





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

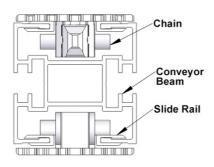
Slide Rail Required: FASR-25 OR FASR-25U Slide Rail Colour: WHITE OR NATURAL COLOUR

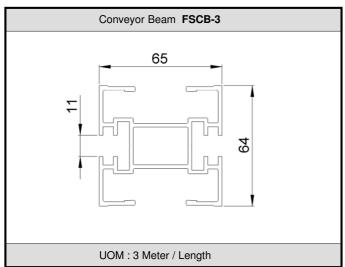
Slide Rail Material: HDPE OR UHMW-PE

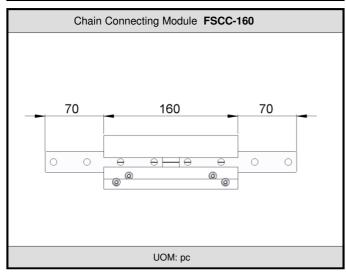
Slide Rail Rivet & Screw: FASLR-4X6 or FASLS-M5

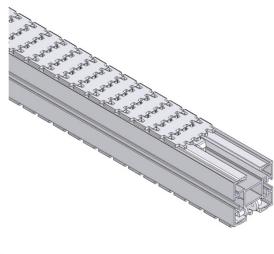
Connecting strip is used to connect 2 beams.

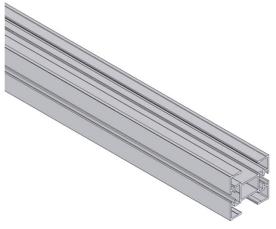
Connecting Strip: FACS-25x140A

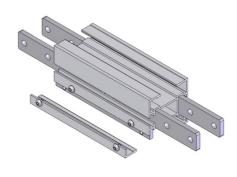












Chain Common Data

Packaging: 5m per box Pitch: 25.4mm

Width: 63mm

Tensile Strength at 20°C: 4000N Colour: White & Black (Conductive)

Material:-

Chain: White Acetal / POM

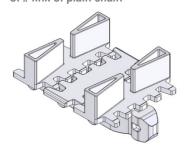
Pivot: Polyamide

Pivot Pin: Stainless Steel

Insert (Wedge and Friction): TPE Grey

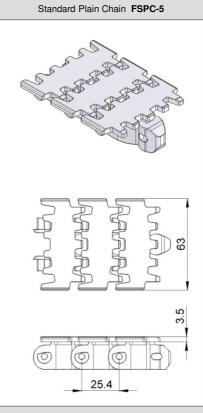
Example for FSCT-5A17-L#

= 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.

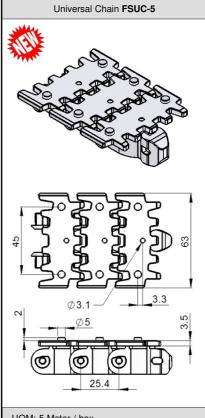
Note: # = 1, 2, 3, 4, 5.....20



UOM: 5 Meter / box

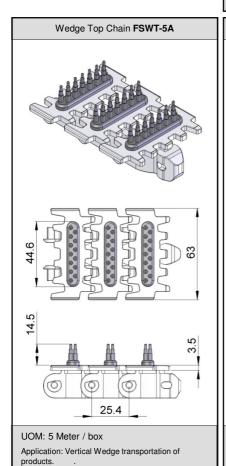
Application: Suitable for horizontal and slope $<5^{\circ}$ transport of products with accumulation.

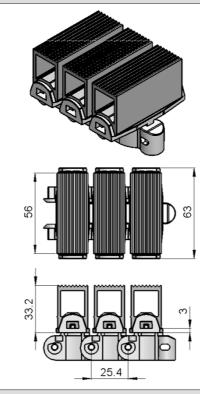
Wedge Top Chain FSWT-5C



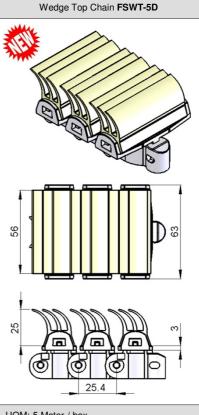
UOM: 5 Meter / box

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





UOM: 5 Meter / box Application: Vertical Wedge transportation of products. (Heavy Duty)



UOM: 5 Meter / box

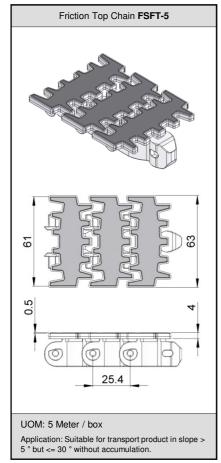
Application: Vertical Wedge transportation of products.

