

FS SERIES

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

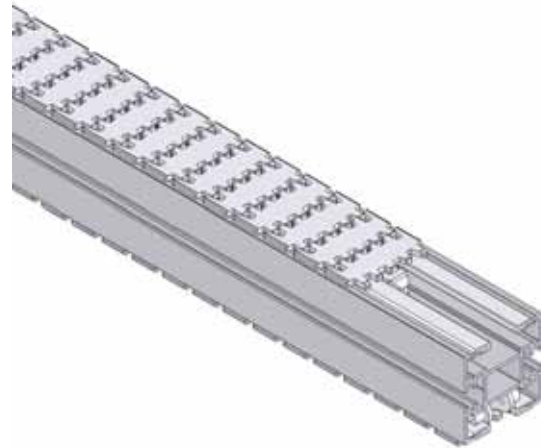
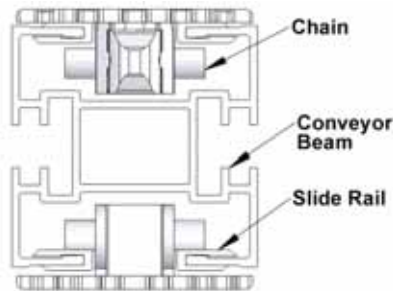
Slide Rail Material: HDPE OR UHMW-PE

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

Connecting strip is used to connect 2 beams.

Connecting Strip: FACS-25x140A

FS



Conveyor Beam FSCB-3

Technical drawing of the FSCB-3 conveyor beam. It shows a cross-section with a width of 65mm and a height of 64mm. A dimension of 11mm is shown for the top flange thickness.

UOM : 3 Meter / Length



Chain Connecting Module FSCC-160

Technical drawing of the FSCC-160 chain connecting module. It shows a side view with a total length of 200mm, divided into three sections of 70mm, 160mm, and 70mm.

UOM: pc



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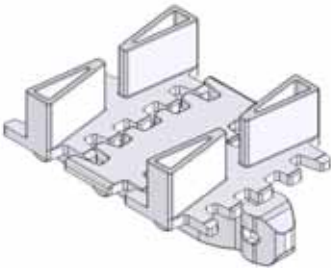
Chain Common Data

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 and 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.

Conductive Chain FSPC-5CD

UOM: 5 Meter / box
Application: Suitable for transport of static sensitive product.

Friction Top Chain FSFT-5

UOM: 5 Meter / box
Application: Suitable for transport product in slope > 5° but <= 30° without accumulation.

Wedge Top Chain FSWT-5A

UOM: 5 Meter / box
Application: Vertical Wedge transportation of products.

Roller Top Chain FSRT-5

UOM: 5 Meter / box
Application: Suitable for accumulation of product with low friction and pressure.

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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.


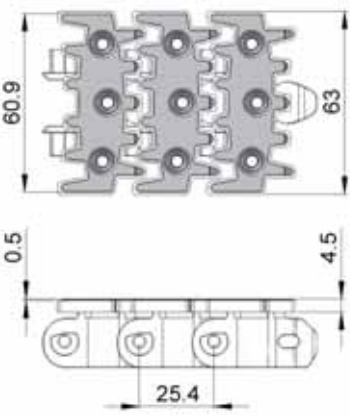
Magnet Top Chain FSMT-5-L#
= 1, 2, 3, 4, 5.....20

UOM: 5 Meter / box
Application: Suitable for conveying ferromagnetic products in slope.

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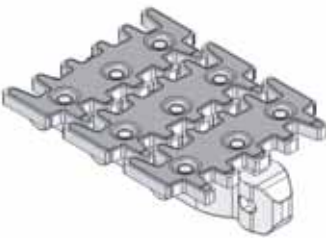
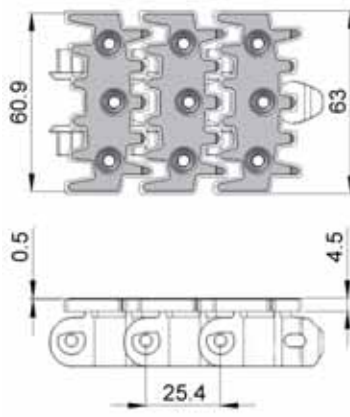
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Hardened Steel Top Chain FSST-5

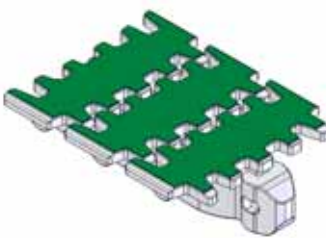
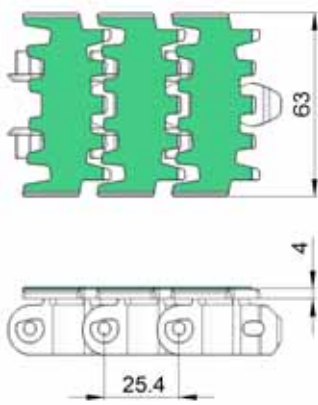
UOM: 5 METER/BOX
Application: Suitable to transport metal products in accumulation.

S/steel Top Chain FSST-5S

UOM: 5 METER/BOX
Application: Suitable to transport metal products in accumulation.

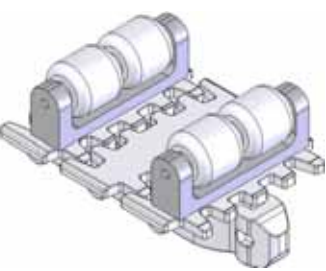
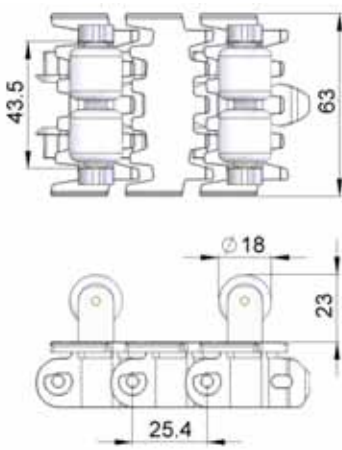
Flocked Chain FSFK-5

UOM: 5 METER/BOX
Application: Suitable to transport light weight, fragile and scratch sensitive product.


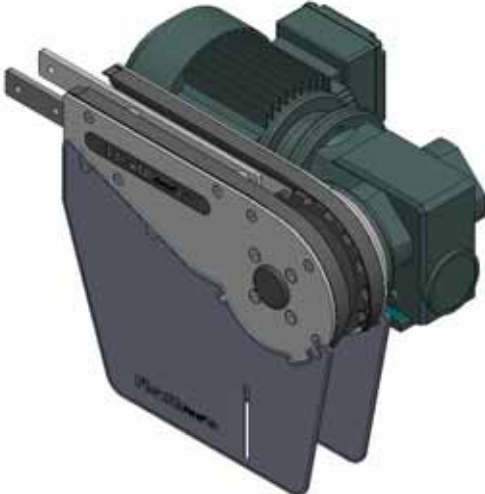
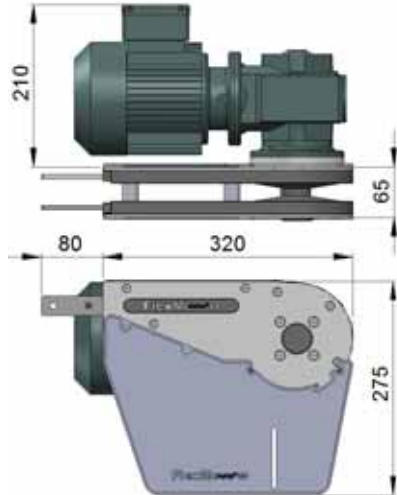
Roller Cleat Chain FSRC-5-L#

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

UOM: 5 Meter / box
Application: Suitable for vertical transportation of product in slope with no accumulation.

