

FC

FC SERIES

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

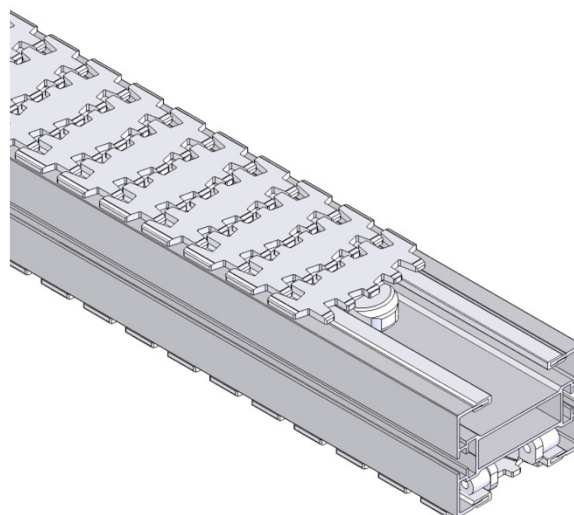
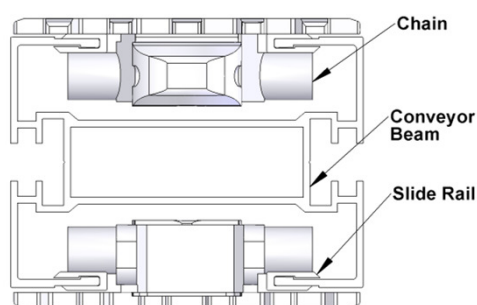
Slide Rail Colour: WHITE OR NATURAL COLOUR

Slide Rail Material: HDPE OR UHMW

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

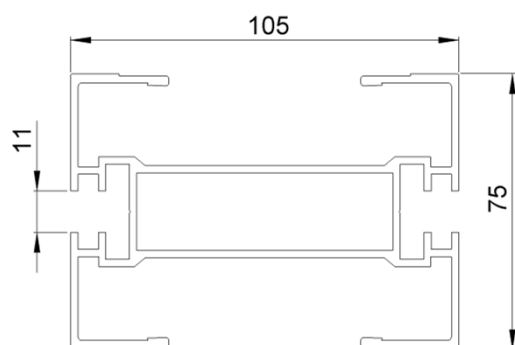
Connecting strip is used to connect 2 beams.

Connecting Strip: FACS-25x140A

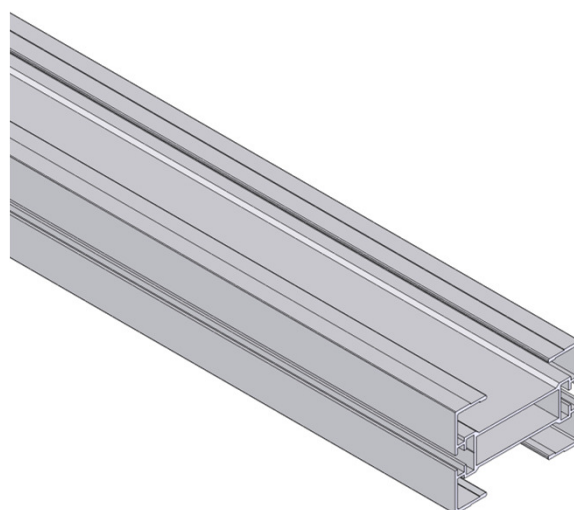


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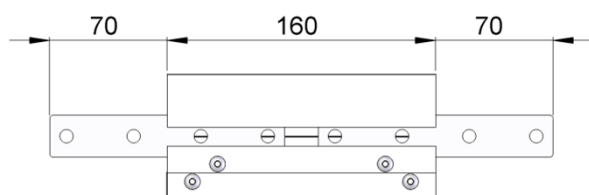
Conveyor Beam **FCCB-3**



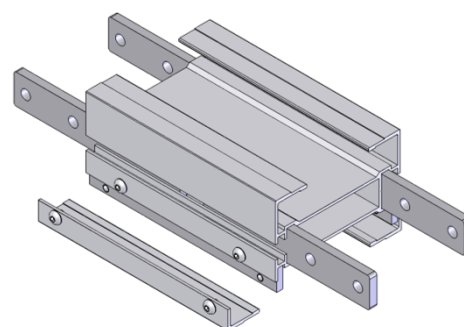
UOM : 3 Meter / Length



Chain Connecting Module **FCCC-160**



UOM: pc



FC SERIES

Chain Common Data

Packaging: 5m per box
Pitch: 35.5mm
Width: 105mm
Tensile Strength at 20°C: 6000N
Colour: White & Black (Conductive)

Material :-

Chain: White Acetal / POM

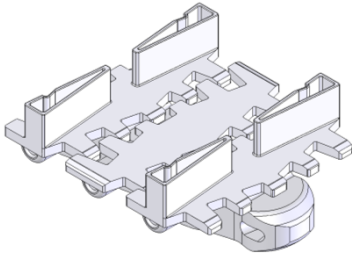
Pivot: Polyamide

Pivot Pin : Stainless Steel

Insert (Wedge and Friction): TPE Grey

Example for FCCT-5A17-L#

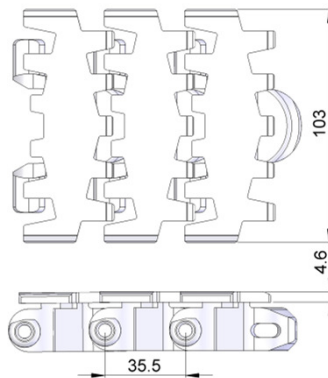
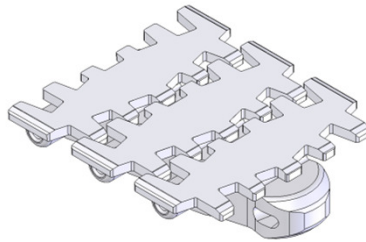
= 1 cleated top chain with alternate of # link of plain chain



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

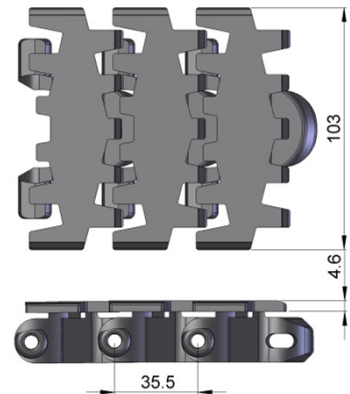
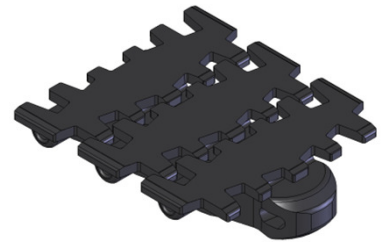
Standard Plain Chain FCPC-5



UOM: 5 Meter / box

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

Conductive Chain FCPC-5CD

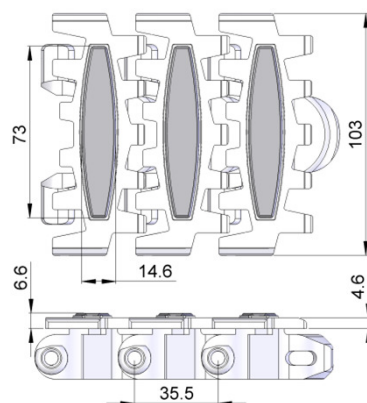
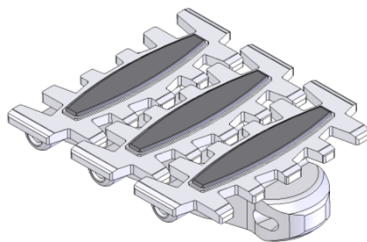


UOM: 5 Meter / box

Application: Suitable for transport of static sensitive product..

FC

Friction Top Chain FCFT-5

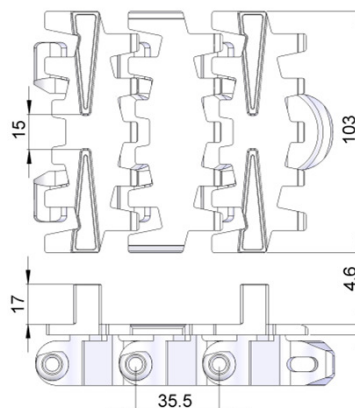
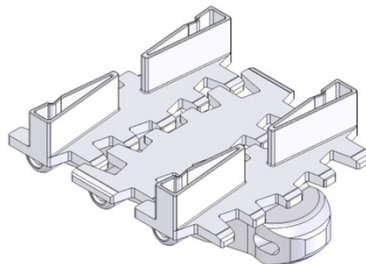


UOM: 5 Meter / box

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

Cleat Top Chain FCCT-5A17-L#

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

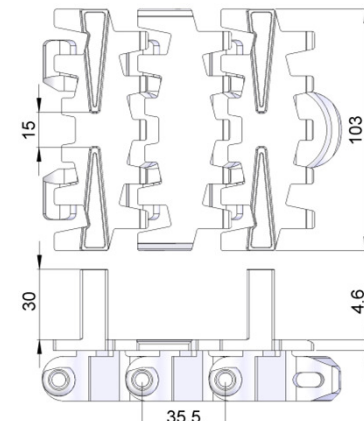
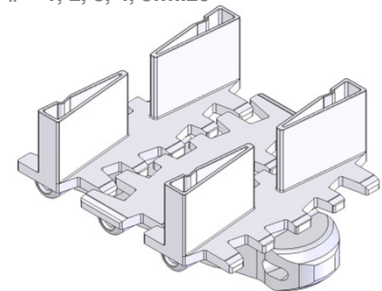


