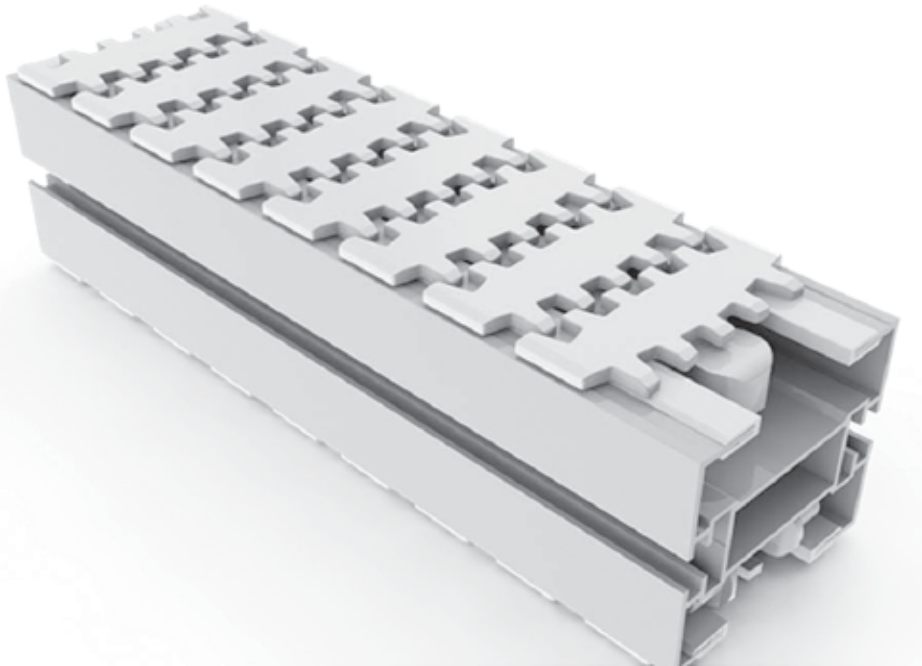


**FM**  
83mm  
Conveyor  
System

FM



## FM SERIES

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

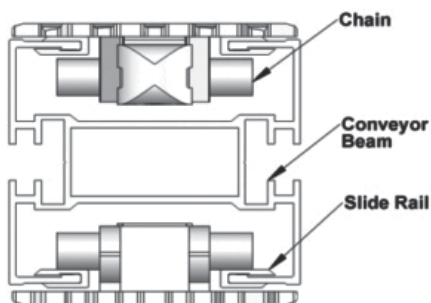
**Slide Rail Colour:** White Or Natural Colour

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

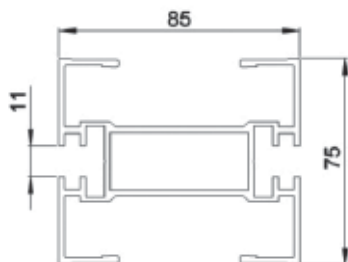
**Slide Rail Rivet & Screw:** FASLR-4X6 or FASLS-M5

Connecting strip is used to connect 2 beams.