FS SERIES

FS Direct End Drive with Motor (LEFT) FSDD65-0.25L1, 0.37L1, 0.55L1		FS Direct End Drive without Motor (LEFT) FSDD65-0L1
		
<p>Max Traction Force : 500N</p> <p>The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-0L1 represents direct drive without gear motor. Multi channel drives are available upon request.</p>		
UOM : pc Chain required 2-way : 0.8 meter Slide rail required 2-way: 0.5 meter		

FS

FS Direct End Drive with Motor (RIGHT) FSDD65-0.25R1, 0.37R1, 0.55R1		FS Direct End Drive without Motor (RIGHT) FSDD65-0R1
		
<p>Max Traction Force : 500N</p> <p>The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-0R1 represents direct drive without gear motor. Multi channel drives are available upon request.</p>		
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.

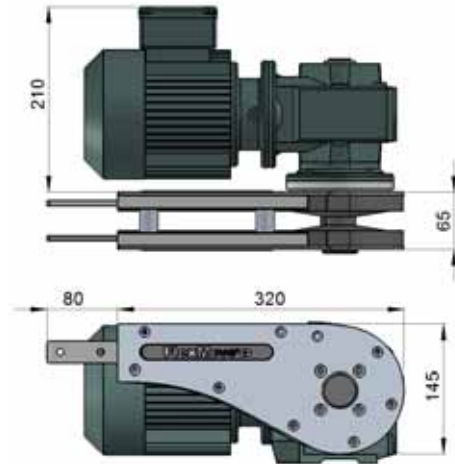
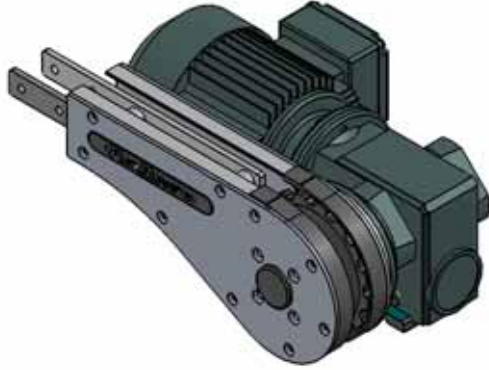
FS SERIES

FS

FS Direct End Drive with Motor GP (LEFT)
FSDD65-GP-0.25L1, 0.37L1, 0.55L1



FS Direct End Drive without Motor GP (RIGHT)
FSDD65-GP-0L1



Max Traction Force : 500N

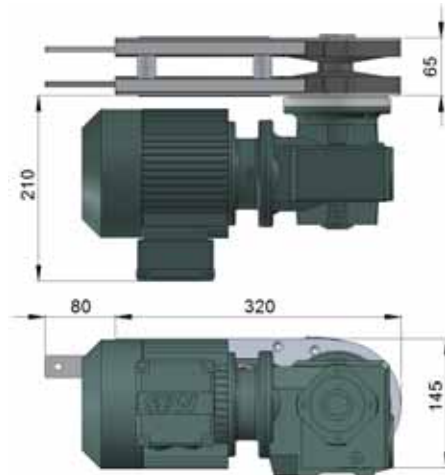
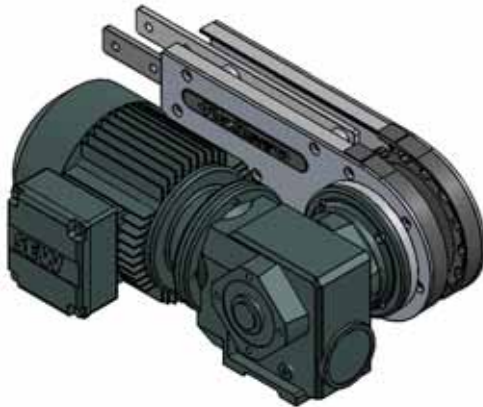
The Direct End Drive Unit GP is used for vertical wedge conveyor. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-GP-0L represents direct drive without gear motor. FSDD-GP drives are used for vertical wedge conveyor.

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

FS Direct End Drive with Motor GP (RIGHT)
FSDD65-GP-0.25R1, 0.37R1, 0.55R1



FS Direct End Drive without Motor GP (RIGHT)
FSDD65-GP-0R1



Max Traction Force : 500N

The Direct End Drive Unit GP is used for vertical wedge conveyor. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-GP-0R represents direct drive without gear motor. FSDD-GP drives are used for vertical wedge conveyor.

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.

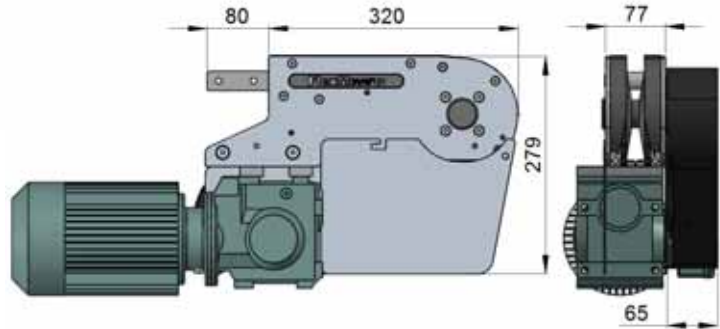
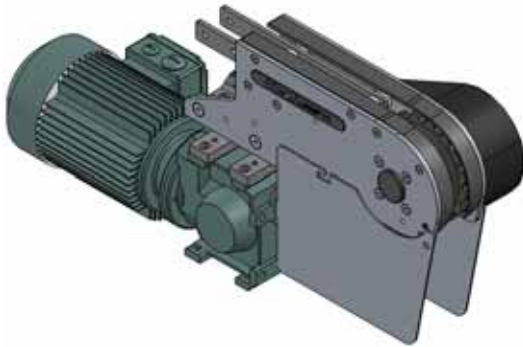
FS SERIES

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FS Suspended End Drive with Motor (LEFT)
FSSD-0.25L1, 0.37L1, 0.55L1



FS Suspended End Drive without Motor (LEFT)
FSSD-0L1



Max Traction Force : 500N

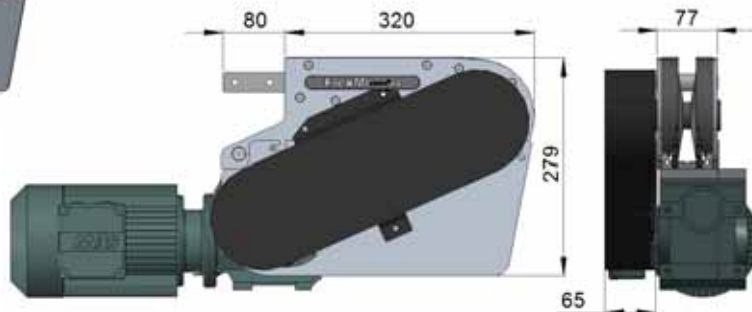
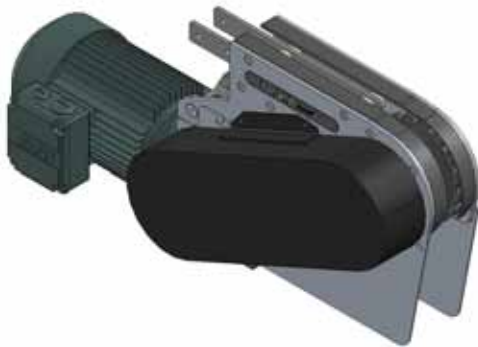
The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSSD-0L represents direct drive without gear motor.