UOM: 5 Meter / box

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

Cleat Top Chain FCCT-5A30-L#

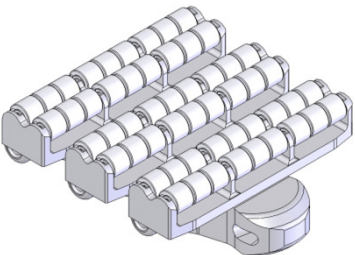
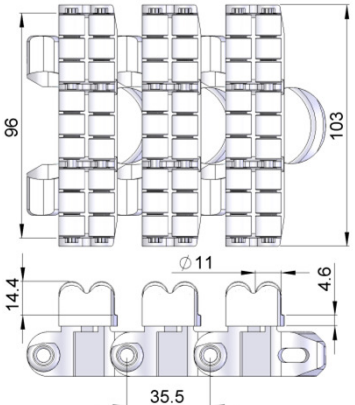
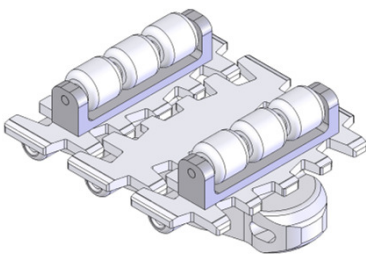
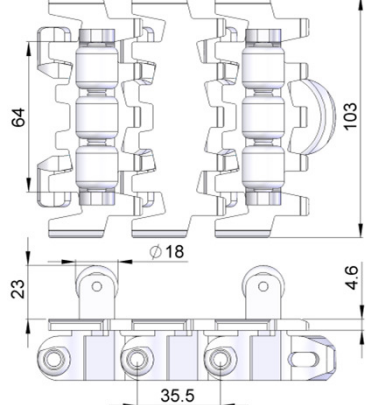
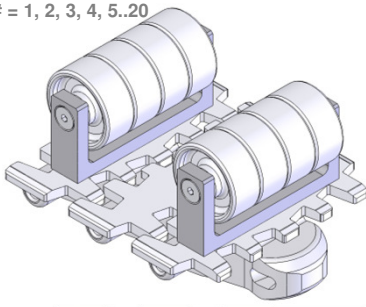
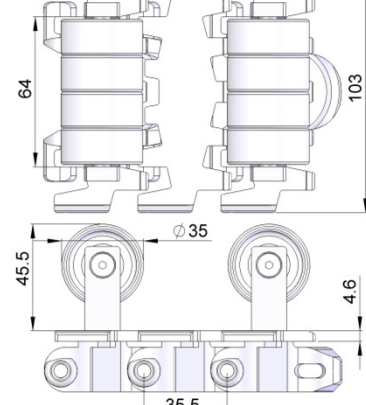
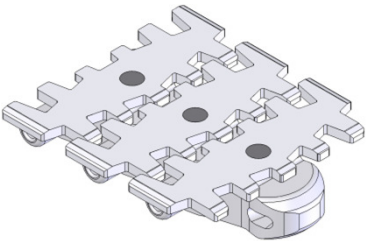
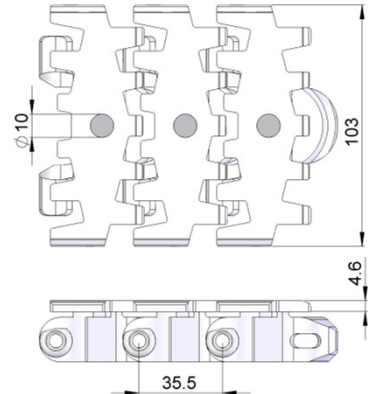
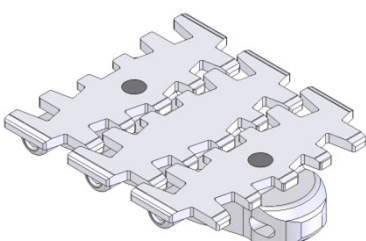
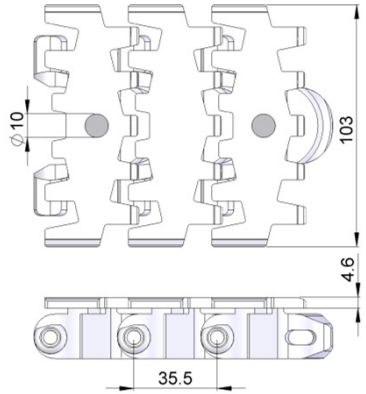
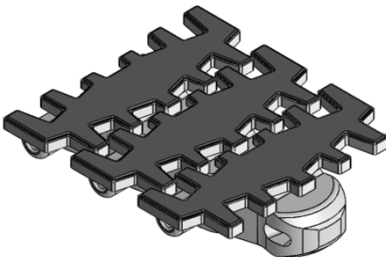
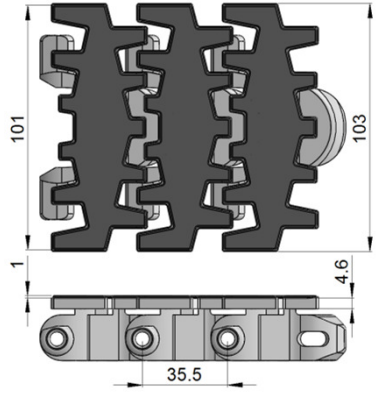
= 1, 2, 3, 4, 5.....20



UOM: 5 Meter / box

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

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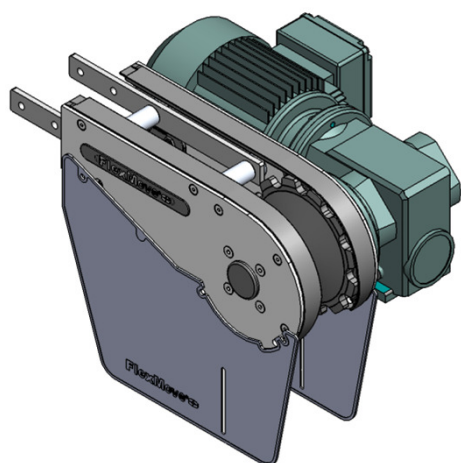
<p>Roller Top Chain FCRT-5</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for accumulation of product with low friction and pressure.</p>	<p>Roller Cleat Chain FCRC-5A-L#</p> <p># = 1, 2, 3, 4, 5..20</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for vertical transportation of product in slope with no accumulation.</p>	<p>Roller Cleat Chain FCRC-5B-L#</p> <p># = 1, 2, 3, 4, 5..20</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for vertical transportation of product in slope with no accumulation.</p>
<p>Magnet Top Chain FCMT-5</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for conveying of ferromagnetic products in slope.</p>	<p>Magnet Top Chain FCMT-5-L#</p> <p># = 1, 2, 3, 4, 5..20</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for conveying of ferromagnetic products in slope.</p>	<p>Friction Top Chain FCFT-5A</p>   <p>UOM: 5 Meter / box</p> <p>Application: Suitable for transport product in slope > 5 ° but <= 30 ° without accumulation.</p>

FC

FC SERIES

FC Direct End Drive with Motor (LEFT)

FCDD105-0.25L1, 0.37L1, 0.55L1



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. FCDD105-0L1 represents direct drive without gear motor. Multi channel drives are available upon request.

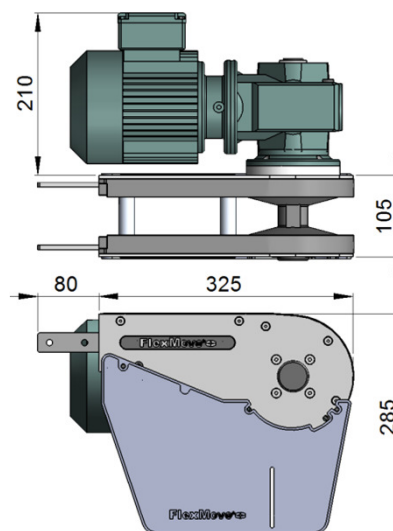
UOM : pc

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

FC Direct End Drive without Motor (LEFT)

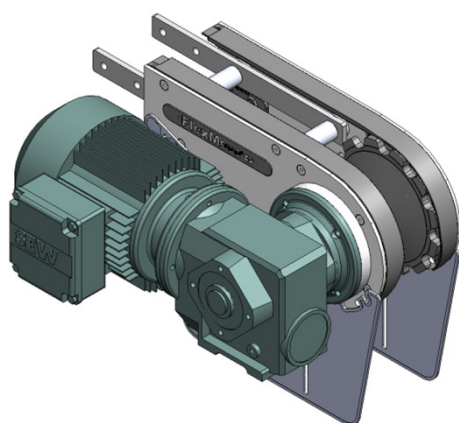
FCDD105-0L1



FC

FC Direct End Drive with Motor (RIGHT)

FCDD105-0.25R1, 0.37R1, 0.55R1



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. FCDD105-0R1 represents direct drive without gear motor. Multi channel drives are available upon request.

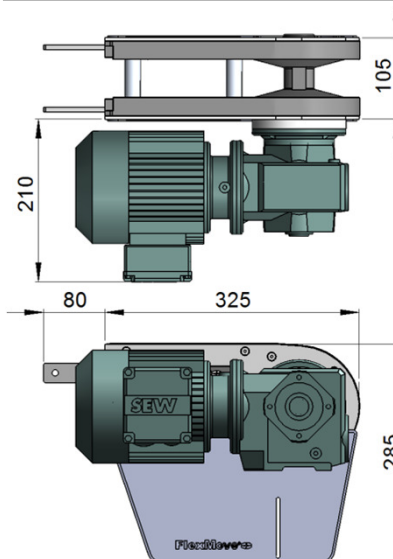
UOM : pc

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

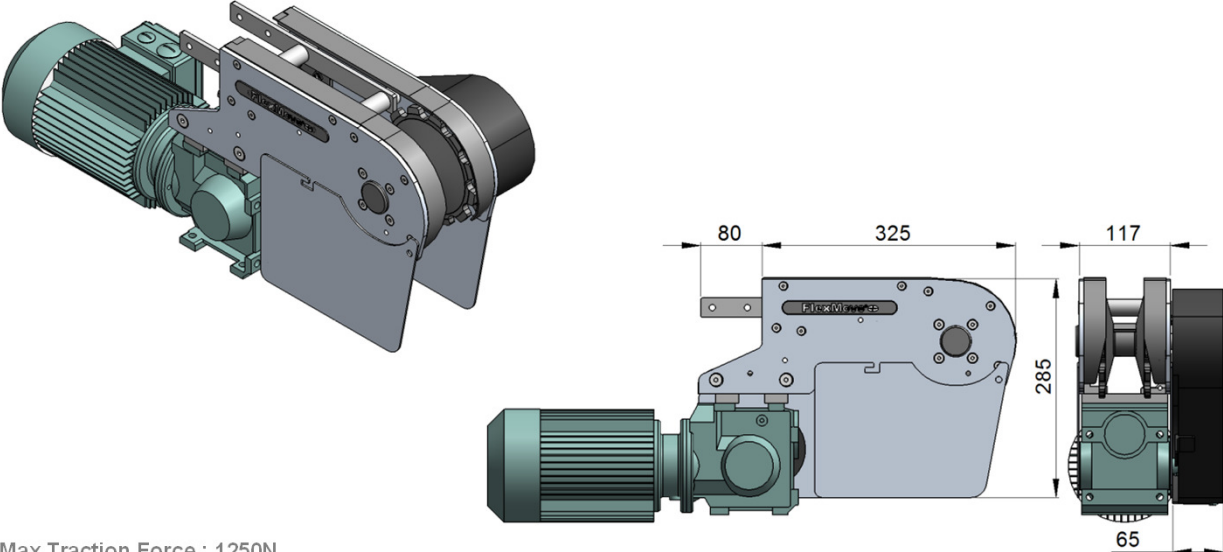
FC Direct End Drive without Motor (RIGHT)