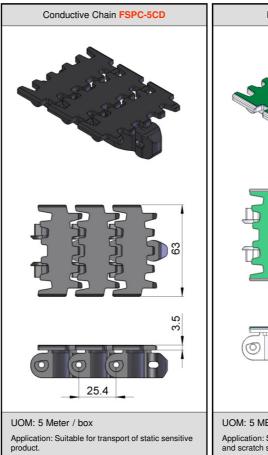
11.10

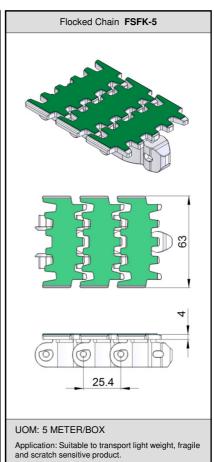
5-2



Connecting Possibilities™

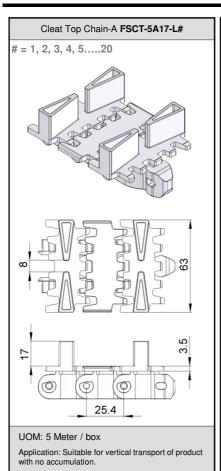


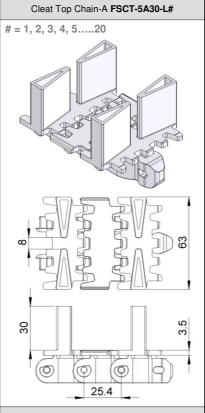






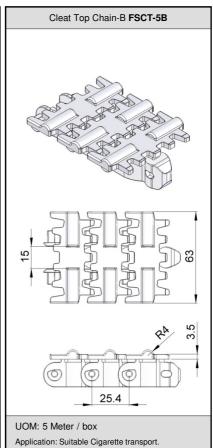


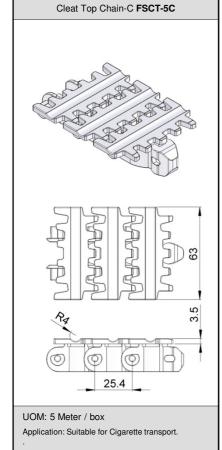


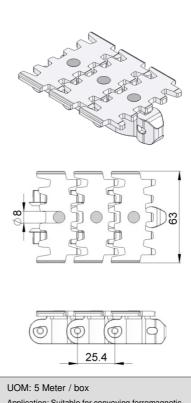


UOM: 5 Meter / box Application: Suitable for vertical transport of product with no accumulation.

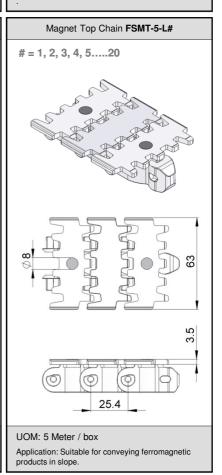
Magnet Top Chain FSMT-5

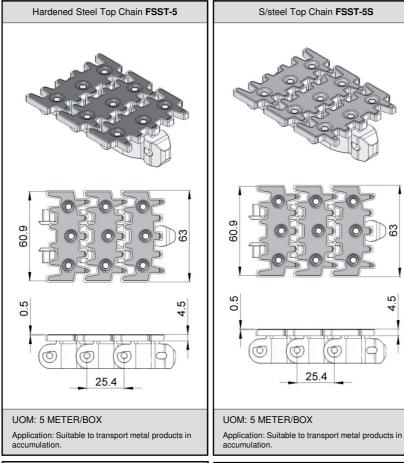


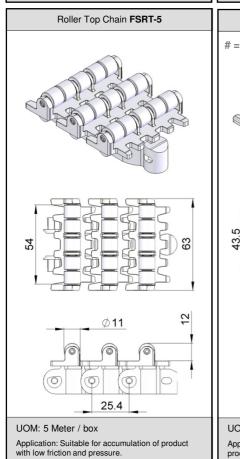


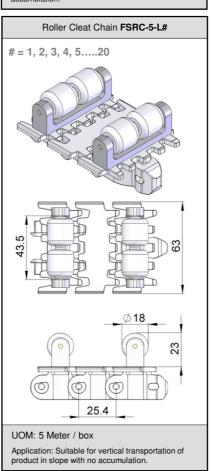










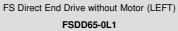


11.6 5-4

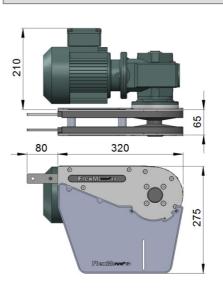


FS Direct End Drive with Motor (LEFT)

FSDD65-0.25L1, 0.37L1, 0.55L1







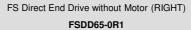
Max Traction Force: 500N

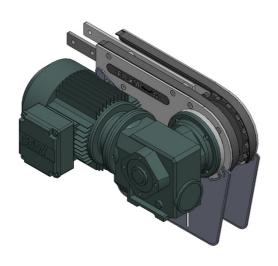
The Direct End Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-0L1 represents direct drive without gear motor. Multi channel drives are available upon request.

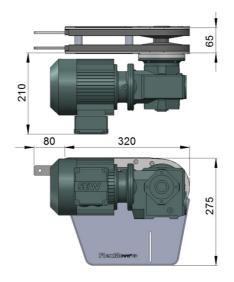
UOM: pc

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

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







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. FSDD65-0R1 represents direct drive without gear motor. Multi channel drives are available upon request.