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-0.25R1, 0.37R1, 0.55R1



FS Suspended End Drive without Motor (RIGHT)
FSSD-0R1



Max Traction Force : 500N


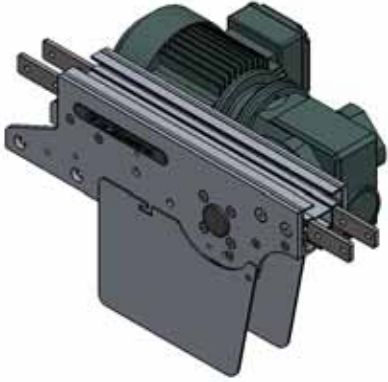
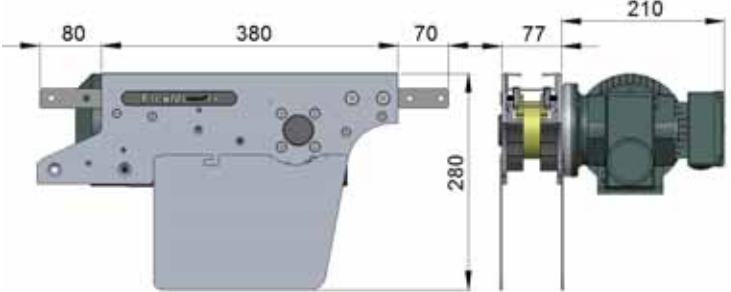
The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSSD-0R represents direct drive without gear motor.


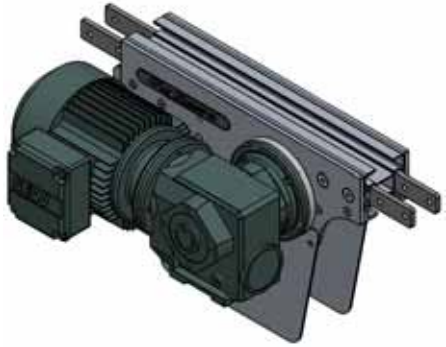
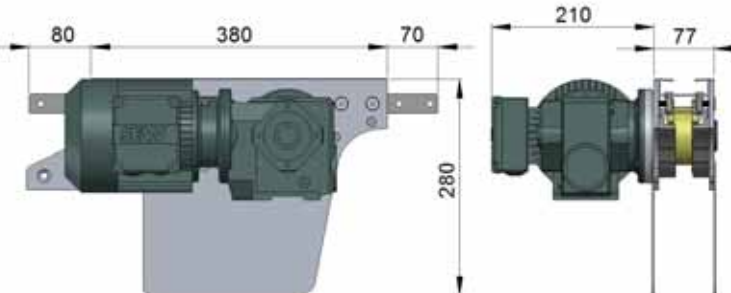
UOM : pc
 Chain required 2-way : 0.8 meter
 Slide rail required 2-way: 0.5 meter

SEW gear motors are products of SEW Eurodrive.

FS SERIES

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FS Direct Intermediate Drive with Motor (LEFT) FSID-DD-0.25L1, 0.37L1, 0.55L1		FS Direct Intermediate Drive without Motor (LEFT) FSID-DD-0L1
 		
<p>Max Traction Force : 200N</p> <p>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-0L represents direct drive without gear motor. Maximum traction force for FSID-DD is lower than FSDD and FSSD.</p>		
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
 		
<p>Max Traction Force : 200N</p> <p>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-0R represents direct drive without gear motor. Maximum traction force for FSID-DD is lower than FSDD and FSSD.</p>		
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 SERIES

FS

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
<p>Max Traction Force : 200N</p> <p>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-0L represents suspended drive without gear motor. Maximum traction force for FSID-SD is lower than FSDD and FSSD.</p>		
UOM : pc Chain required 2-way : 1.2 meter Slide rail required 2-way: 1.1 meter		

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
<p>Max Traction Force : 200N</p> <p>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-0R represents suspended drive without gear motor. Maximum traction force for FSID-SD is lower than FSDD and FSSD.</p>		
UOM : pc Chain required 2-way : 1.2 meter Slide rail required 2-way: 1.1 meter		

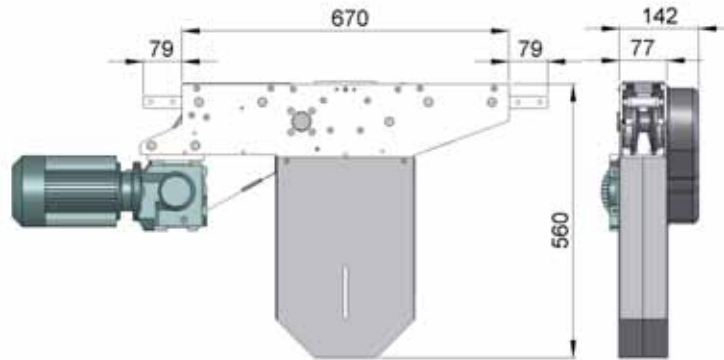
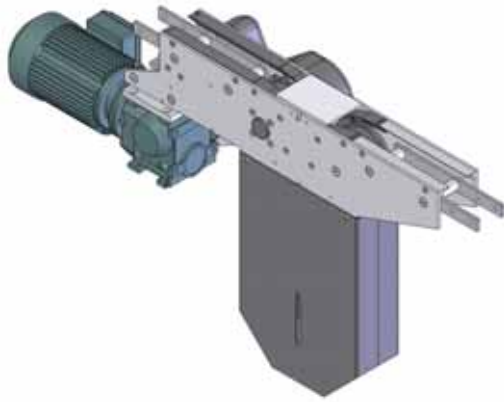
SEW gear motors are products of SEW Eurodrive.

FS SERIES

FS

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



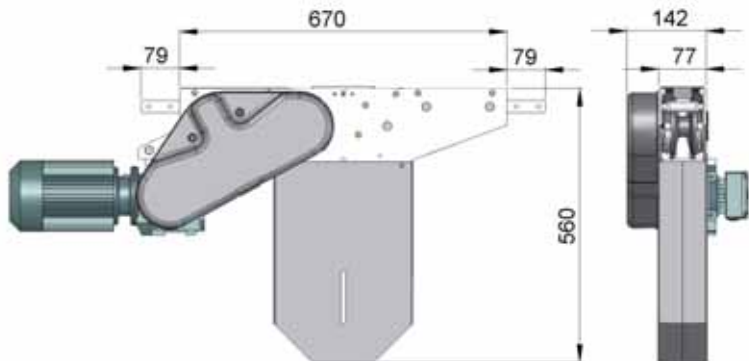
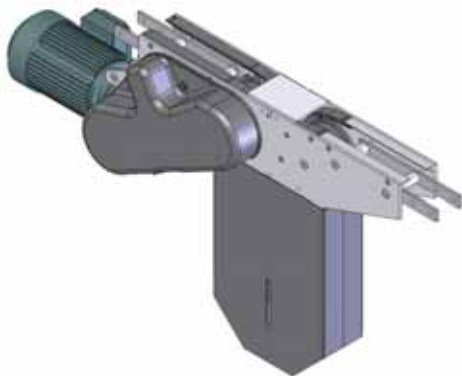
Max Traction Force : 500N

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

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.