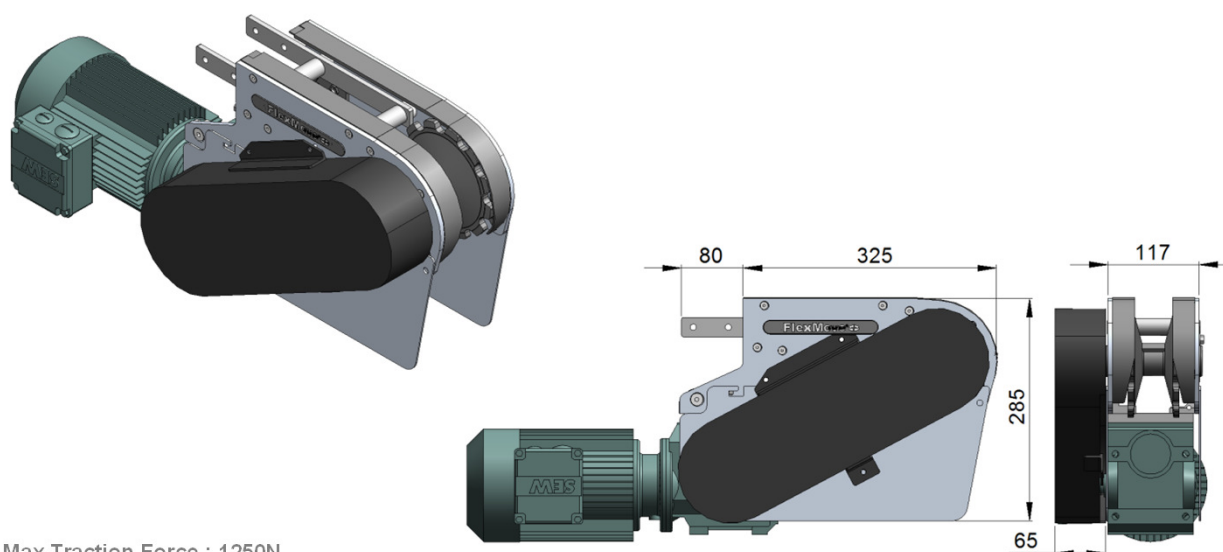
FCDD105-0R1



SEW gear motors are products of SEW Eurodrive.

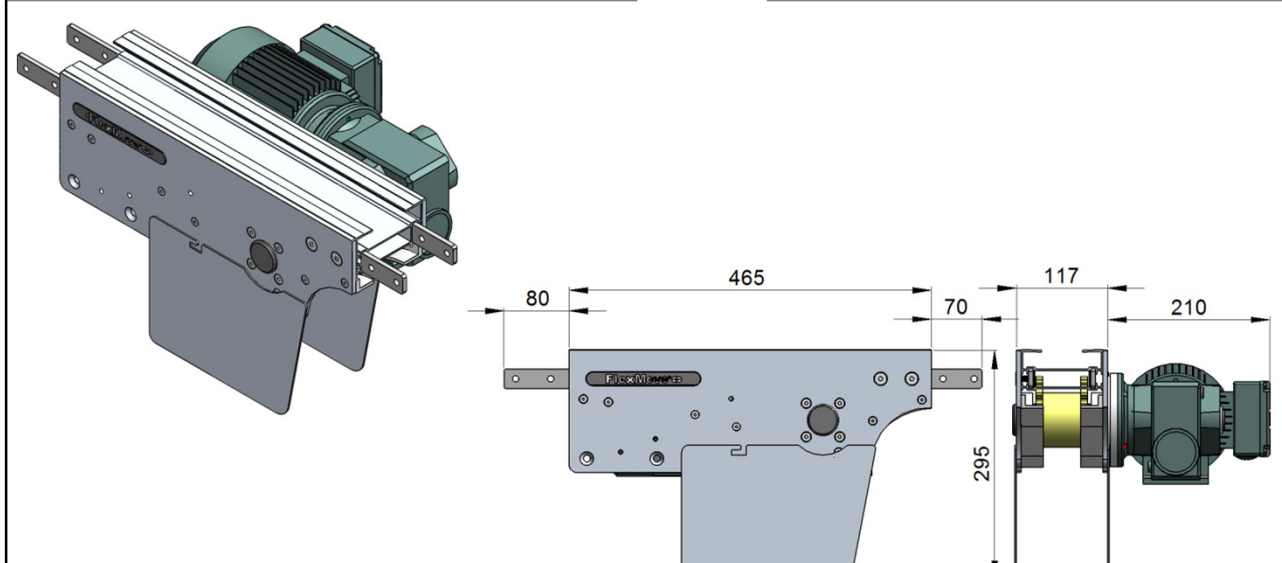
FC SERIES

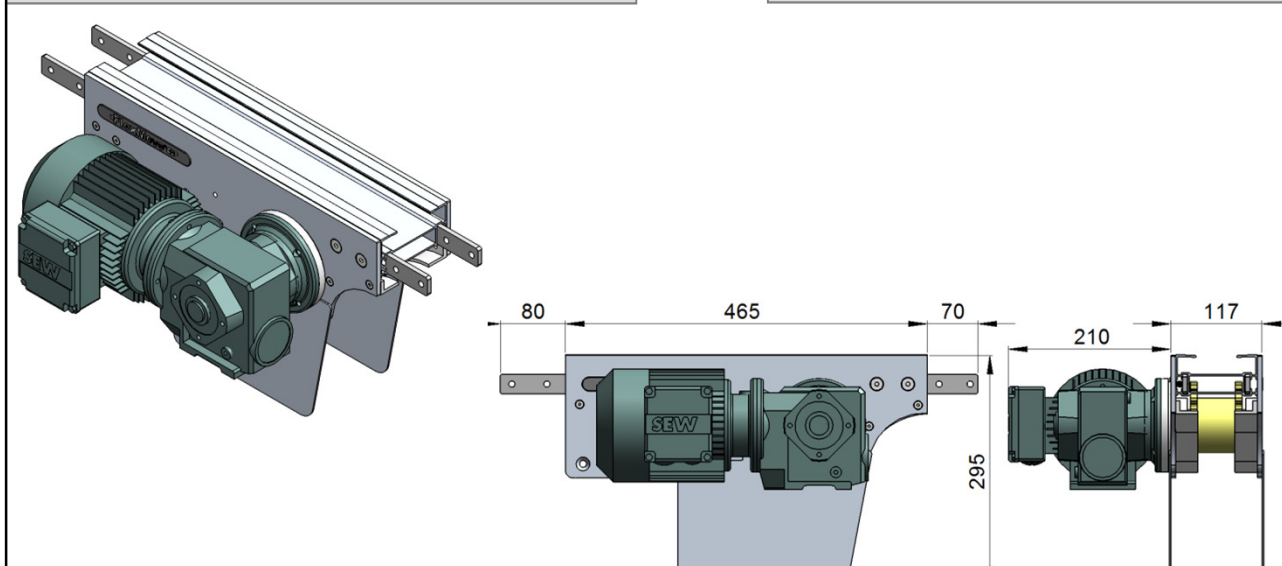
FC Suspended End Drive with Motor (LEFT) FCSD-0.25L1, 0.37L1, 0.55L1	FC Suspended End Drive without Motor (LEFT) FCSD-0L1
	
<p>Max Traction Force : 1250N</p> <p>The Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCSD-0L represents suspended drive without gear motor.</p>	
<p>UOM : pc</p> <p>Chain required 2-way : 0.8 meter</p> <p>Slide rail required 2-way: 0.5 meter</p>	

FC Suspended End Drive with Motor (RIGHT) FCSD-0.25R1, 0.37R1, 0.55R1	FC Suspended End Drive without Motor (RIGHT) FCSD-0R1
	
<p>Max Traction Force : 1250N</p> <p>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-0R represents direct drive without gear motor.</p>	
<p>UOM : pc</p> <p>Chain required 2-way : 0.8 meter</p> <p>Slide rail required 2-way: 0.5 meter</p>	

SEW gear motors are products of SEW Eurodrive.

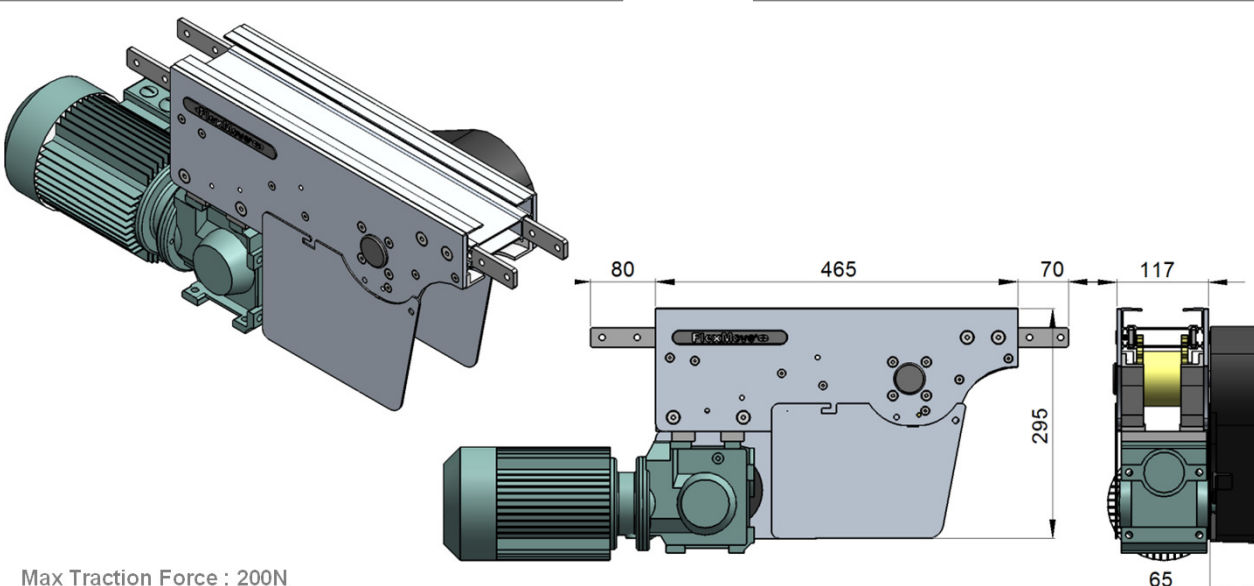
FC SERIES

FC Direct Intermediate Drive with Motor (LEFT) FCID-DD-0.25L1, 0.37L1, 0.55L1	FC Direct Intermediate Drive without Motor (LEFT) FCID-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. FCID-DD-0L represents direct drive without gear motor. Maximum traction force for FCID-DD is lower than FCDD and FCSD.</p> <p>UOM : pc Chain required 2-way : 0.8 meter Slide rail required 2-way : 0.5 meter</p>	