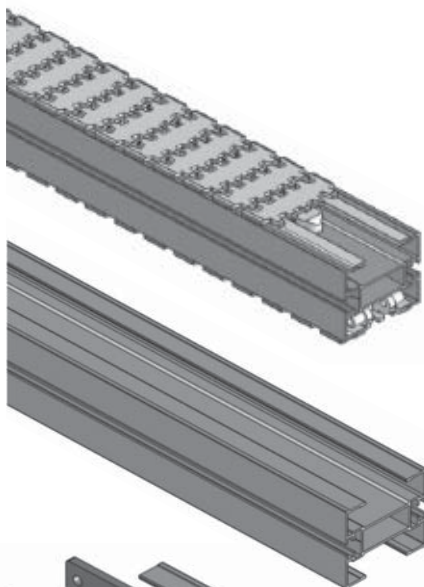
**Connecting Strip:** FACS-25x140A



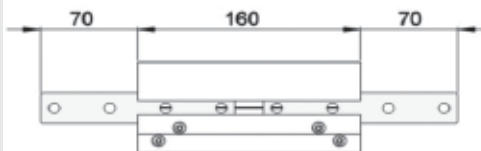
### Conveyor Beam FMCB-3



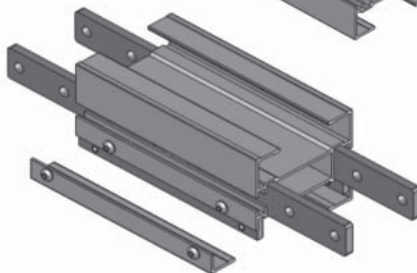
UOM: 3 Meter / Length



### 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

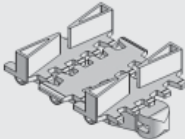
**Pivot:** Polyamide

**Pivot Pin:** Stainless Steel

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

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

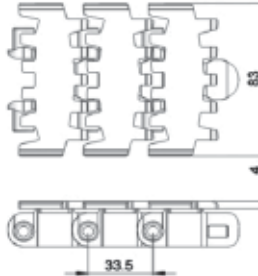
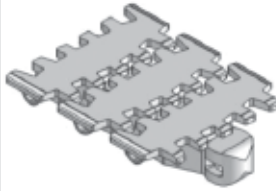
# = 1 cleated top chain with alternate of # link of plain chain



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

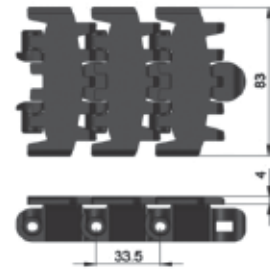
### Standard Plain Chain FMPC-5



**UOM:** 5 Meter / box

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

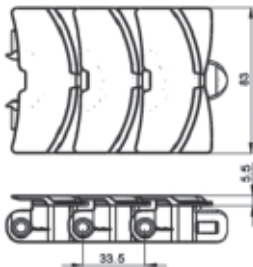
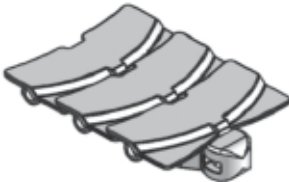
### Conductive Chain FMPC-5CD



**UOM:** 5 Meter / box

Application: Suitable for transport of static sensitive product.

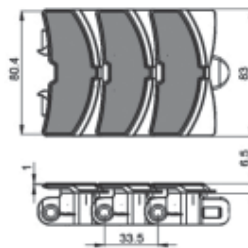
### Safety Chain FMPC-5V



**UOM:** 5 Meter / box

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

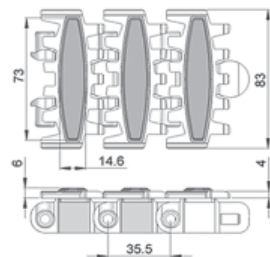
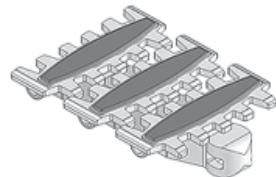
### Safety Chain Friction Top FMFT-5V



