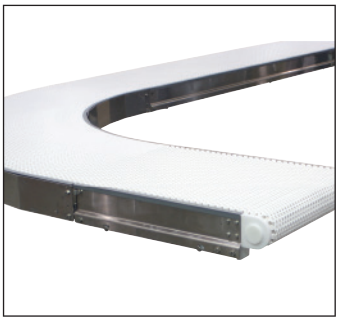
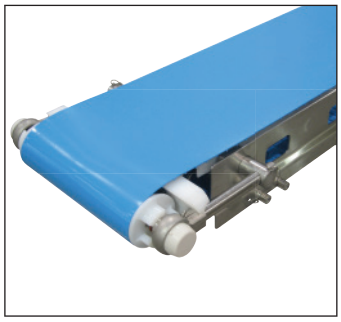


# Transforming Conveyor Automation

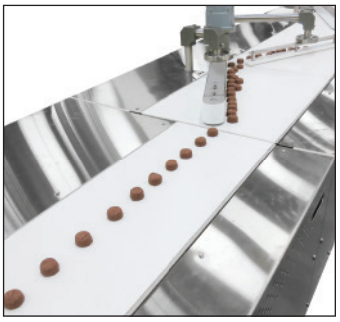
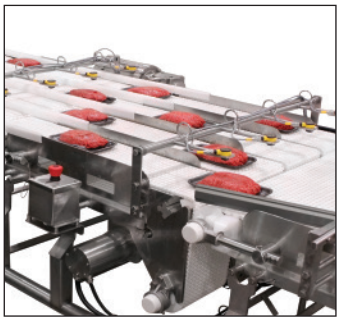
## Industrial & Automation Conveyors

## Sanitary Conveyors

## Engineered Solutions

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