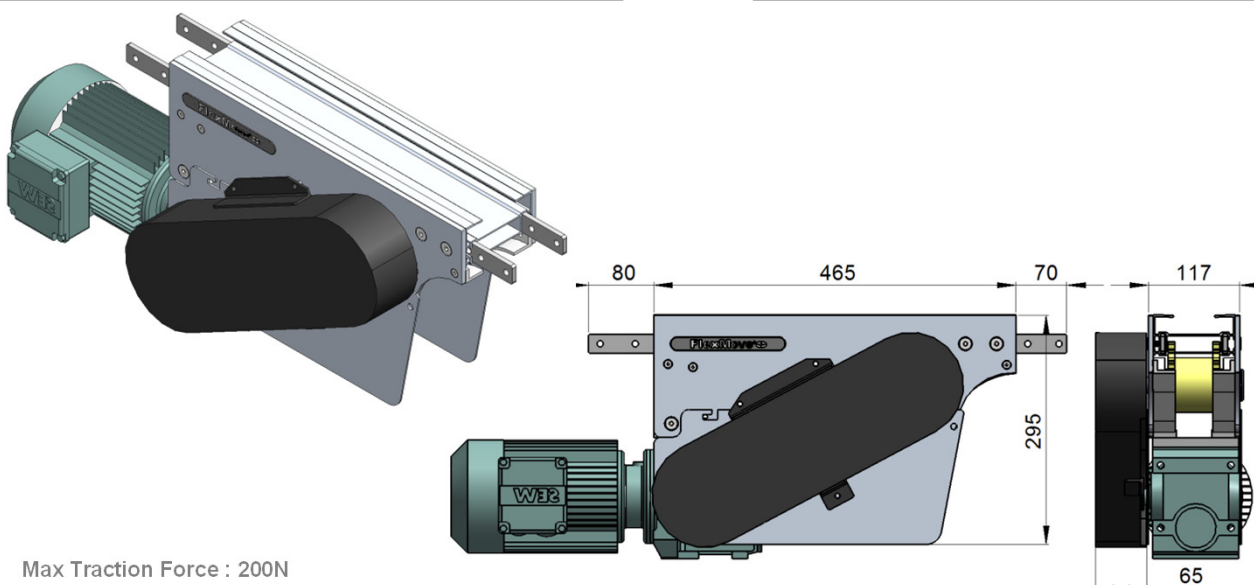
FC Direct Intermediate Drive with Motor (RIGHT) FCID-DD-0.25R1, 0.37R1, 0.55R1	FC Direct Intermediate Drive without Motor (RIGHT) FCID-DD-0R1
 <p>Max Traction Force : 200N</p> <p>The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-DD-0L represents direct drive without gear motor. Maximum traction force for FCID-DD is lower than FCDD and FCSD.</p> <p>UOM : pc Chain required 2-way : 0.8 meter Slide rail required 2-way : 0.5 meter</p>	

SEW gear motors are products of SEW Eurodrive.

FC SERIES

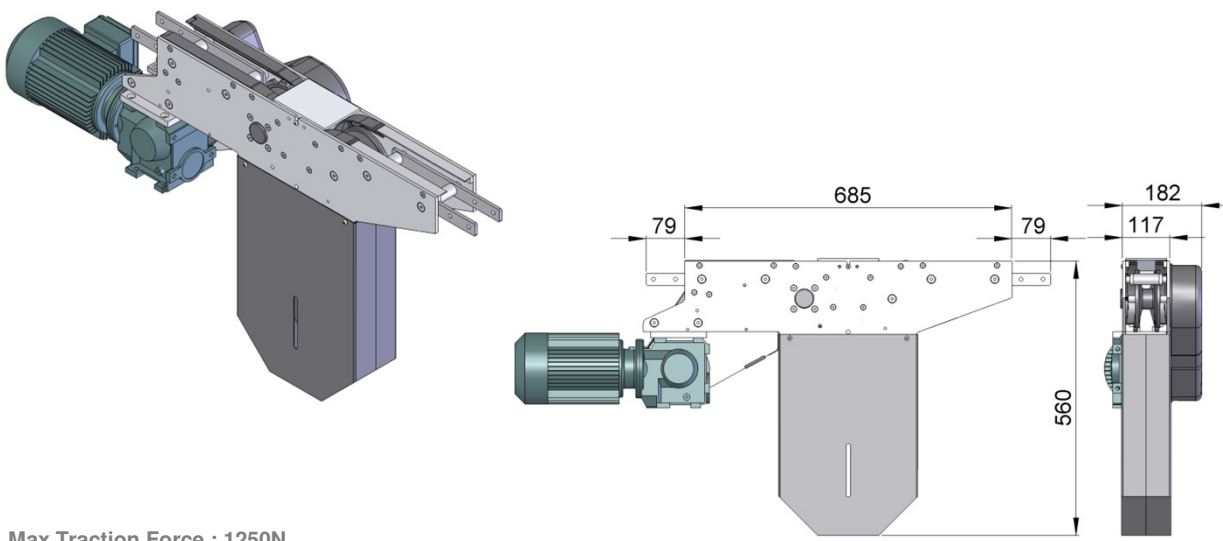
FC Suspended Intermediate Drive with Motor (LEFT) FCID-SD-0.25L1, 0.37L1, 0.55L1	FC Suspended Intermediate Drive without Motor (LEFT) FCID-SD-0L1
	
<p>Max Traction Force : 200N</p> <p>The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-SD-0L represents suspended drive without gear motor. Maximum traction force for FCID-SD is lower than FCDD and FCSD.</p>	
<p>UOM : pc</p> <p>Chain required 2-way : 0.8 meter</p> <p>Slide rail required 2-way : 0.5 meter</p>	

FC

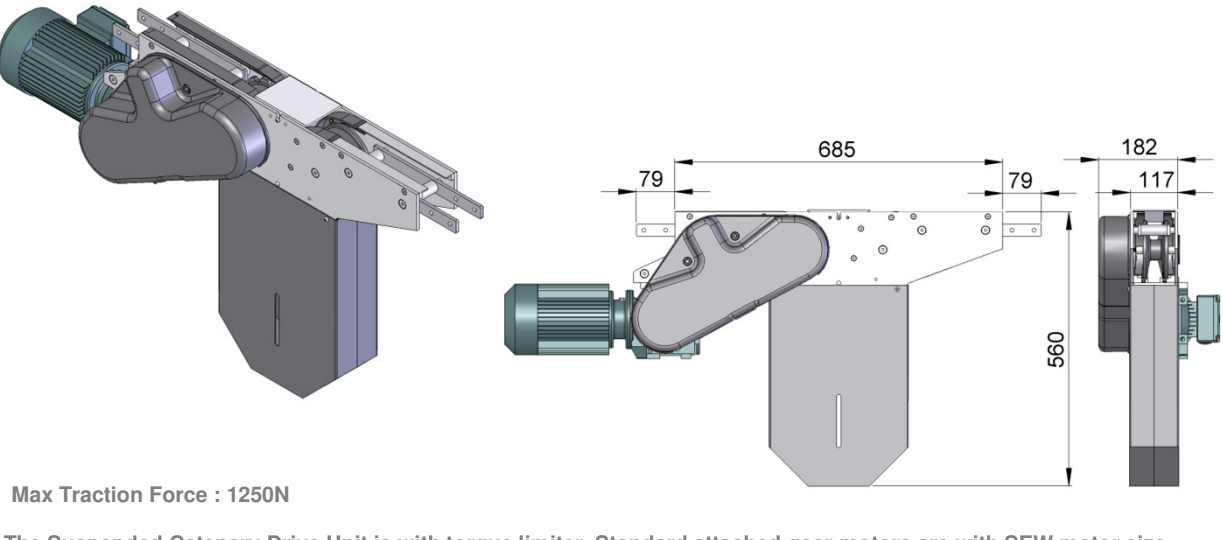
FC Suspended Intermediate Drive with Motor (RIGHT) FCID-SD-0.25R1, 0.37R1, 0.55R1	FC Suspended Intermediate Drive without Motor (RIGHT) FCID-SD-0R1
	
<p>Max Traction Force : 200N</p> <p>The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCID-SD-0R represents suspended drive without gear motor. Maximum traction force for FCID-SD is lower than FCDD and FCSD.</p>	
<p>UOM : pc</p> <p>Chain required 2-way : 0.8 meter</p> <p>Slide rail required 2-way : 0.5 meter</p>	

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FC SERIES

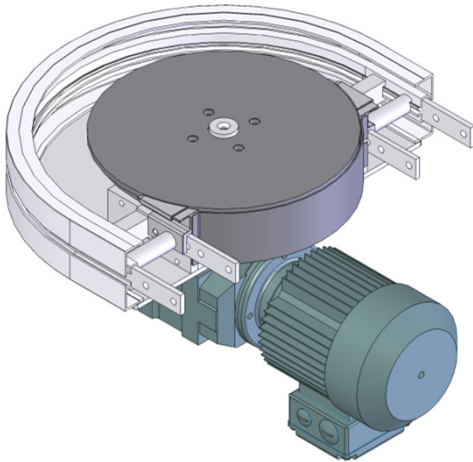
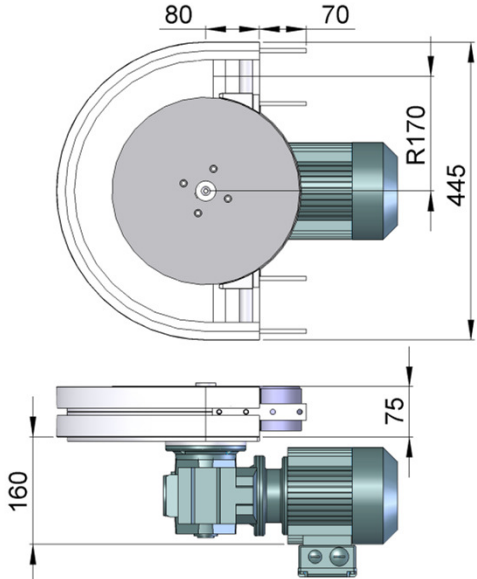
FC Suspended Catenary Drive with Motor (LEFT) FCCD-SD-0.25L, 0.37L, 0.55L	FC Suspended Catenary Drive without Motor (LEFT) FCID-SD-0L
	
<p>Max Traction Force : 1250N</p> <p>The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCD-SD-0L represents suspended drive without gear motor.</p>	
<p>UOM : pc</p> <p>Chain required 1-way : 1.4 meter</p> <p>Slide rail required 1-way: 1.0 meter</p>	