**UOM:** 5 Meter / box

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

### Friction Top Chain FMFT-5

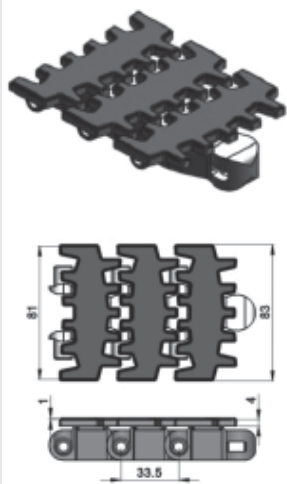


**UOM:** 5 Meter / box

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

FM SERIES

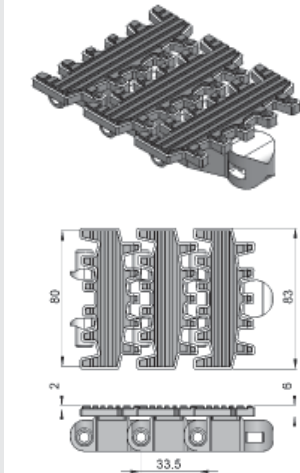
Friction Top Chain **FMFT-5A**



**UOM: 5 Meter / box**

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

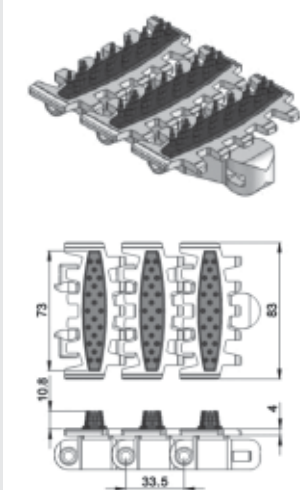
Friction Top Chain **FMFT-5B**



**UOM: 5 Meter / box**

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

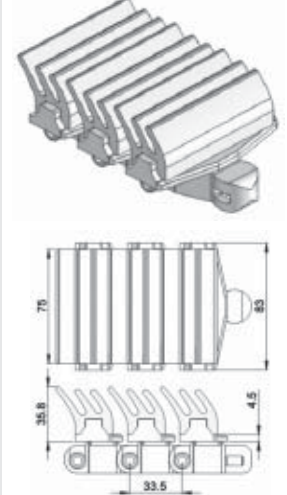
Wedge Top Chain **FMWT-5A**



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

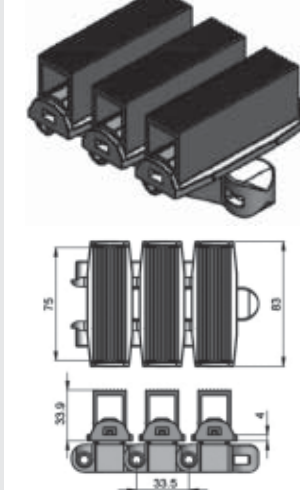
Wedge Top Chain **FMWT-5B**



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products (Heavy Duty)

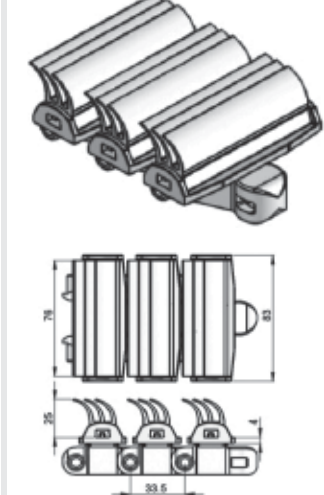
Wedge Top Chain **FMWT-5C**



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products (Heavy Duty)

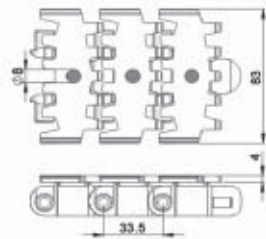
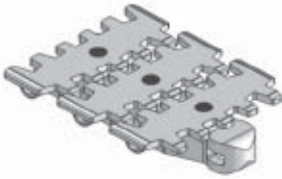
Wedge Top Chain **FMWT-5D**



**UOM: 5 Meter / box**

Application: Vertical Wedge transportation of products.

Magnet Top Chain **FMMT-5**

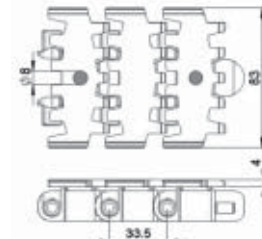
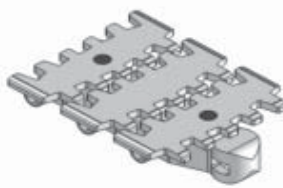


**UOM: 5 Meter / box**

Application: Suitable for conveying of ferromagnetic products in slope.

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

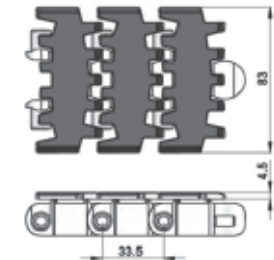
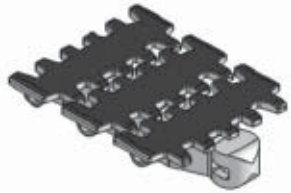
# = 1, 2, 3, 4, 5.....20



**UOM: 5 Meter / box**

Application: Suitable for conveying of ferromagnetic products in slope.