UOM : pc

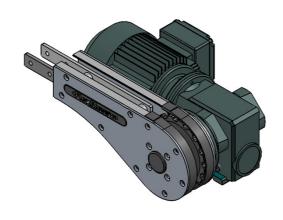
Chain required 2-way: 0.8 meter Slide rail required 2-way: 0.5 meter

SEW gear motors are products of SEW Eurodrive



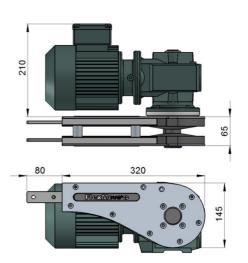
FS Direct End Drive without Motor GP (RIGHT)

FSDD65-GP-0L1



FS Direct End Drive with Motor GP (LEFT)

FSDD65-GP-0.25L1, 0.37L1, 0.55L1



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

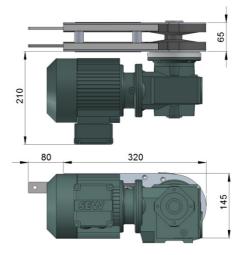
Chain required 2-way: 0.8 meter Slide rail required 2-way: 0.5 meter

FS Direct End Drive with Motor GP (RIGHT)

FSDD65-GP-0.25R1, 0.37R1, 0.55R1







Max Traction Force: 500N

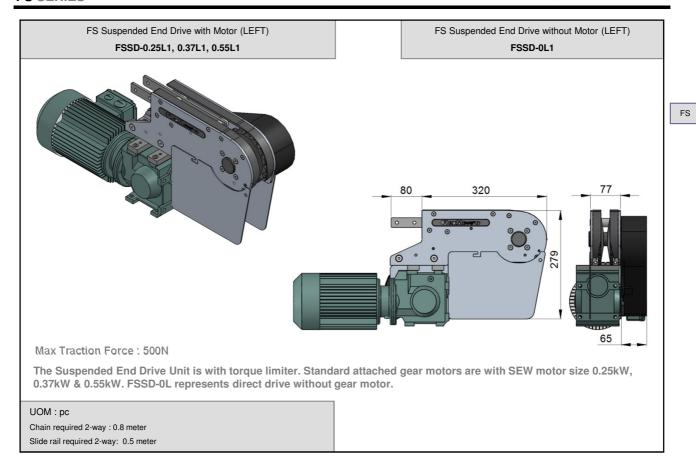
The Direct End Drive Unit GP is used for vertical wedge conveyor. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSDD65-GP--0R represents direct drive without gear motor. FSDD-GP drives are used for vertical wedge conveyor.

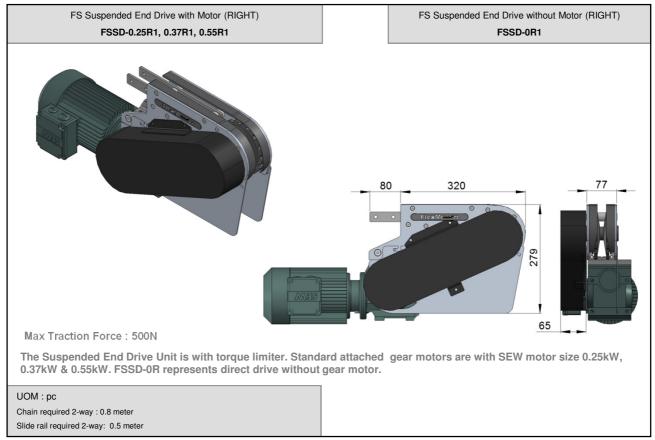
UOM: pc

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

SEW gear motors are products of SEW Eurodrive







SEW gear motors are products of SEW Eurodrive.

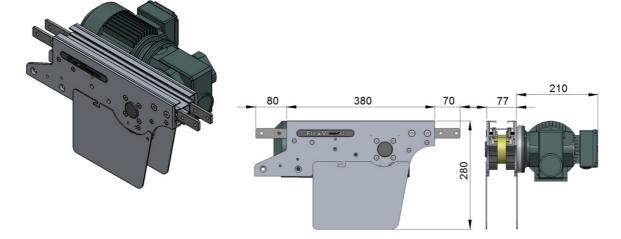


FS Direct Intermediate Drive with Motor (LEFT)

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

FS Direct Intermediate Drive without Motor (LEFT)

FSID-DD-0L1

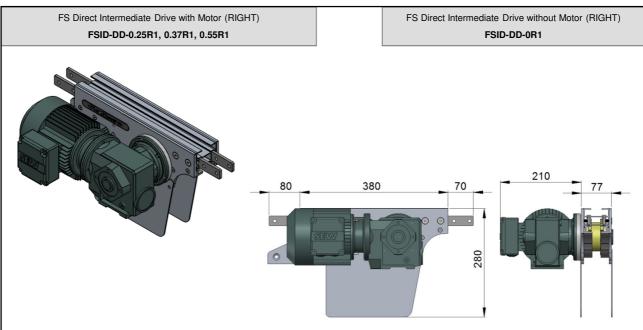


Max Traction Force: 200N

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-0L 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