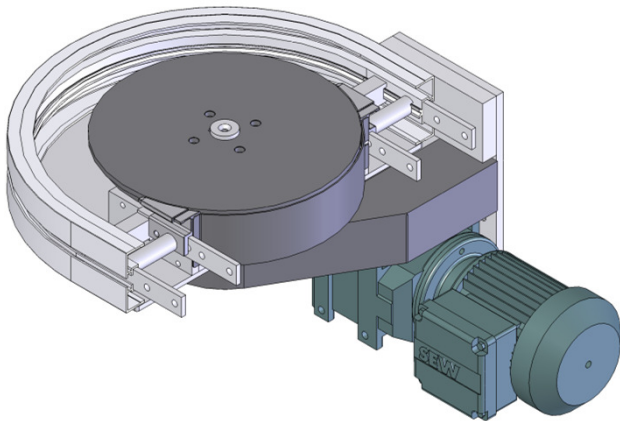
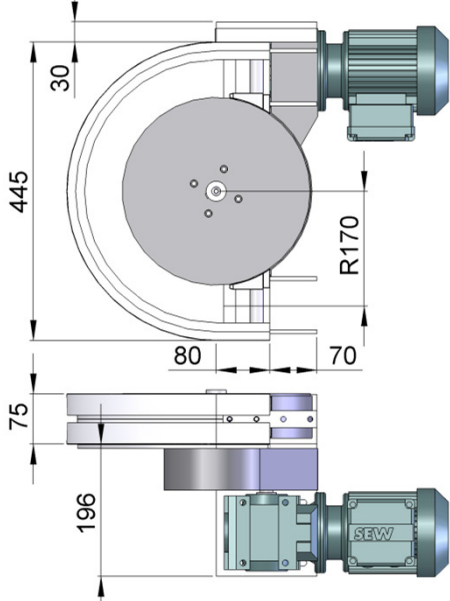
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FC Suspended Catenary Drive with Motor (RIGHT) FCCD-SD-0.25R, 0.37R, 0.55R	FC Suspended Catenary Drive without Motor (RIGHT) FCID-SD-0R
	
<p>Max Traction Force : 1250N</p> <p>The Suspended Catenary Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCCD-SD-0R represents suspended drive without gear motor.</p>	
<p>UOM : pc</p> <p>Chain required 1-way : 1.4 meter</p> <p>Slide rail required 1-way: 1.0 meter</p>	

SEW gear motors are products of SEW Eurodrive.

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FC Direct Wheel Drive with Motor FCWD-0.25, 0.37, 0.55	FC Direct Wheel Drive without Motor FCWD-DD-0M
 <p>Max Traction Force : 200N</p> <p>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 represents wheel drive without gear motor. Maximum traction force for FCWD-DD is lower than FCDD and FCSD.</p> <p>UOM : SET Chain required 1-way : 0.7 meter Slide rail required 1-way : 0.7 meter</p>	 <p>FC</p>

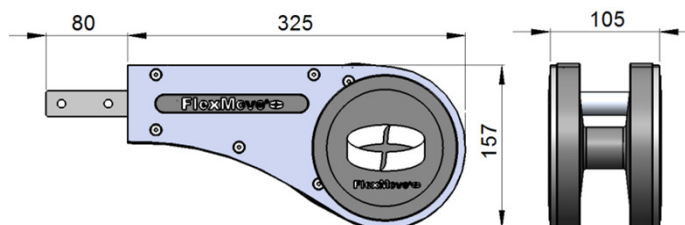
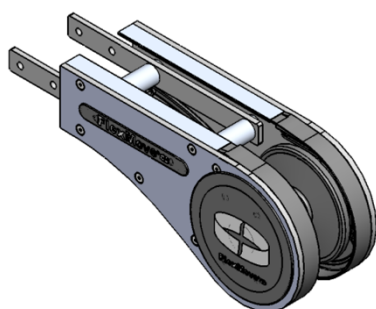
FC Suspended Wheel Drive with Motor FCWD-SD-0.25, 0.37, 0.55	FC Suspended Wheel Drive without Motor FCWD-SD-0M
 <p>Max Traction Force : 200N</p> <p>The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FCWD-SD represents wheel drive without motor. Maximum traction force for FCWD-SD is lower than FCDD and FCSD.</p> <p>UOM : SET Chain required 1-way : 0.7 meter Slide rail required 1-way : 0.7 meter</p>	

SEW gear motors are products of SEW Eurodrive.

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FC Idler End-105

FCIE-105



FC

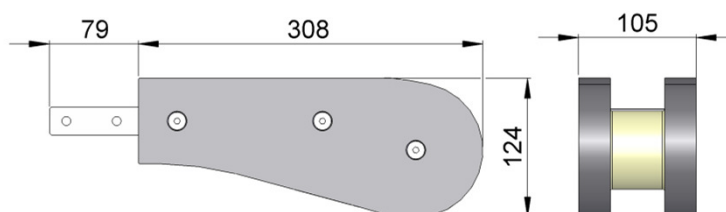
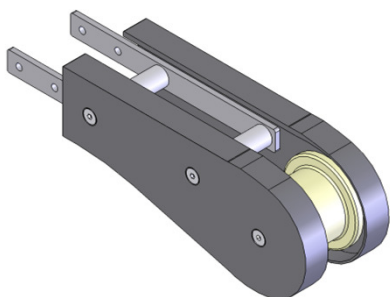
UOM : pc

Chain required 2-way : 0.8 meter

Slide rail required 2-way: 0.5 meter

FC Idler End-308

FCIE-308



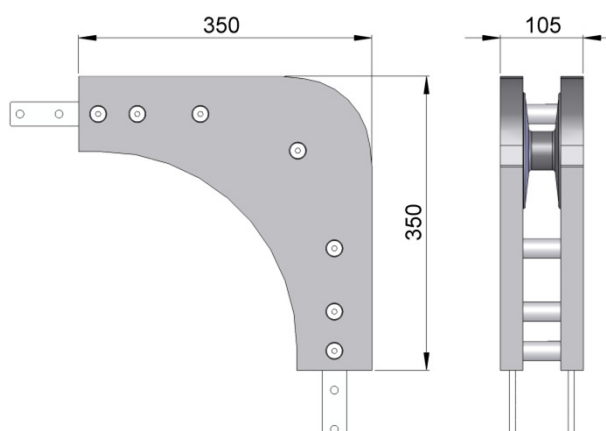
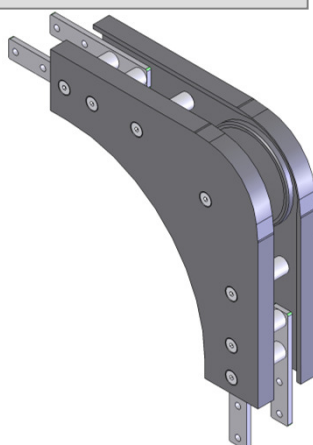
UOM : pc

Chain required 2-way : 0.7 meter

Slide rail required 2-way: 0

FC Idler Bend

FCIB-350



UOM : pc

Chain required 2-way : 1.6 meter

Slide rail required 2-way: 0

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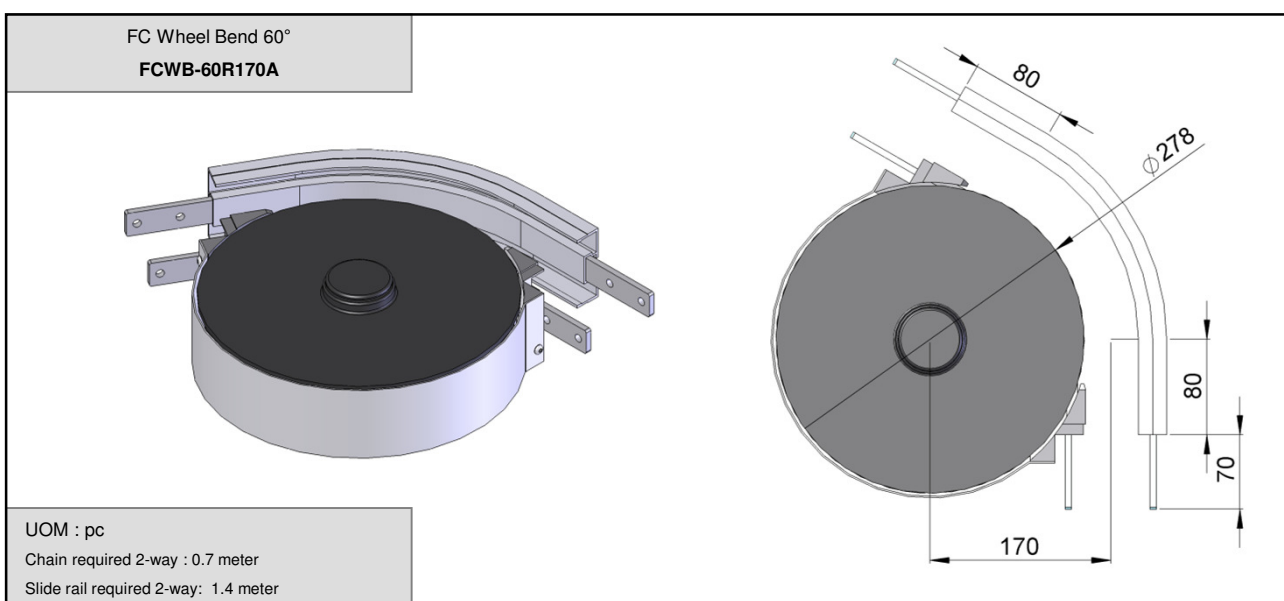
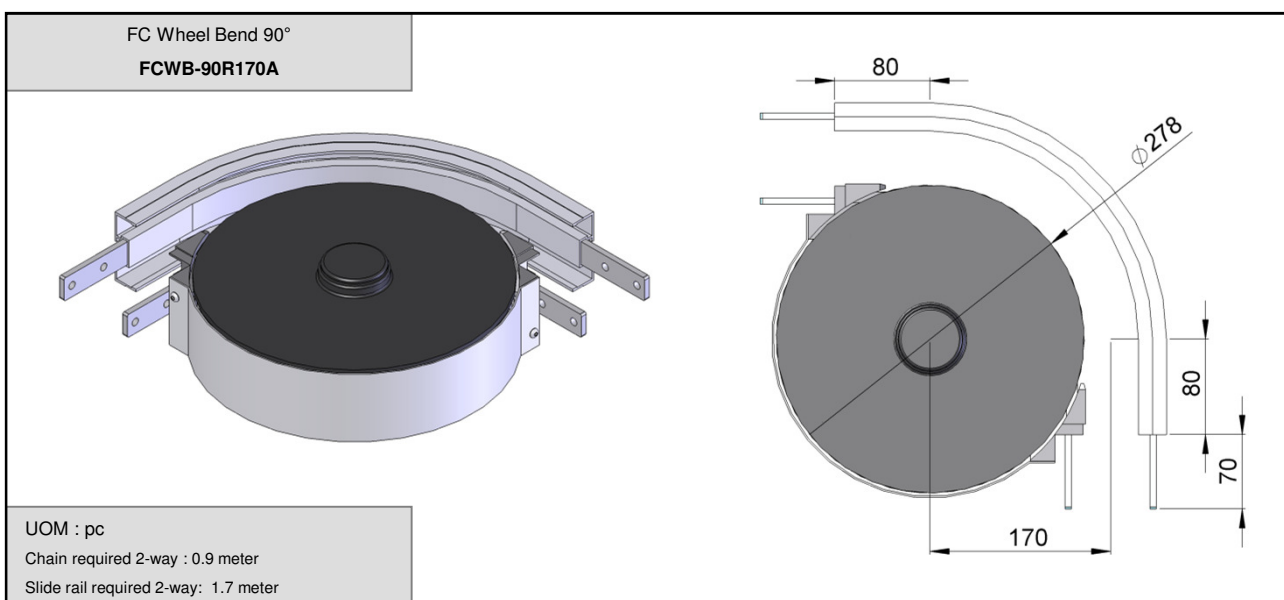
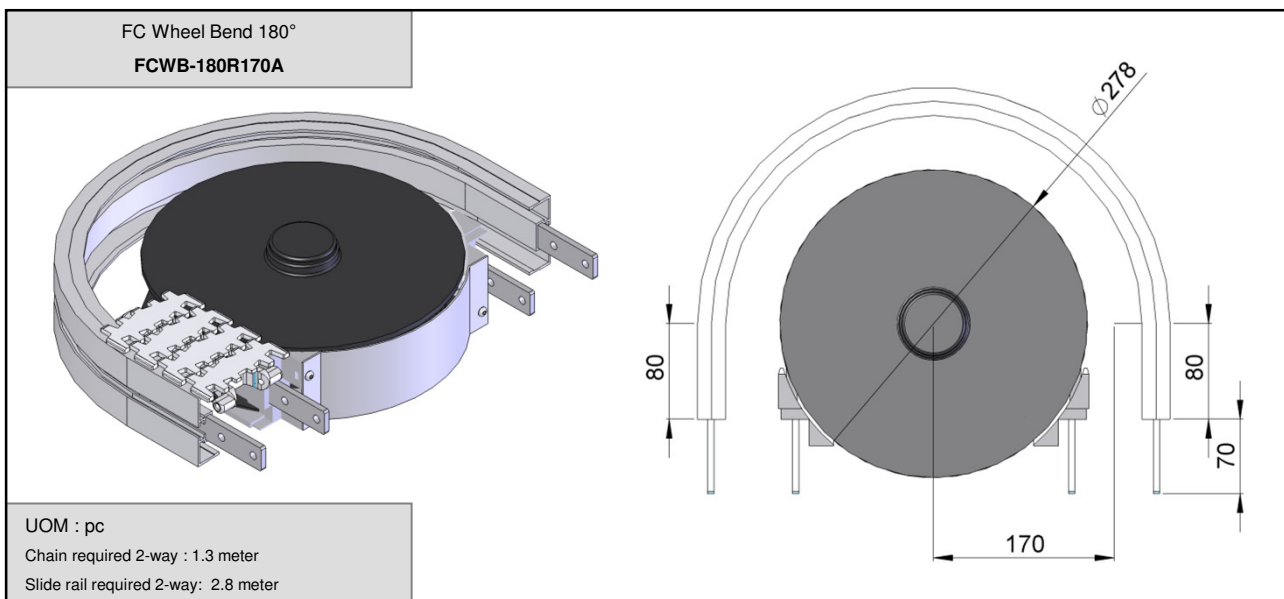
FC End Transfer Bridge c/w Roller for Drive Unit
FCTB-DRR