Flocked Chain **FMFK-5**

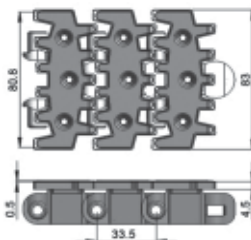


**UOM: 5 Meter / box**

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

FM

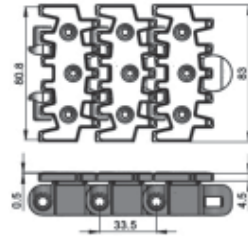
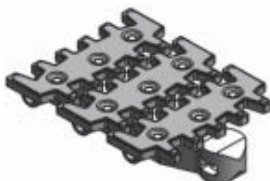
Hardened Steel Top Chain **FMST-5**



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

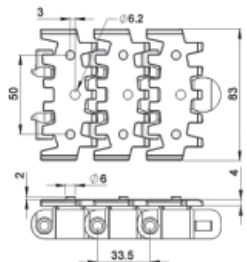
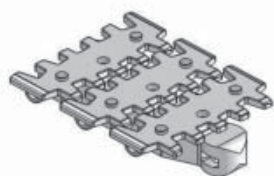
Stainless Steel Top Chain **FMST-5S**



**UOM: 5 Meter / box**

Application: Suitable to transport metal products in accumulation.

Universal Chain **FMUC-5**



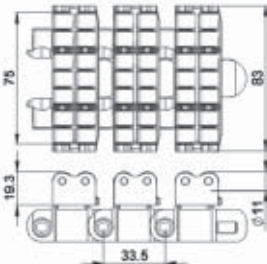
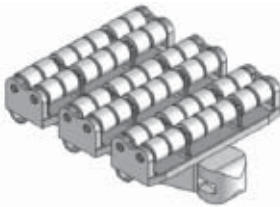
**UOM: 5 Meter / box**

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



FM SERIES

Roller Top Chain **FMRT-5**

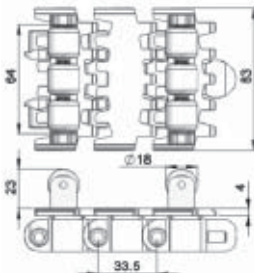
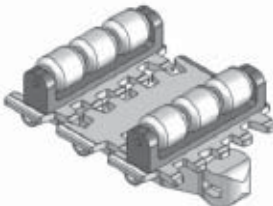


**UOM: 5 Meter / box**

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

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

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

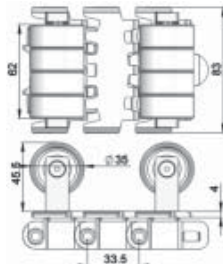
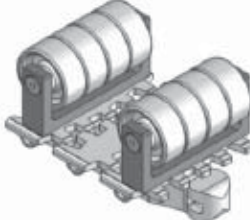


**UOM: 5 Meter / box**

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

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

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

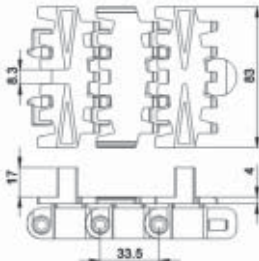
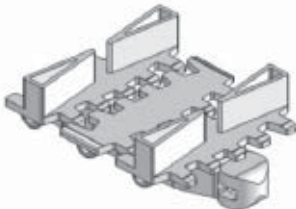


**UOM: 5 Meter / box**

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

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

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

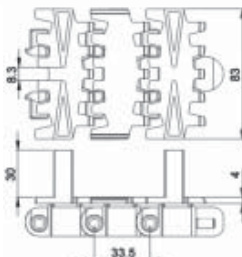
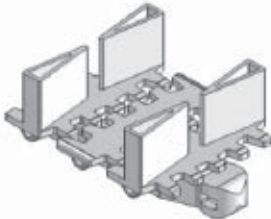