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-0R 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

SEW gear motors are products of SEW Eurodrive



FS Suspended Intermediate Drive with Motor (LEFT)
FSID-SD-0.25L1, 0.37L1, 0.55L1

FS Suspended Intermediate Drive without Motor (LEFT)
FSID-SD-0.25L1, 0.37L1, 0.55L1

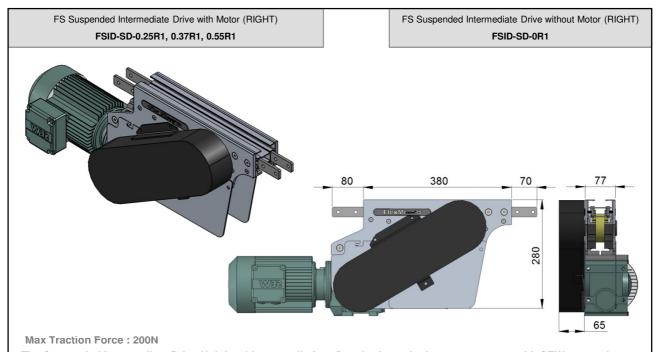
FS Suspended Intermediate Drive without Motor (LEFT)
FSID-SD-0L1

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-0L 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



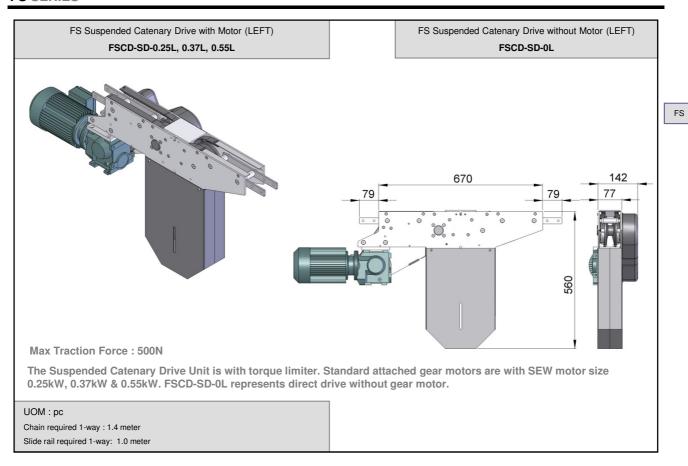
The Suspended Intermediate Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSID-SD-OR represents suspended drive without gear motor. Maximum traction force for FSID-SD is lower than FSDD and FSSD.

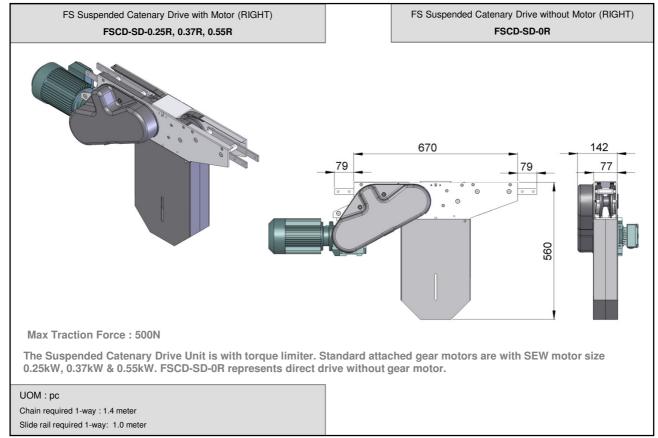
UOM: pc

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

SEW gear motors are products of SEW Eurodrive.





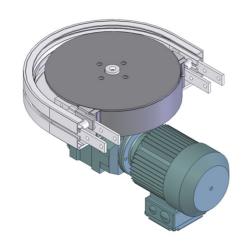


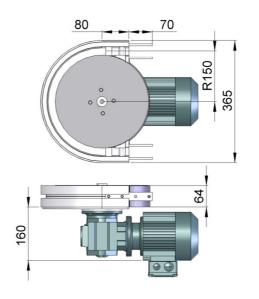
SEW gear motors are products of SEW Eurodrive.



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

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





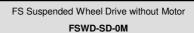
Max Traction Force: 200N

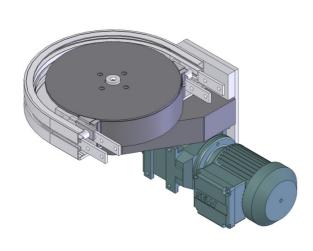
The Direct Wheel Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-DD-0M represents direct drive without gear motor. Maximum traction force for FSWD-DD is lower than FSDD and FSSD.