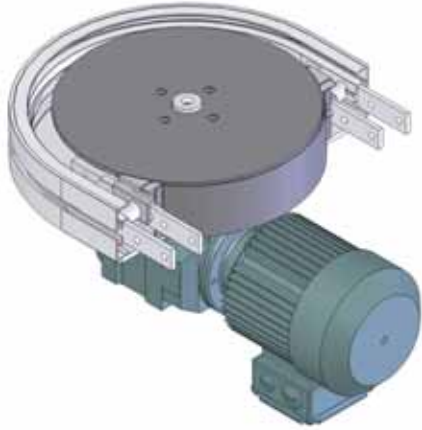
UOM : pc
Chain required 1-way : 1.4 meter
Slide rail required 1-way: 1.0 meter

SEW gear motors are products of SEW Eurodrive.

FS SERIES

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FS Direct Wheel Drive with Motor
FSWD-DD-0.25, 0.37, 0.55



Max Traction Force : 200N

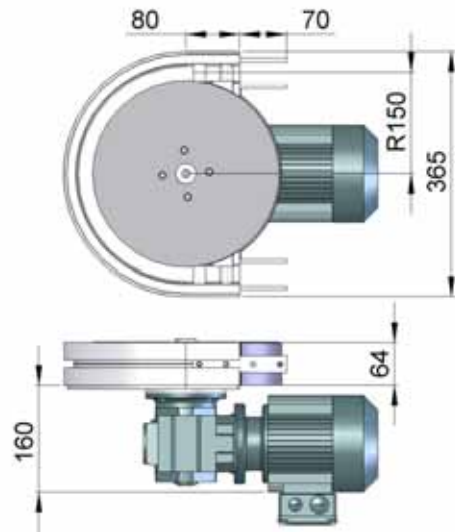
The Direct Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-DD-0M represents direct drive without gear motor. Maximum traction force for FSWD-DD is lower than FSDD and FSSD.

UOM : pc

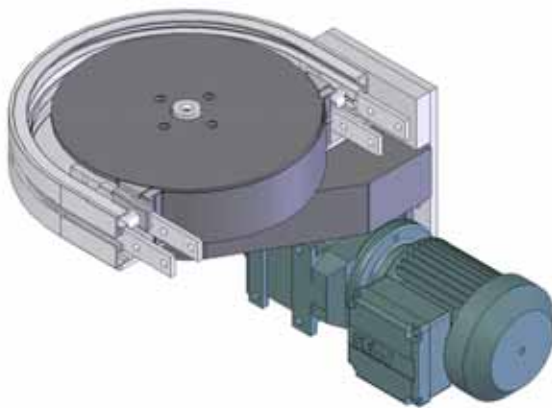
Chain required 1-way : 0.7 meter

Slide rail required 1-way: 0.7 meter

FS Direct Wheel Drive without Motor
FSWD-DD-0M



FS Suspended Wheel Drive with Motor
FSWD-SD-0.25, 0.37, 0.55



Max Traction Force : 200N

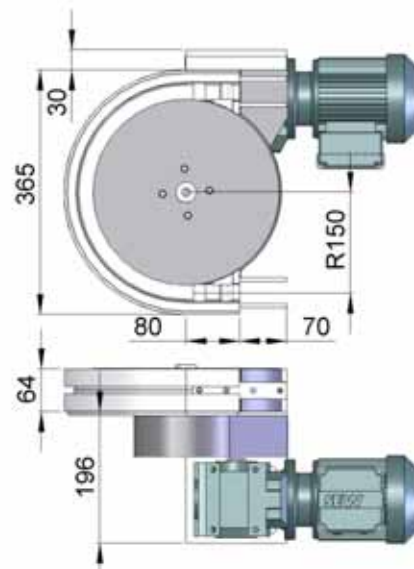
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-SD-0M represents direct drive without gear motor. Maximum traction force for FSWD-SD is lower than FSDD and FSSD.

UOM : pc

Chain required 1-way : 0.7 meter

Slide rail required 1-way: 0.7 meter

FS Suspended Wheel Drive without Motor
FSWD-SD-0M

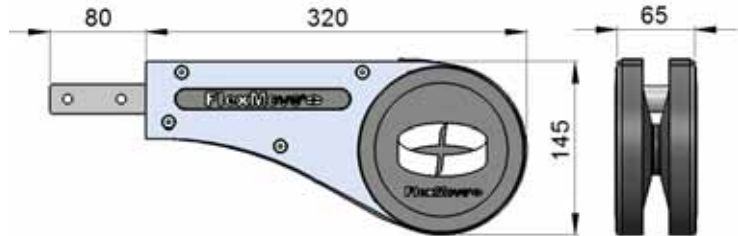


SEW gear motors are products of SEW Eurodrive.

FS SERIES

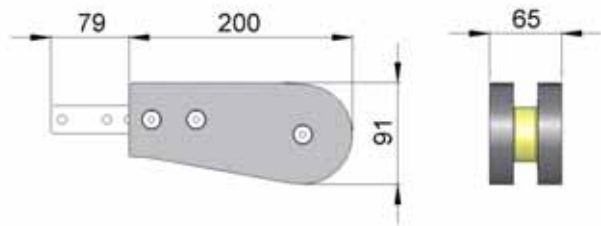
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FS Idler End-320
FSIE-320



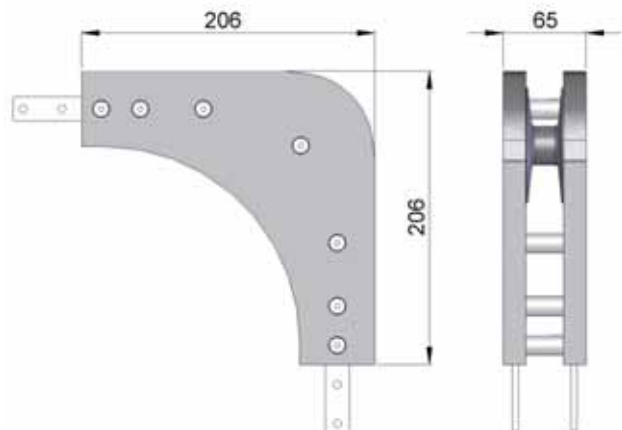
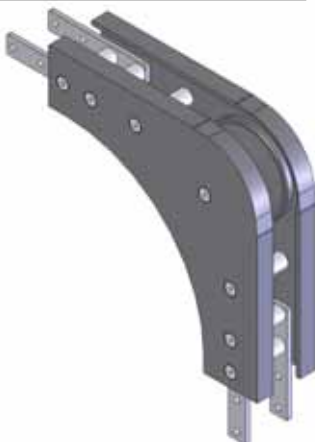
UOM : pc
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.5 meter