FC End Transfer Bridge w/o Roller for Drive Unit
FCTB-DR

FC End Transfer Bridge c/w Roller for Idler Unit
FCTB-IER

FC End Transfer Bridge w/o Roller for Idler Unit
FCTB-IE

FC SERIES



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FC Wheel Bend 45°
FCWB-45R170A

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

FC Wheel Bend 30°
FCWB-30R170A

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

FC Wheel Bend 5° - 180°

Example for FC Wheel Bend Ordering

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

FCWB- Θ° R170A

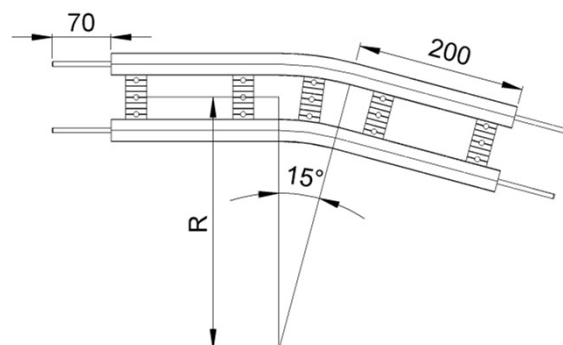
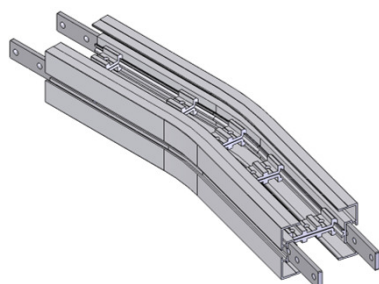
If an angle of 65° is needed for wheel bend, so the ordering part number is

FCWB-65R170A

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

FC SERIES

FC Horizontal Plain Bend 15°



FC

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°

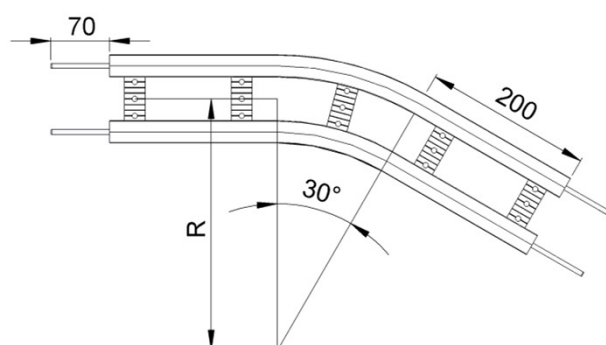
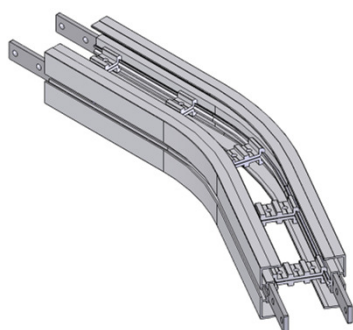
R = 300 ± 10mm FCHB-15R300

R = 500 ± 10mm FCHB-15R500

R = 700 ± 10mm FCHB-15R700

R = 1000 ± 10mm FCHB-15R1000

FC 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°

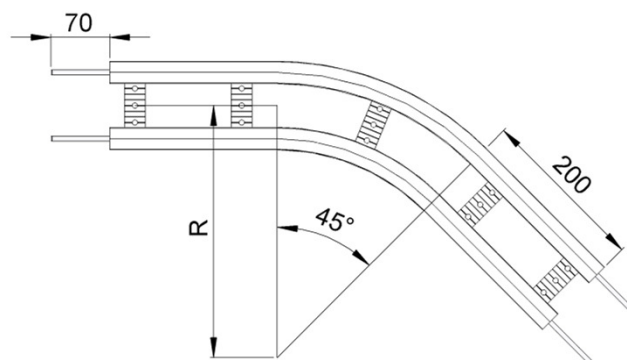
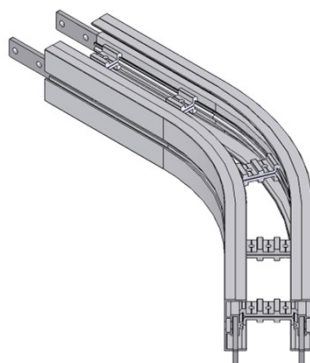
R = 300 ± 10mm FCHB-30R300

R = 500 ± 10mm FCHB-30R500

R = 700 ± 10mm FCHB-30R700

R = 1000 ± 10mm FCHB-30R1000

FC 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 FCHB-45R300

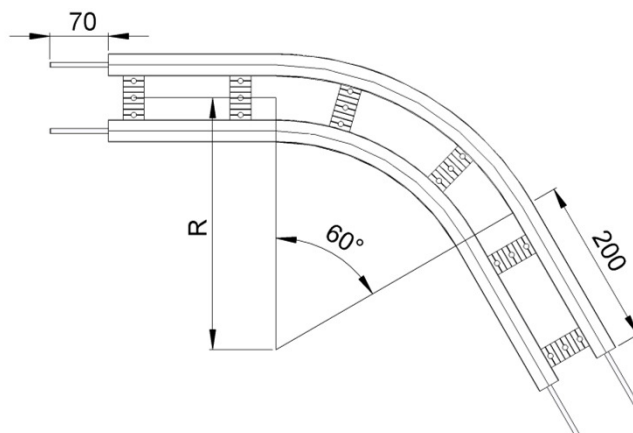
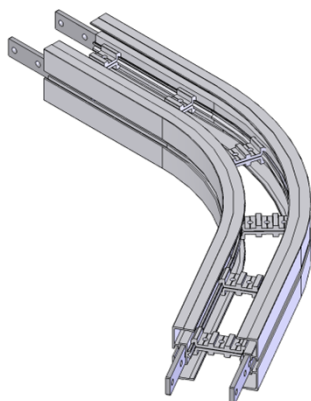
R = 500 ± 10mm FCHB-45R500

R = 700 ± 10mm FCHB-45R700

R = 1000 ± 10mm FCHB-45R1000

FC SERIES

FC Horizontal Plain Bend 60°



FC

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 = $300 \pm 10\text{mm}$

FCHB-60R300

R = $500 \pm 10\text{mm}$

FCHB-60R500

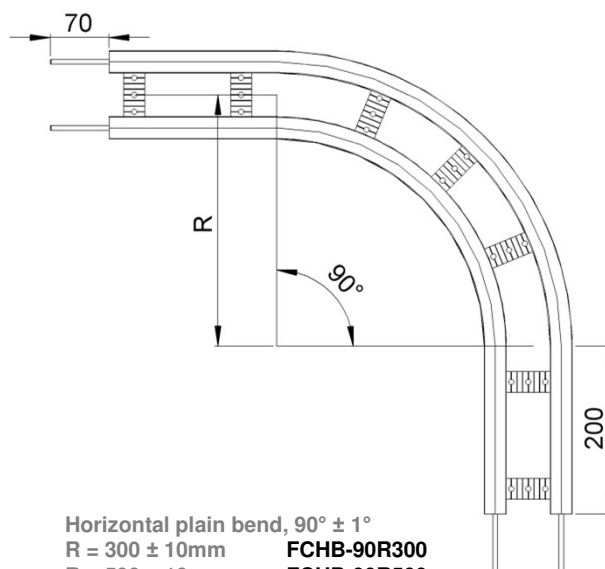
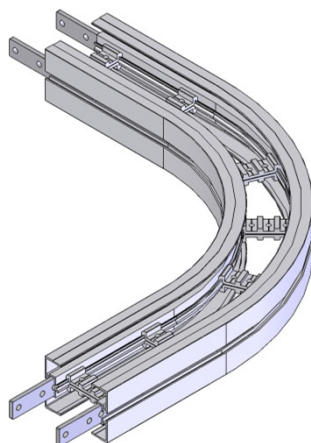
R = $700 \pm 10\text{mm}$