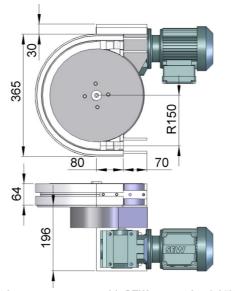
UOM: pc

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







Max Traction Force: 200N

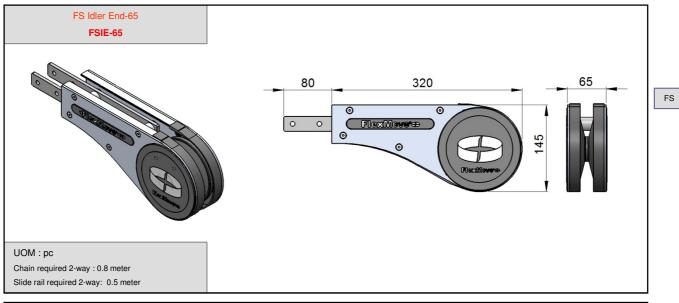
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FSWD-SD-0M represents direct drive without gear motor. Maximum traction force for FSWD-SD is lower than FSDD and FSSD.

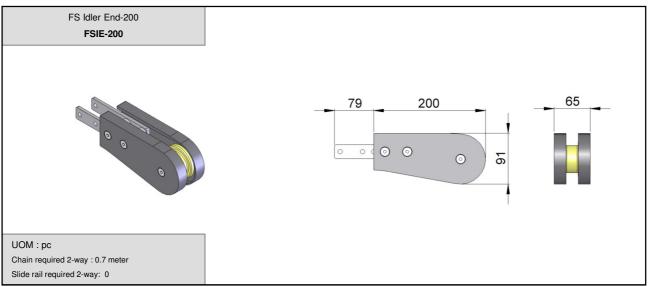
UOM: pc

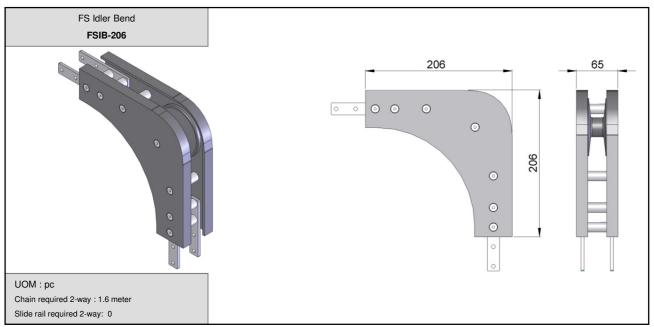
Chain required 1-way: 0.7 meter Slide rail required 1-way: 0.7 meter