FS Idler End-200
FSIE-200



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

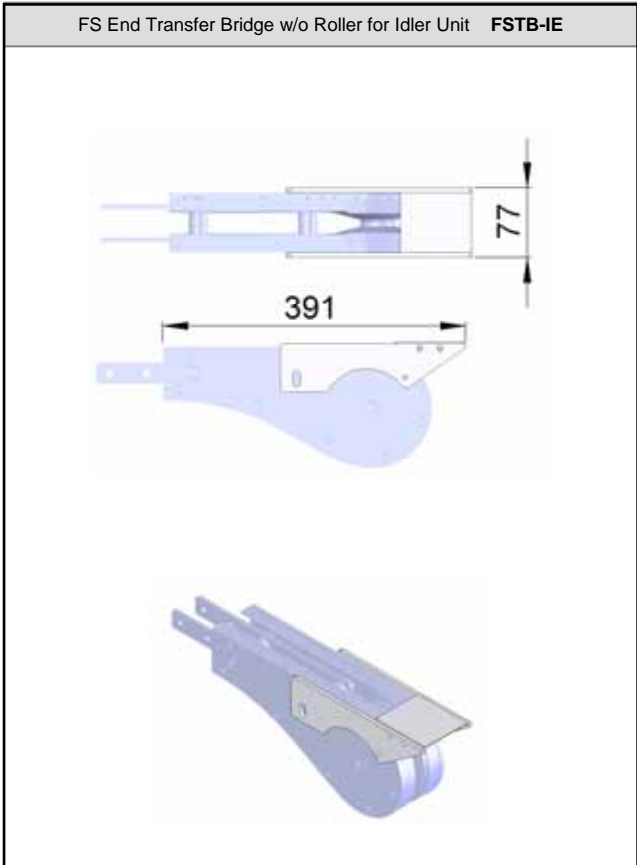
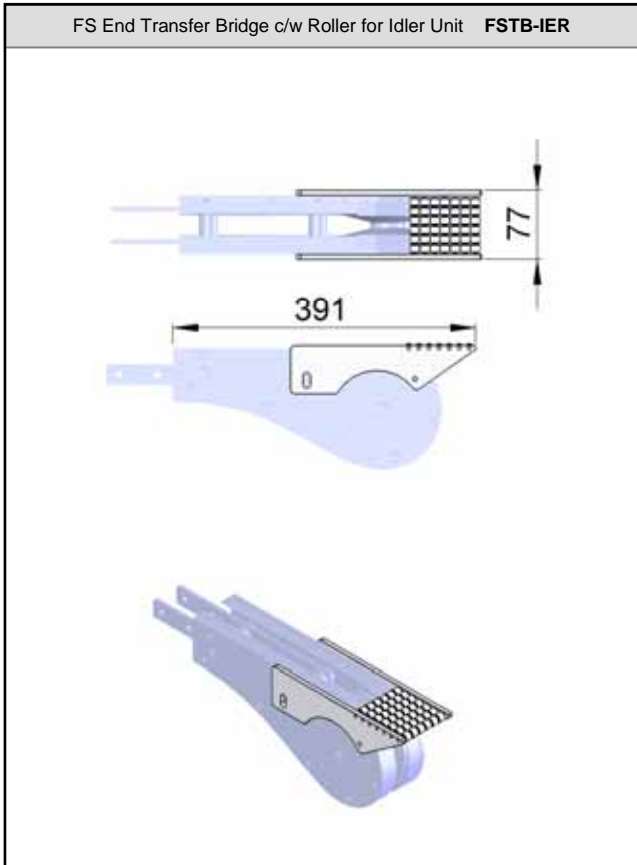
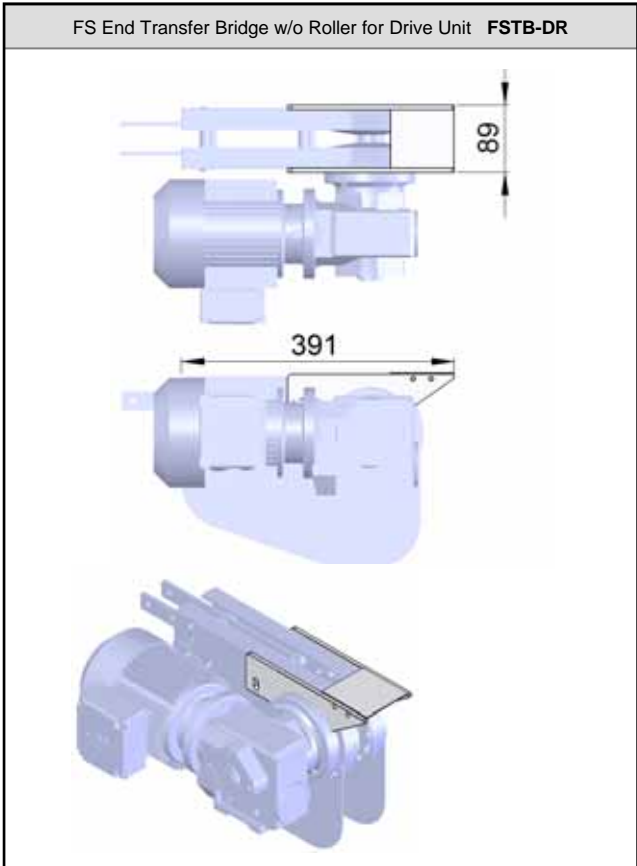
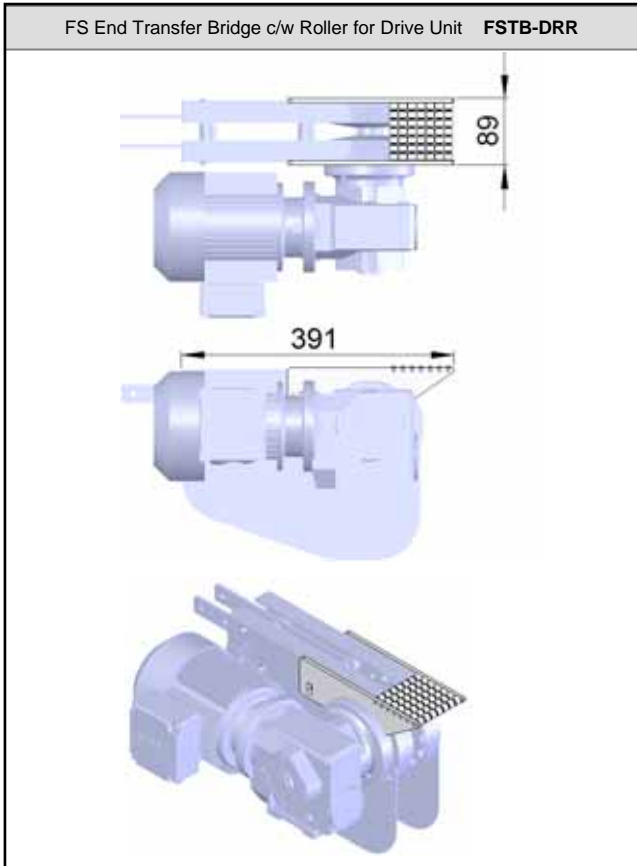
FS Idler Bend
FSIB-206