**UOM: 5 Meter / box**

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

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

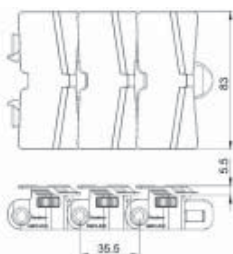
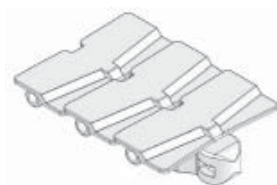
# = 1, 2, 3, 4, 5.....20



**UOM: 5 Meter / box**

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

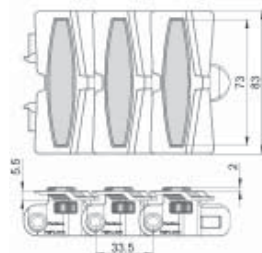
Safety Chain with rollers **FMPC-5VR**



**UOM: 5 Meter / box**

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

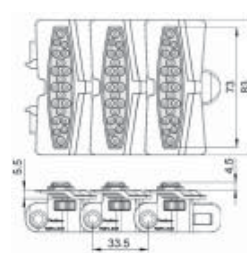
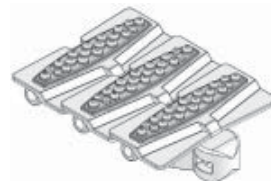
Safety Chain Friction Top with rollers **FMFT-5VR**



**UOM: 5 Meter / box**

Application: Suitable for transport product in slope  $> 5^\circ$  but  $\leq 30^\circ$  without accumulation. (Subject to product weight and Packing)

Safety Chain Friction Top with rollers **FMFT-5VR-C**

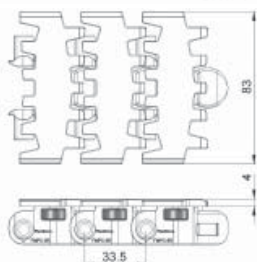
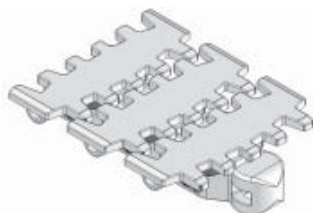


**UOM: 5 Meter / box**

Application: Suitable for transport product in slope  $> 5^\circ$  but  $\leq 35^\circ$  without accumulation. (Subject to product weight and Packing)

FM

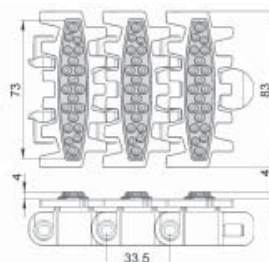
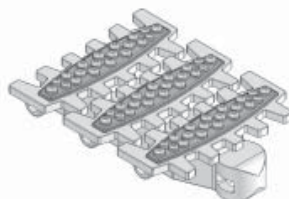
Plain Chain with rollers **FMPC-5R**



**UOM: 5 Meter / box**

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

Friction Top Chain **FMFT-5C**



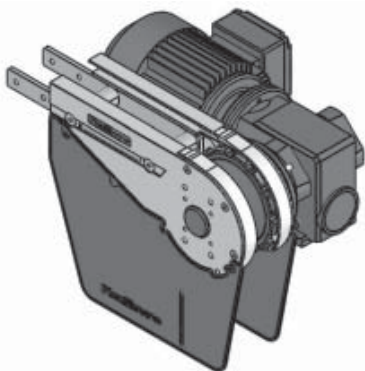
**UOM: 5 Meter / box**

Application: Suitable for transport product in slope  $> 5^\circ$  but  $\leq 35^\circ$  without accumulation. (Subject to product weight and Packing)

## FM SERIES

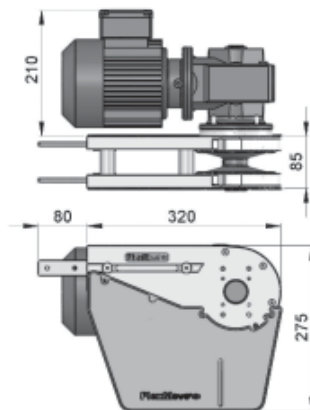
### FM Direct End Drive with Motor (LEFT)