SEW gear motors are products of SEW Eurodrive



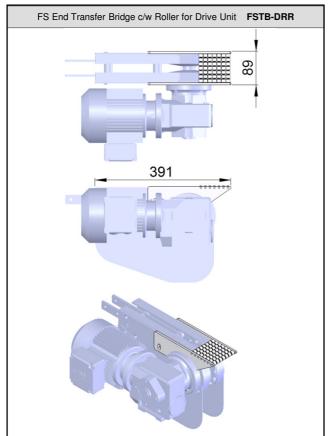


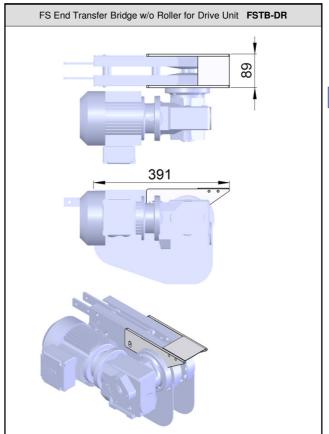


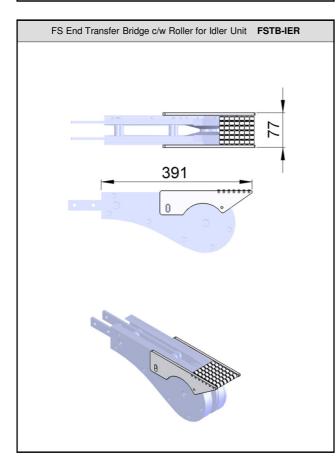


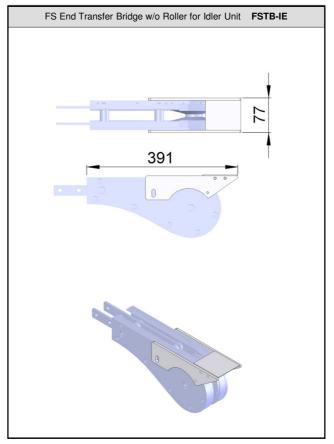
11.6 5-12



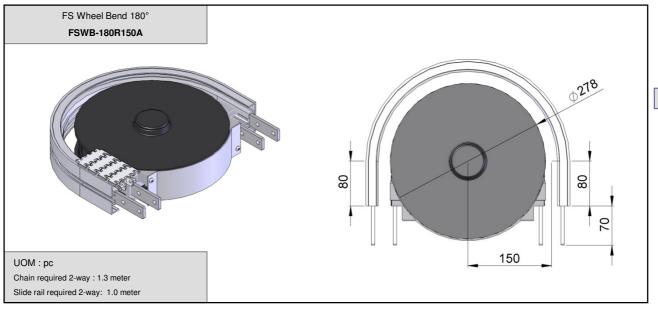


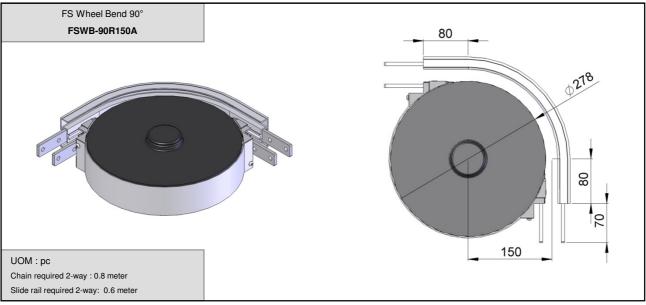


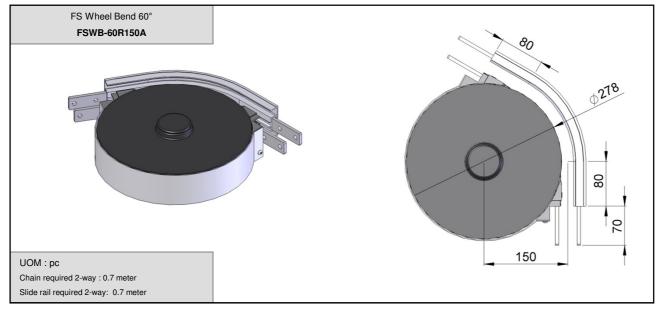






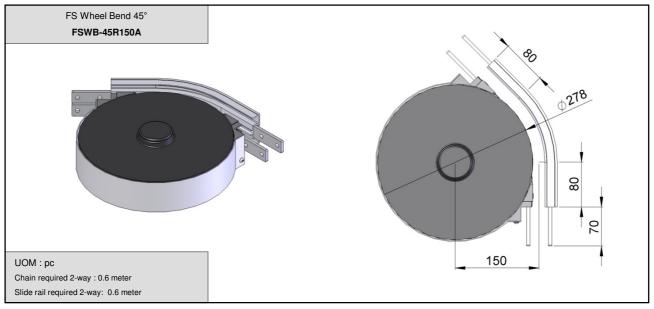


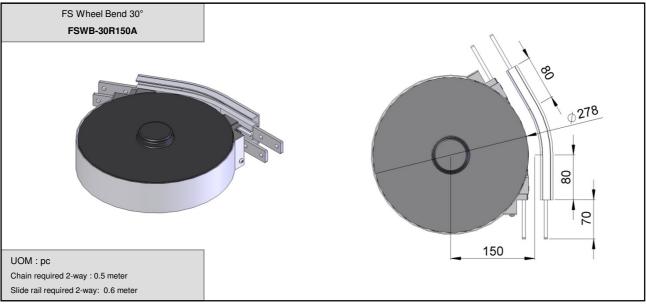


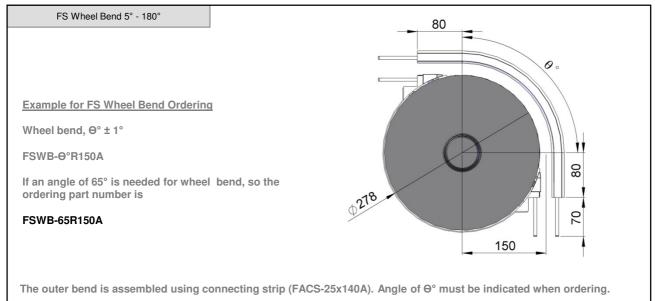


10.6 5-14







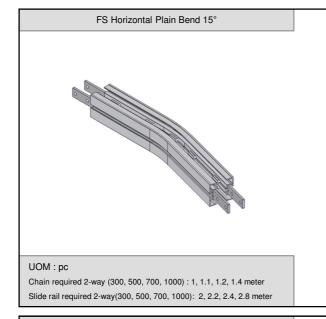


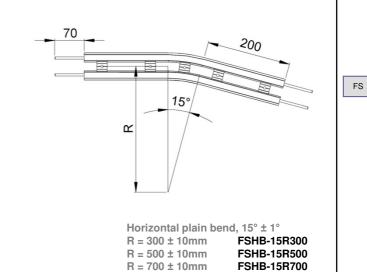
11.6 5-15



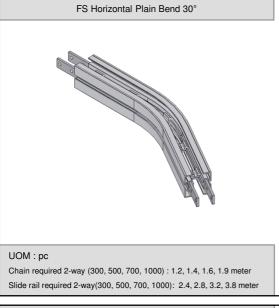
FSHB-15R1000

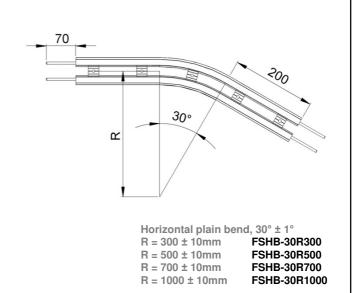




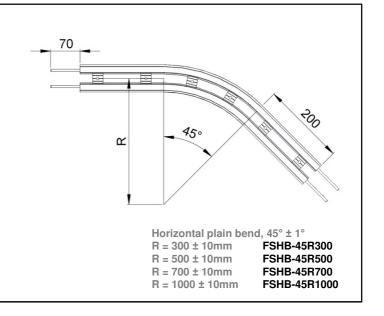