UOM : pc
Chain required 2-way : 1.6 meter
Slide rail required 2-way: 0

FS SERIES

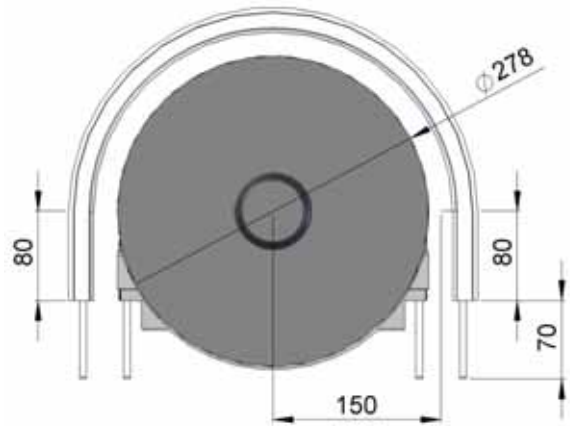
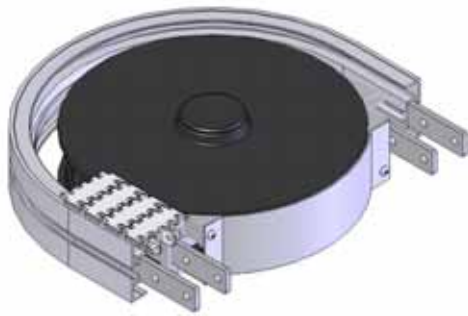
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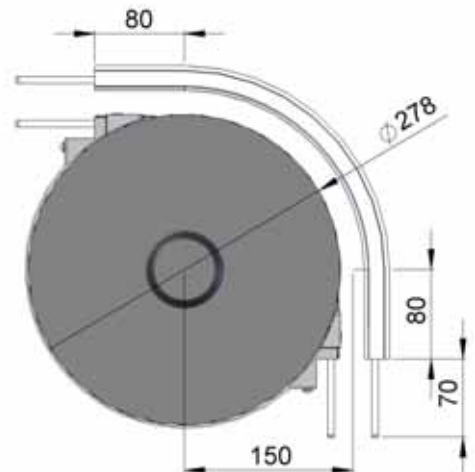
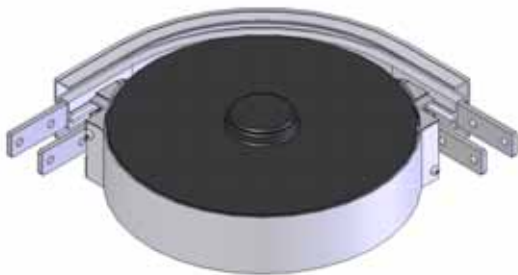
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FS Wheel Bend 180°
FSWB-180R150A



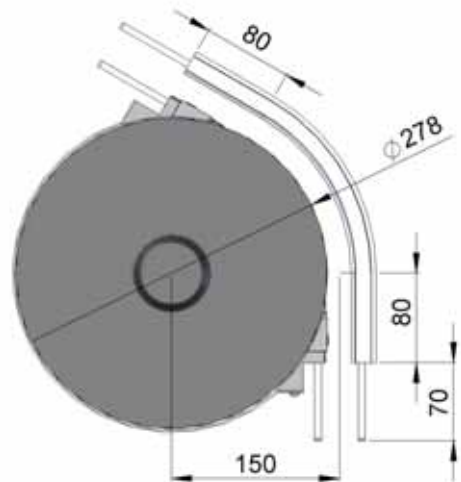
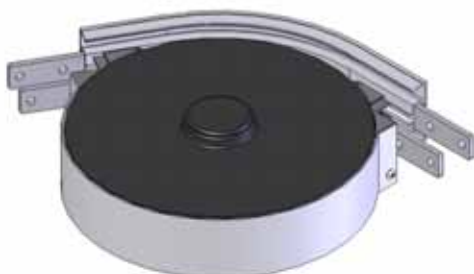
UOM : pc
Chain required 2-way : 0.9 meter
Slide rail required 2-way: 1.0 meter

FS Wheel Bend 90°
FSWB-90R150A



UOM : pc
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 0.6 meter

FS Wheel Bend 60°
FSWB-60R150A

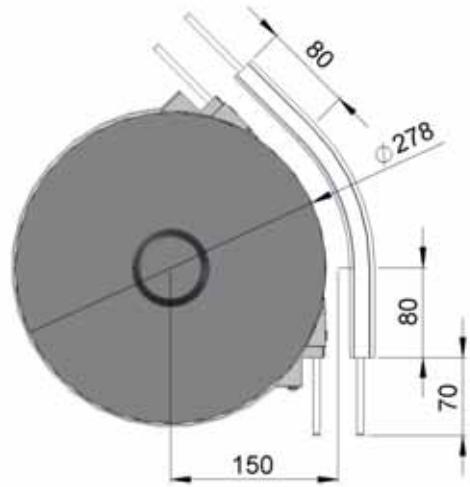
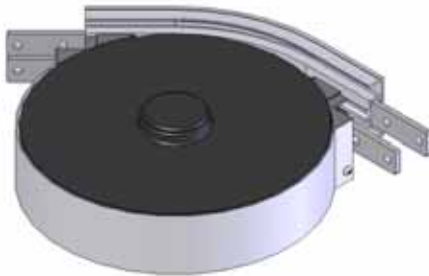


UOM : pc
Chain required 2-way : 0.5 meter
Slide rail required 2-way: 0.7 meter

FS SERIES

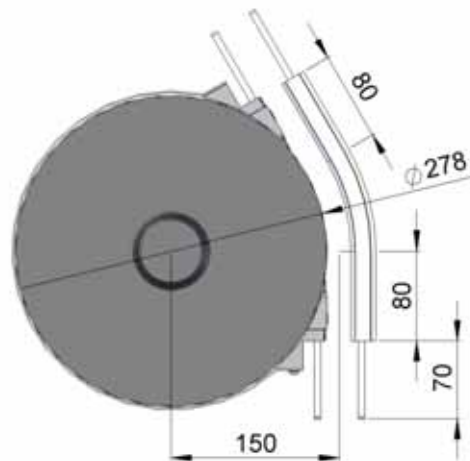
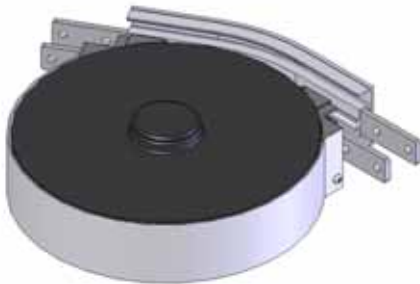
FS

FS Wheel Bend 45°
FSWB-45R150A



UOM : pc
Chain required 2-way : 0.5 meter
Slide rail required 2-way: 0.6 meter

FS Wheel Bend 30°
FSWB-30R150A



UOM : pc
Chain required 2-way : 0.4 meter
Slide rail required 2-way: 0.6 meter

FS Wheel Bend 5° - 180°

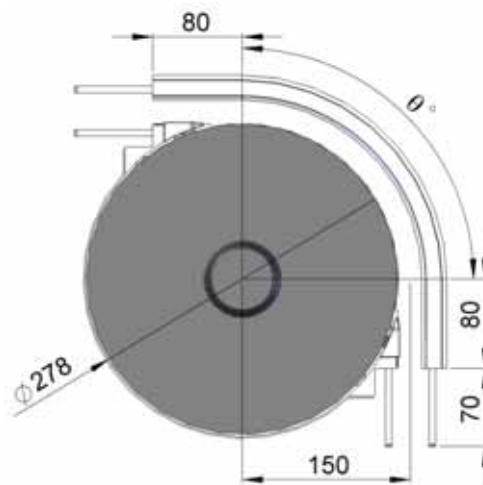
Example for FS Wheel Bend Ordering

Wheel bend, $\Theta^\circ \pm 1^\circ$

FSWB- Θ° R150A

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

FSWB-65R150A

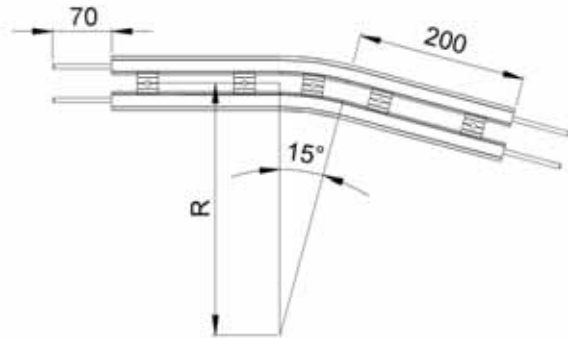


The outer bend is assembled using connecting strip (FACS-25x140A). Angle of Θ° must be indicated when ordering.