FCHB-60R700

R = $1000 \pm 10\text{mm}$

FCHB-60R1000

FC 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 = $300 \pm 10\text{mm}$

FCHB-90R300

R = $500 \pm 10\text{mm}$

FCHB-90R500

R = $700 \pm 10\text{mm}$

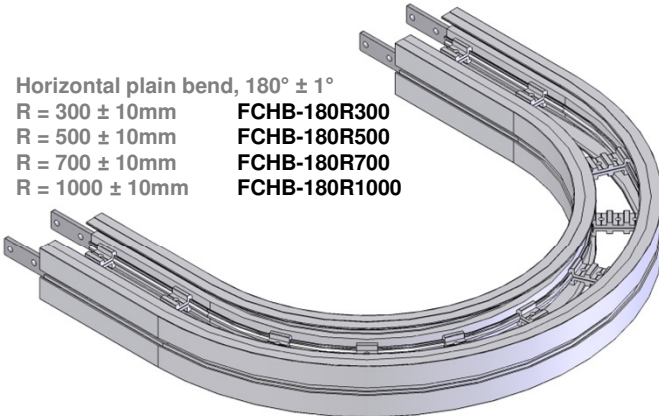
FCHB-90R700

R = $1000 \pm 10\text{mm}$

FCHB-90R1000

FC SERIES

FC Horizontal Plain Bend 180°



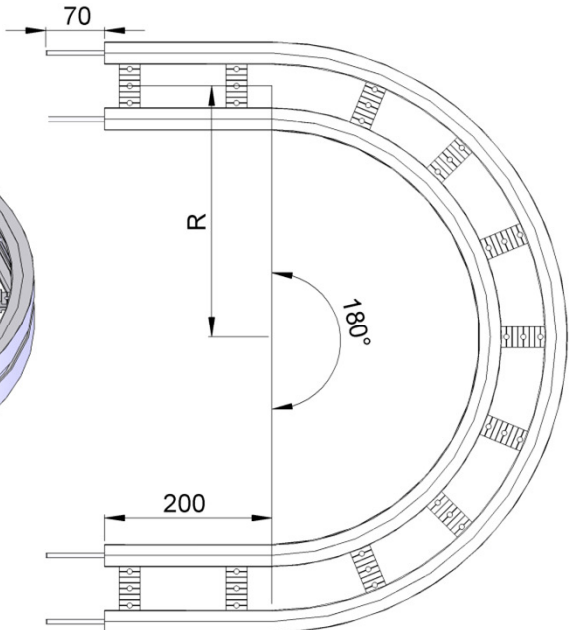
Horizontal plain bend, 180° ± 1°

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

UOM : pc

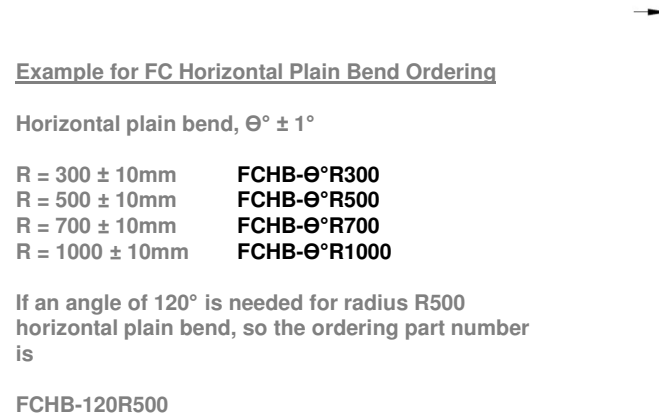
Chain required 2-way (300, 500, 700, 1000) : 2.7, 4.0, 5.2, 7.1 meter

Slide rail required 2-way(300, 500, 700, 1000): 5.4, 7.9, 1.1, 14.2 meter



FC

FC Horizontal Plain Bend 5° - 180°



Example for FC Horizontal Plain Bend Ordering

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

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

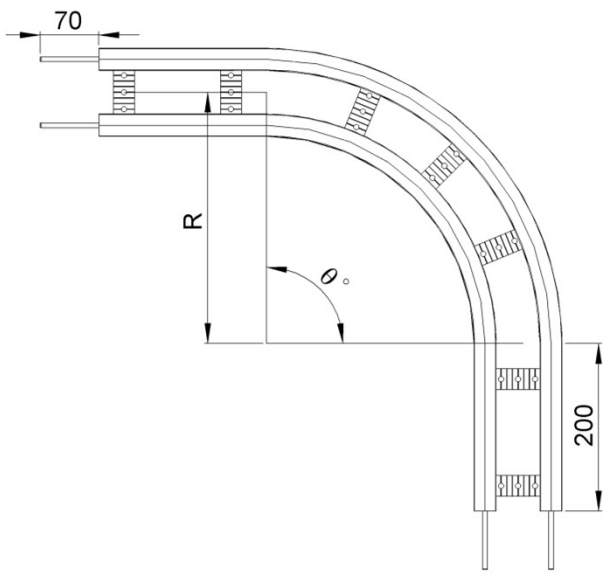
If an angle of 120° is needed for radius R500 horizontal plain bend, so the ordering part number is

FCHB-120R500

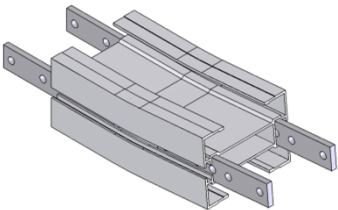
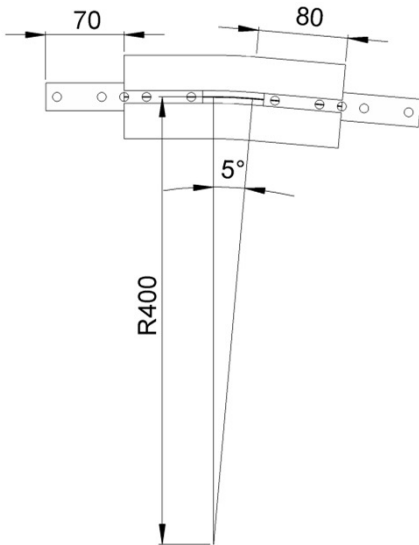
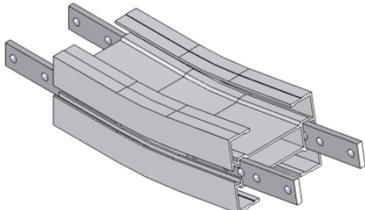
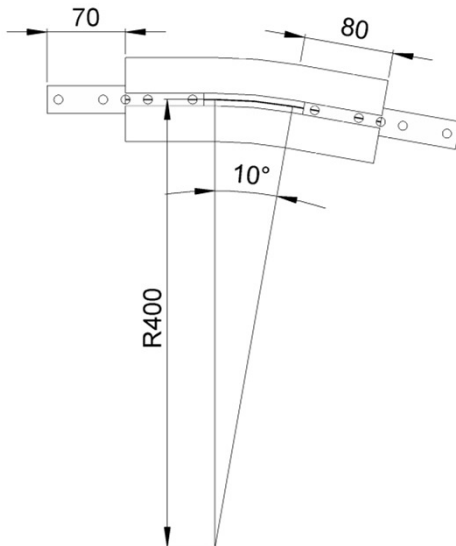
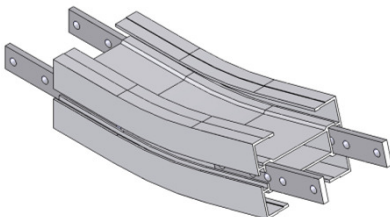
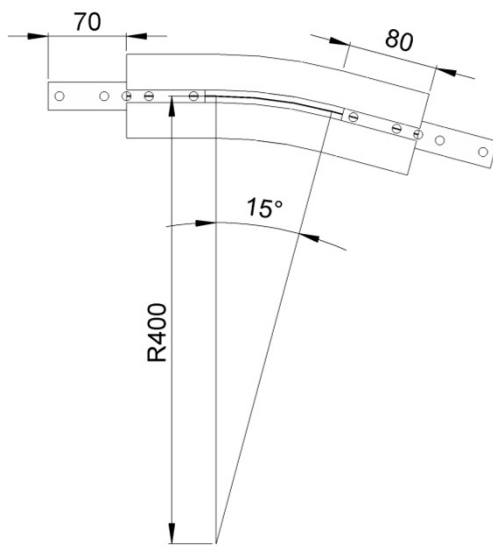
UOM : pc

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)



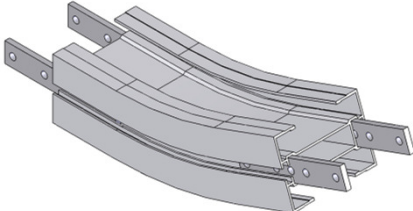
FC SERIES

<p>FC Vertical Bend 5° FCVB-5R400</p>  <p>UOM: pc Chain required 2-way: 0.4 meter Slide rail required 2-way: 0.8 meter</p>	
<p>FC Vertical Bend 10° FCVB-10R400</p>  <p>UOM: SET Chain required 2-way: 0.5 meter Slide rail required 2-way: 1.0 meter</p>	
<p>FC Vertical Bend 15° FCVB-15R400</p>  <p>UOM: SET Chain required 2-way: 0.6 meter Slide rail required 2-way: 1.1 meter</p>	