 $R = 1000 \pm 10mm$

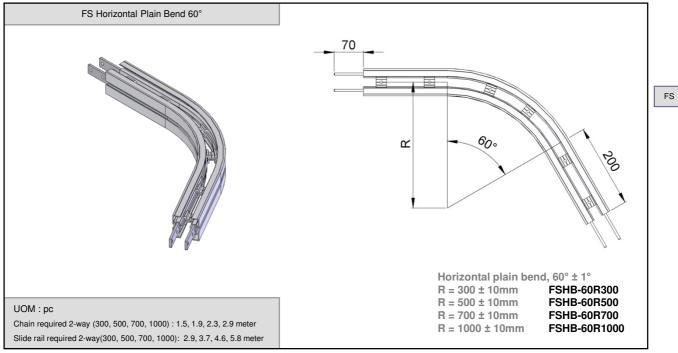


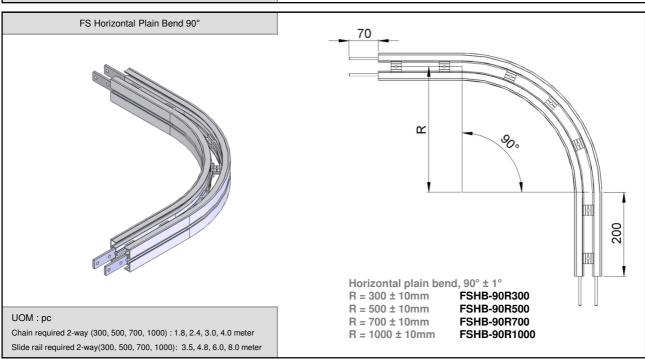






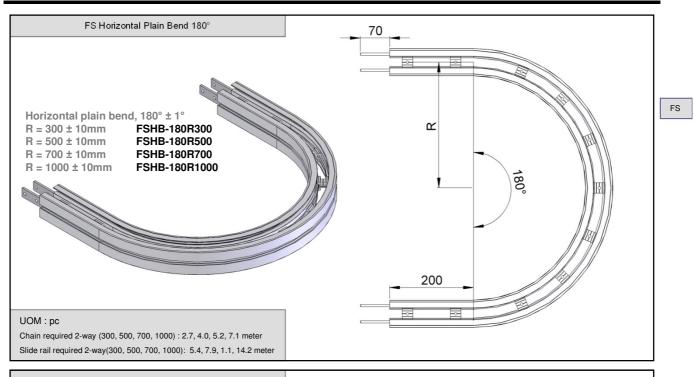






10.1 5-17







Example for FS Horizontal Plain Bend Ordering

Horizontal plain bend, Θ° ± 1°

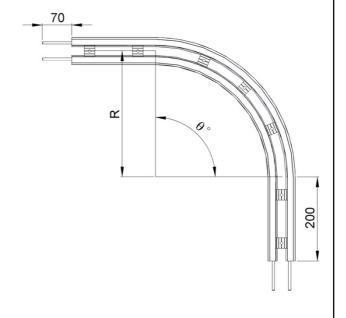
R = 300 ± 10mm FSHB-Θ°R300 R = 500 ± 10mm FSHB-Θ°R500 R = 700 ± 10mm FSHB-Θ°R700 R = 1000 ± 10mm FSHB-Θ°R1000

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

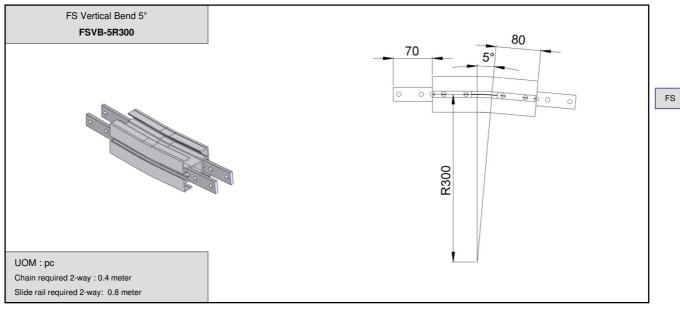
FSHB-120R500

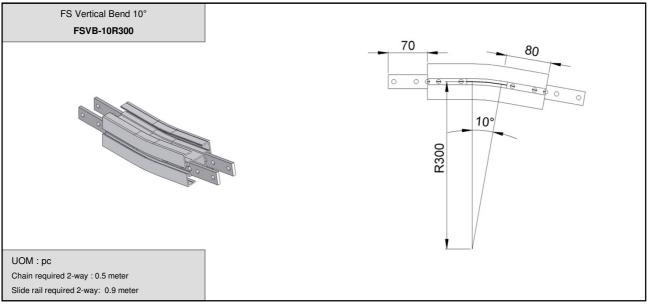
UOM : pc

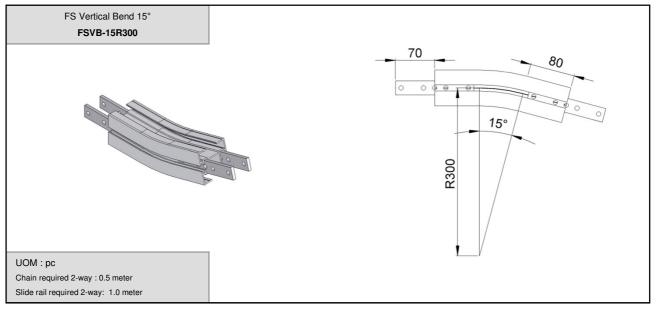
Chain required 2-way (300, 500, 700, 1000): meter (variable to angle) Slide rail required 2-way(300, 500, 700, 1000): meter (variable to angle)