FS SERIES

FS

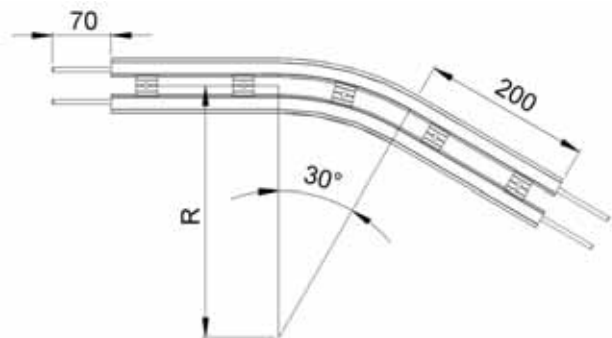
FS Horizontal Plain Bend 15°



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

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**

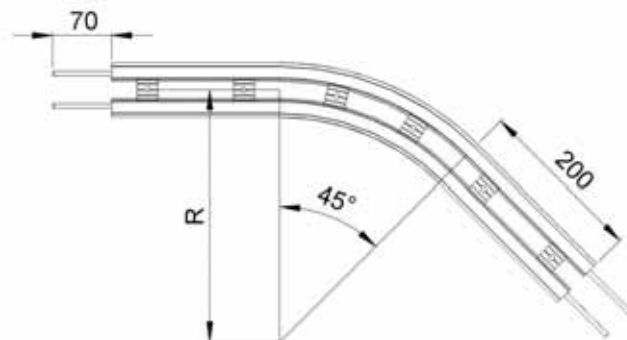
FS Horizontal Plain Bend 30°



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

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**

FS Horizontal Plain Bend 45°



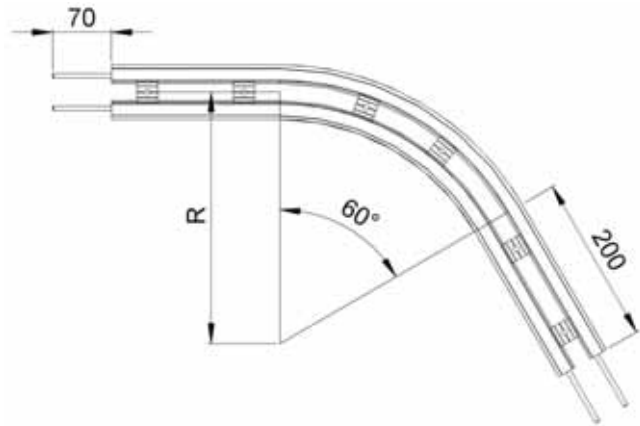
UOM : pc
 Chain required 2-way (300, 500, 700, 1000) : 1.3, 1.6, 1.9, 2.4 meter
 Slide rail required 2-way(300, 500, 700, 1000): 2.5, 2.9, 3.3, 3.9 meter

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**

FS SERIES

FS

FS Horizontal Plain Bend 60°



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

Horizontal plain bend, $60^\circ \pm 1^\circ$

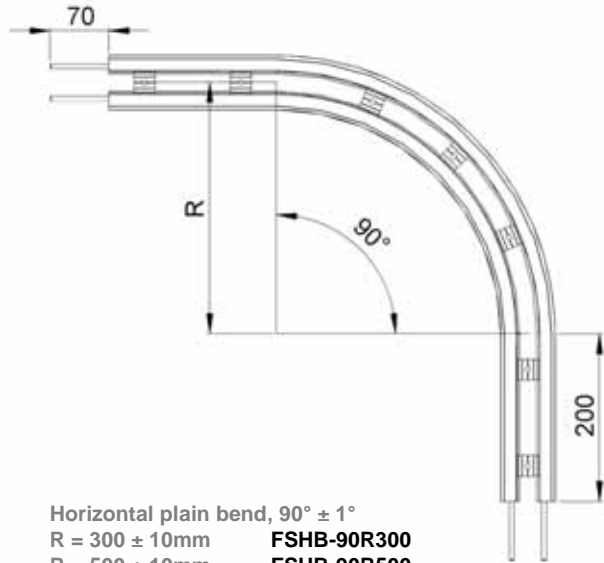
R = 300 ± 10 mm **FSHB-60R300**

R = 500 ± 10 mm **FSHB-60R500**

R = 700 ± 10 mm **FSHB-60R700**

R = 1000 ± 10 mm **FSHB-60R1000**

FS Horizontal Plain Bend 90°



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

Horizontal plain bend, $90^\circ \pm 1^\circ$

R = 300 ± 10 mm **FSHB-90R300**

R = 500 ± 10 mm **FSHB-90R500**

R = 700 ± 10 mm **FSHB-90R700**

R = 1000 ± 10 mm **FSHB-90R1000**

FS SERIES

FS

FS Horizontal Plain Bend 180°

Horizontal plain bend, $180^\circ \pm 1^\circ$

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, 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

FS Horizontal Plain Bend 5-180°

Example for FS Horizontal Plain Bend Ordering

Horizontal plain bend, $\theta^\circ \pm 1^\circ$

R = 300 ± 10mm	FSHB-θ°R300
R = 500 ± 10mm	FSHB-θ°R500
R = 700 ± 10mm	FSHB-θ°R700
R = 1000 ± 10mm	FSHB-θ°R1000

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

FSHB-120R500

UOM : pc

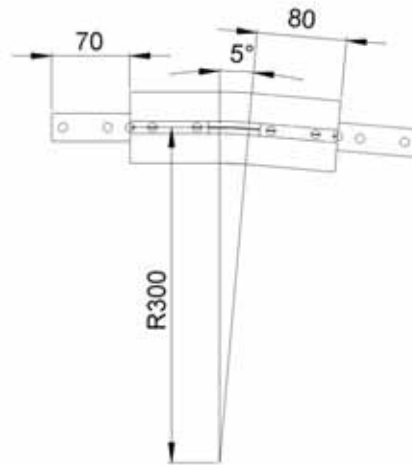
Chain required 2-way (300, 500, 700, 1000) : meter (variable to angle)

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

FS SERIES

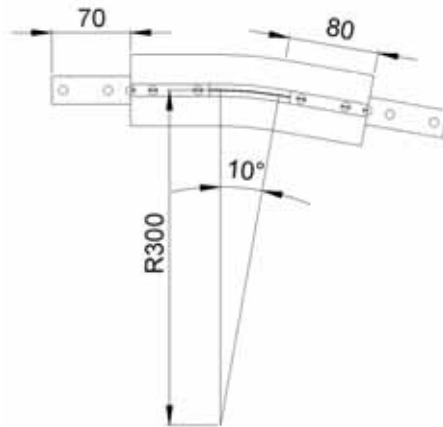
FS

FS Vertical Bend 5°
FSVB-5R300



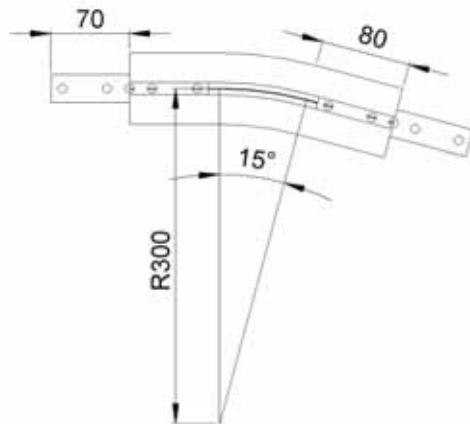
UOM : pc
Chain required 2-way : 0.4 meter
Slide rail required 2-way: 0.8 meter