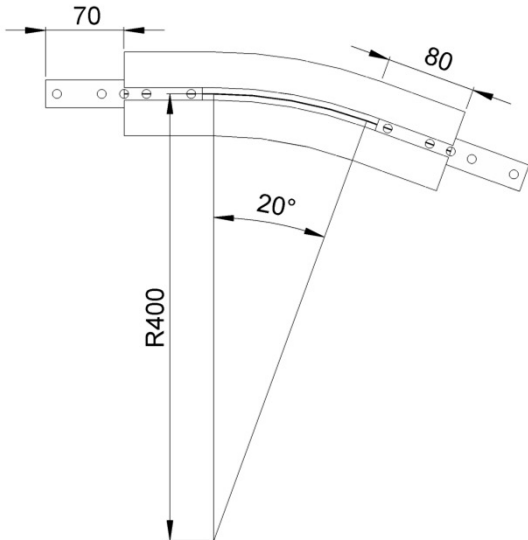
FC

FC SERIES

FC Vertical Bend 20°
FCVB-20R400

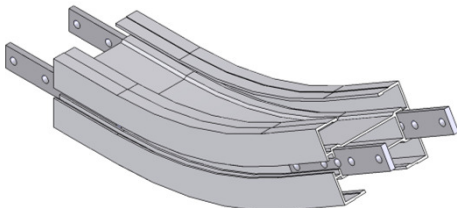


UOM: pc
Chain required 2-way: 0.6 meter
Slide rail required 2-way: 1.2 meter

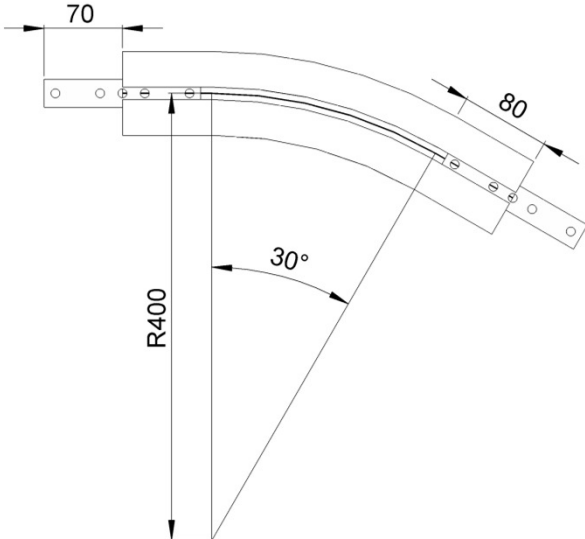


FC

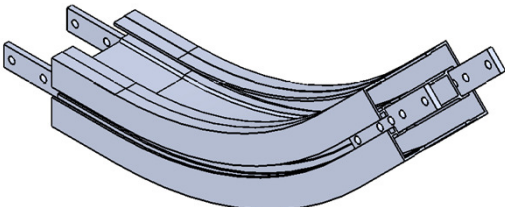
FC Vertical Bend 30°
FCVB-30R400



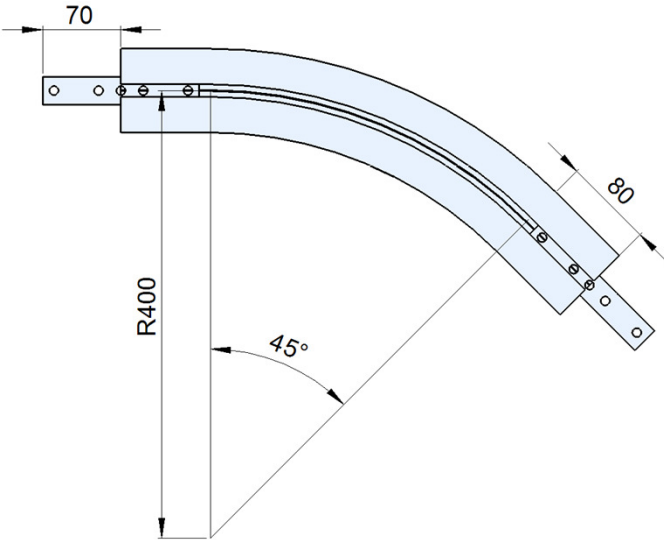
UOM: SET
Chain required 2-way: 0.8 meter
Slide rail required 2-way: 1.5 meter



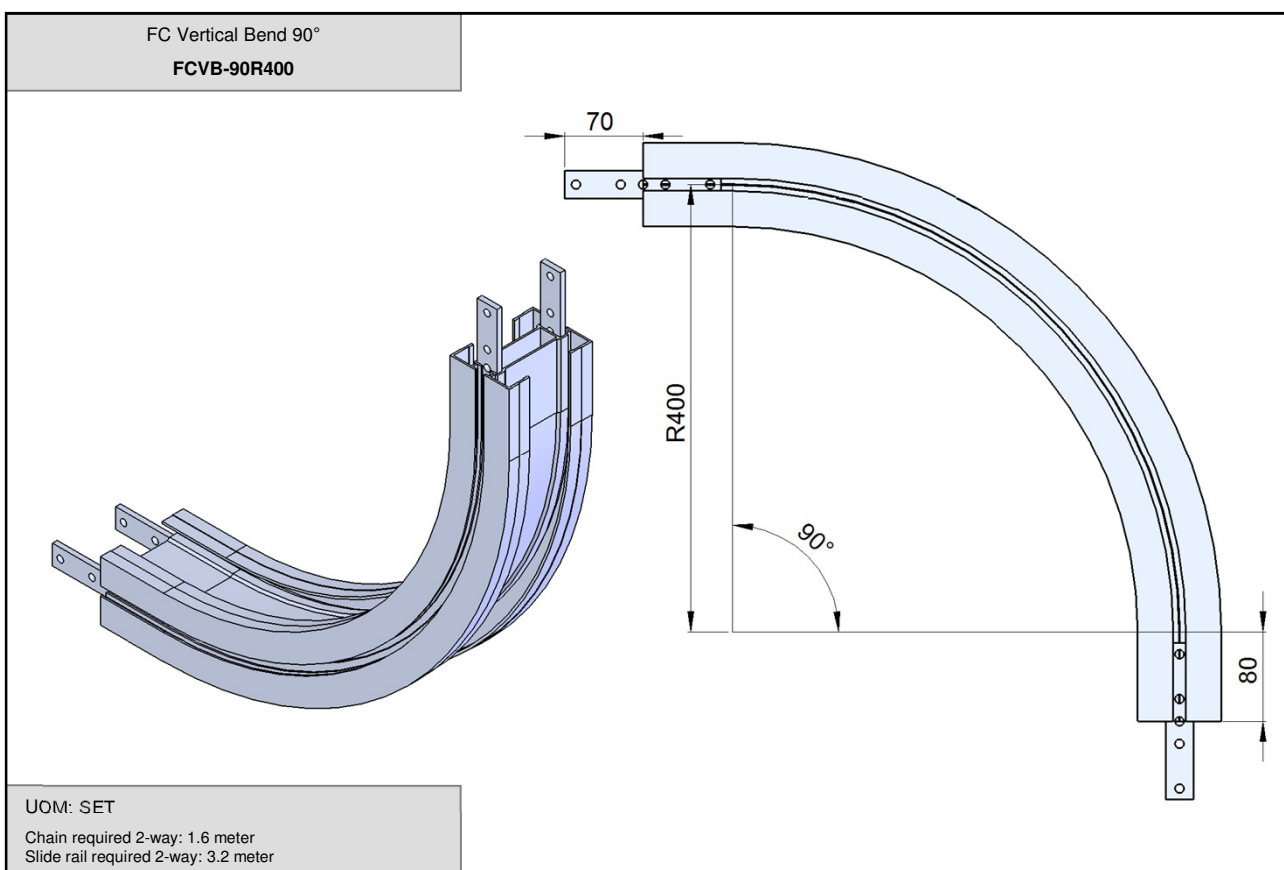
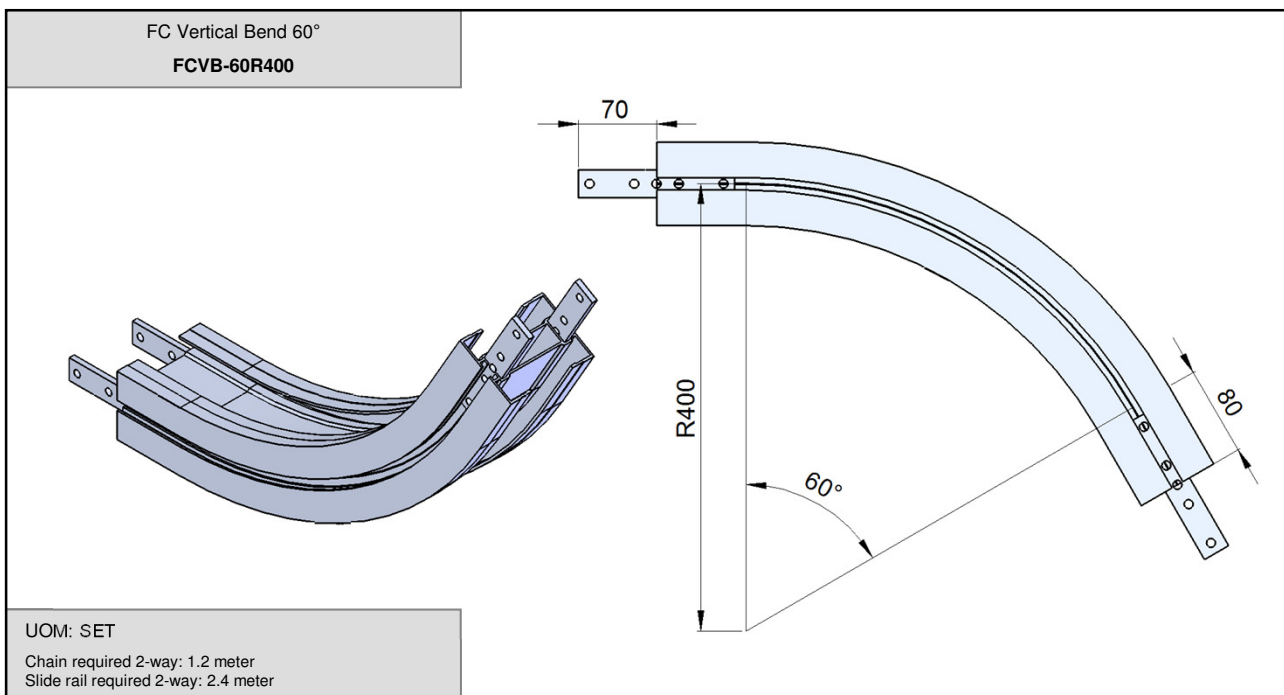
FC Vertical Bend 45°
FCVB-45R00



UOM: SET
Chain required 2-way: 1.0 meter
Slide rail required 2-way: 1.9 meter



FC SERIES



FC SERIES

FC Vertical 5° - 90°

Example for FC Vertical Bend Ordering

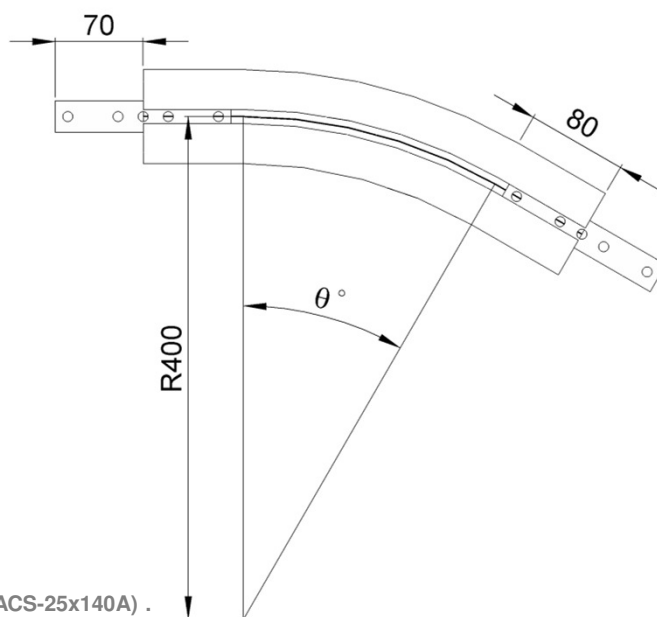
Vertical bend, $\theta^\circ \pm 1^\circ$

FCVB- θ° 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 “ θ° ” must be indicated when ordering.



FC