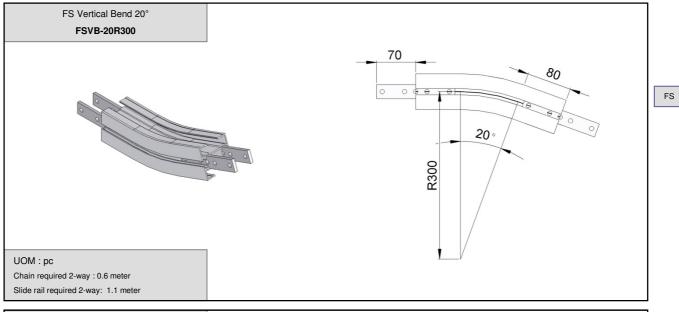


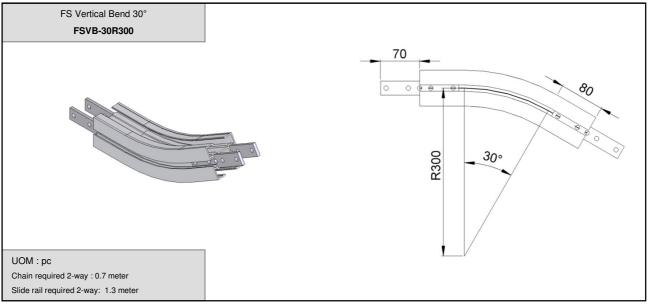


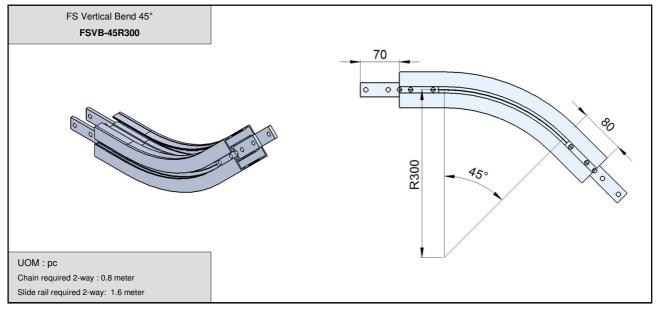




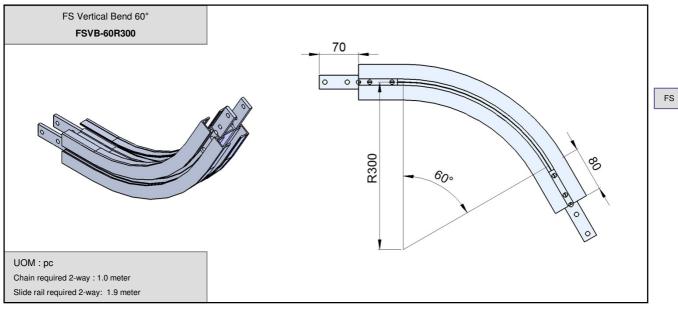


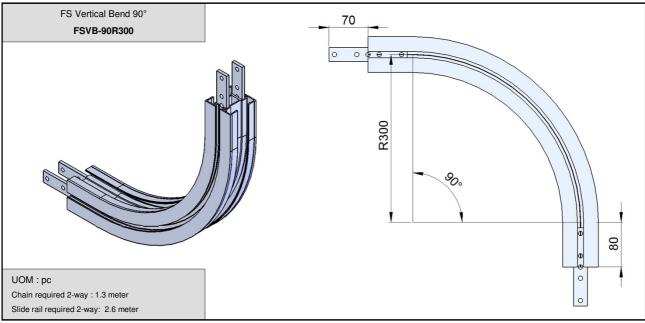


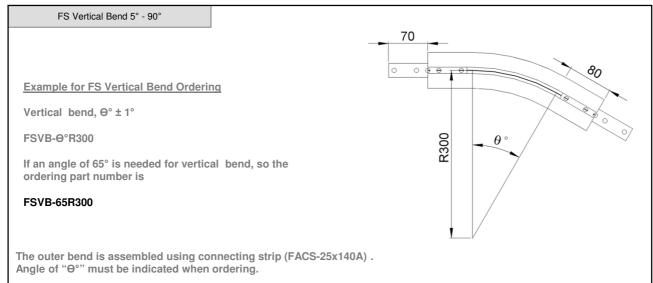












10.11 5-21