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



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

FMDD-A85-0L



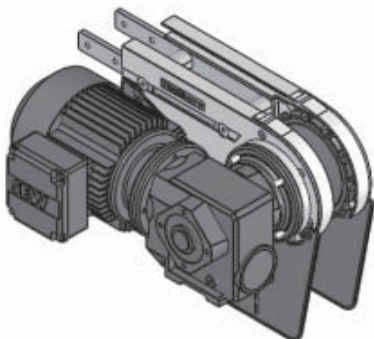
#### Max Traction Force : 1250N

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

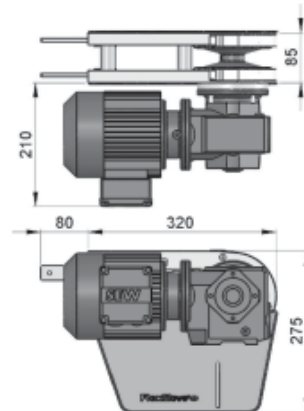
### FM Direct End Drive with Motor (RIGHT)

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

SEW gear motors are products of SEW Eurodrive

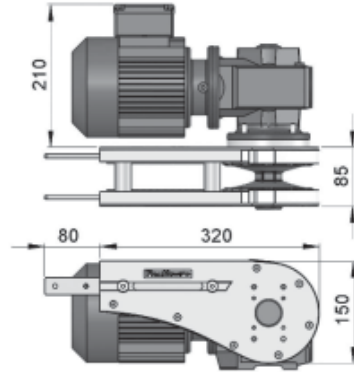
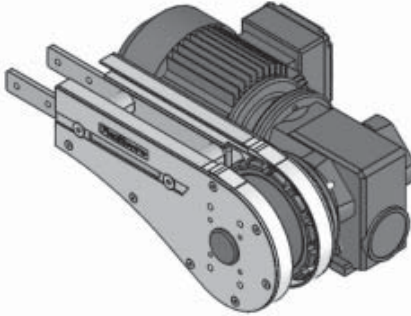


FM Direct End Drive with Motor GP (LEFT)

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 used for vertical wedge conveyor. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85GP-0L represents direct drive without gear motor.

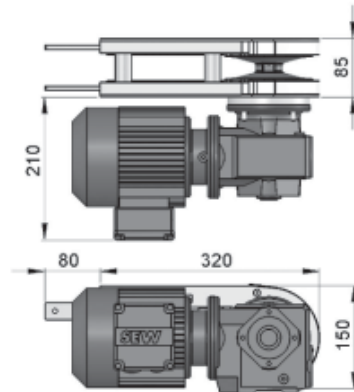
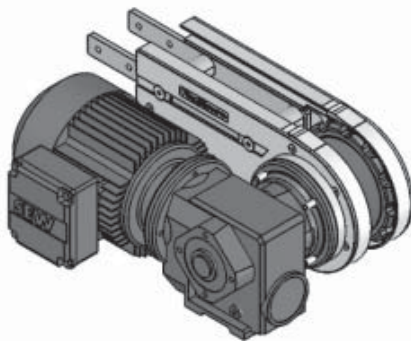
**UOM: pc** Chain required 2-way: 0.8 meter Slide rail required 2-way: 0.5 meter