FS Vertical Bend 10°
FSVB-10R300



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

FS Vertical Bend 15°
FSVB-15R300

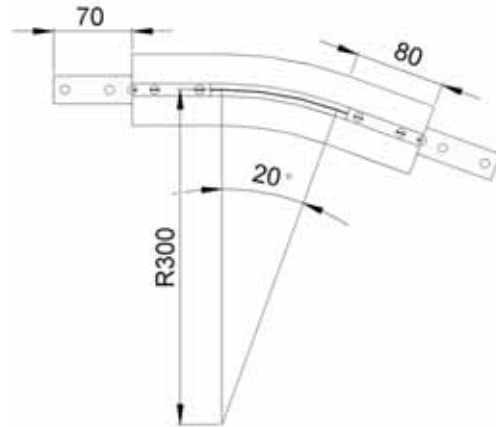


UOM : pc
Chain required 2-way : 0.5 meter
Slide rail required 2-way: 1.0 meter

FS SERIES

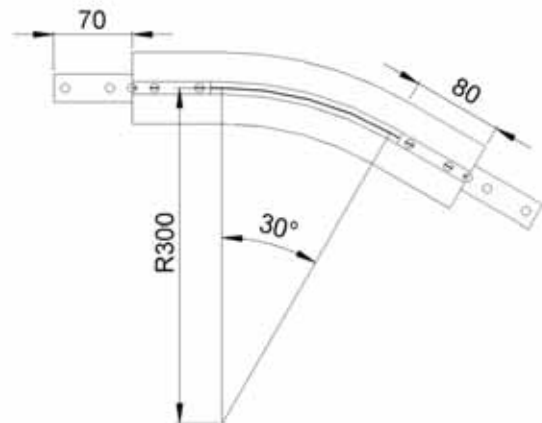
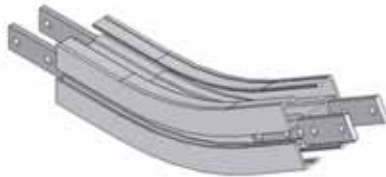
FS

FS Vertical Bend 20°
FSVB-20R300



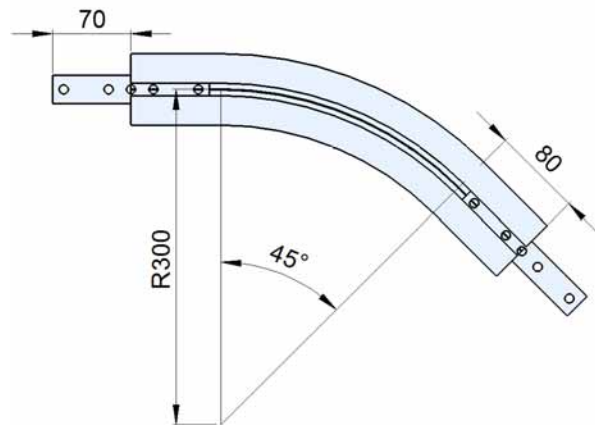
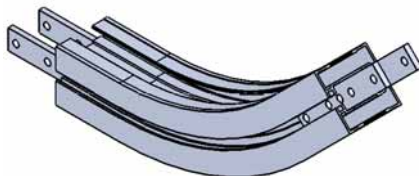
UOM : pc
Chain required 2-way : 0.6 meter
Slide rail required 2-way: 1.1 meter

FS Vertical Bend 30°
FSVB-30R300



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

FS Vertical Bend 45°
FSVB-45R300

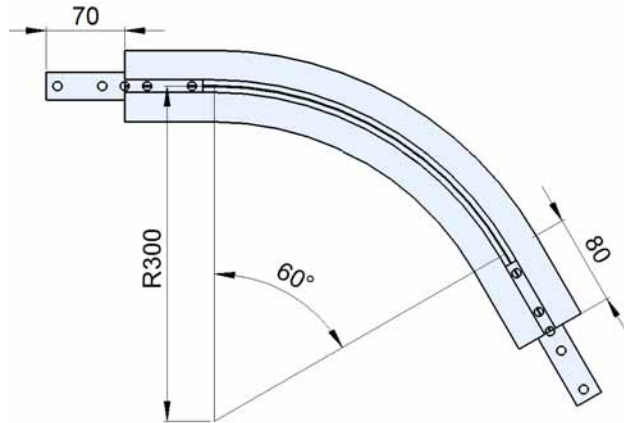
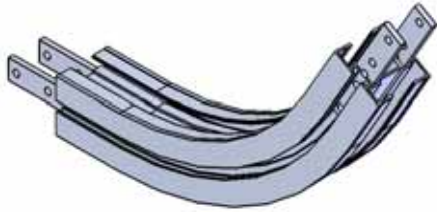


UOM : pc
Chain required 2-way : 0.8 meter
Slide rail required 2-way: 1.6 meter

FS SERIES

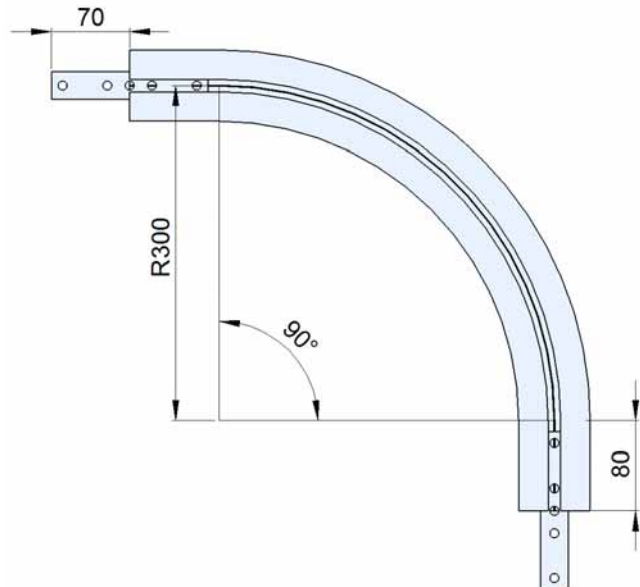
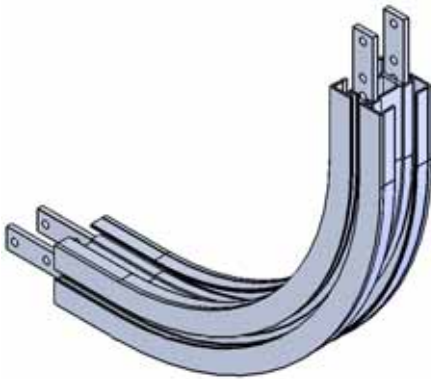
FS

FS Vertical Bend 60°
FSVB-60R300



UOM : pc
Chain required 2-way : 1.0 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: 2.6 meter

FS Vertical Bend 5° - 90°

Example for FS Vertical Bend Ordering

Vertical bend, $\theta^\circ \pm 1^\circ$

FSVB- θ° 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 "θ°" must be indicated when ordering.