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**

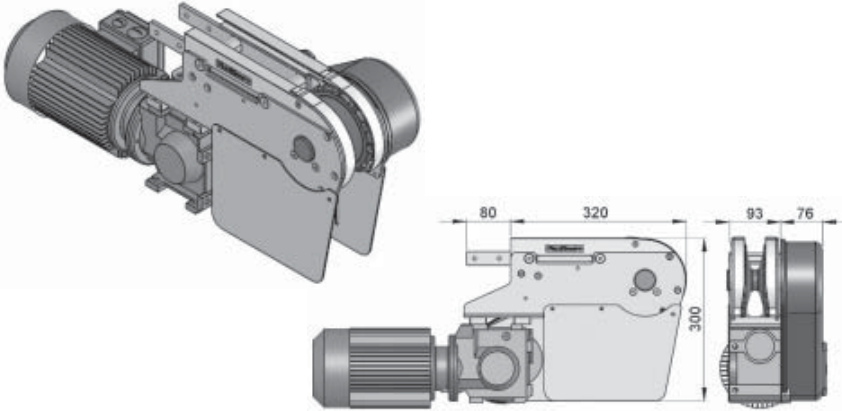
The Direct End Drive Unit GP is used for vertical wedge conveyor. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMDD-A85GP-0R represents direct drive without gear motor.

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

SEW gear motors are products of SEW Eurodrive

FM SERIES

FM Suspended End Drive with Motor (LEFT)	FM Suspended End Drive without Motor (LEFT)
FMSD-0.25L1, 0.37L1, 0.55L1	FMSD-0L1

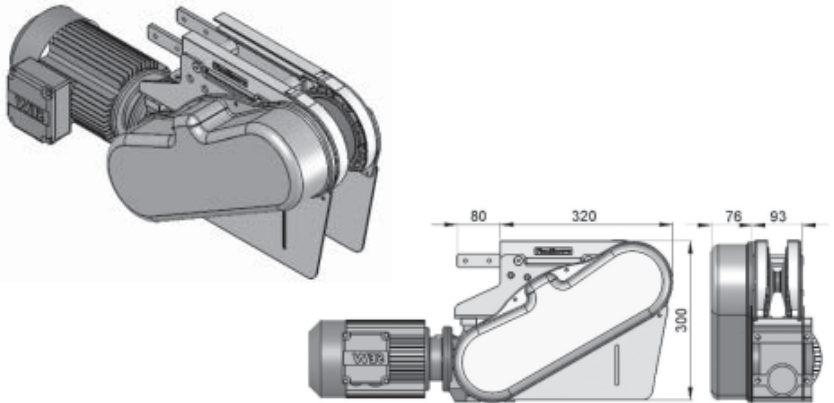


**Max Traction Force : 1250N**

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-0L1 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)	FM Suspended End Drive without Motor (RIGHT)
FMSD-0.25R1, 0.37R1, 0.55R1	FMSD-0R1



**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-0R1 represents direct drive without gear motor.

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

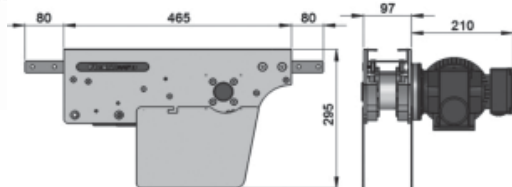
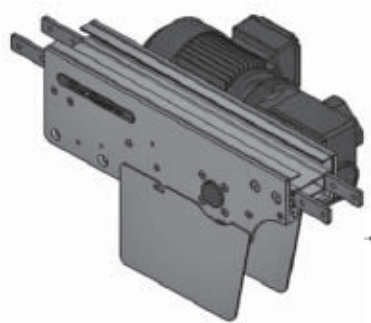
SEW gear motors are products of SEW Eurodrive

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 FMDS.

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

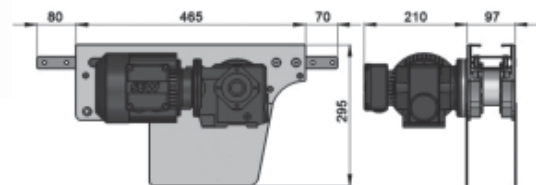
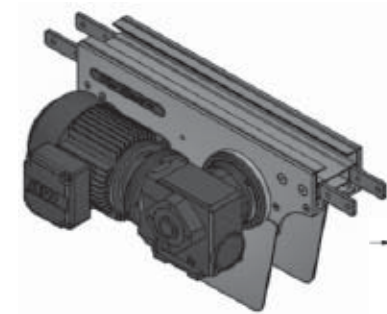
FM

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**

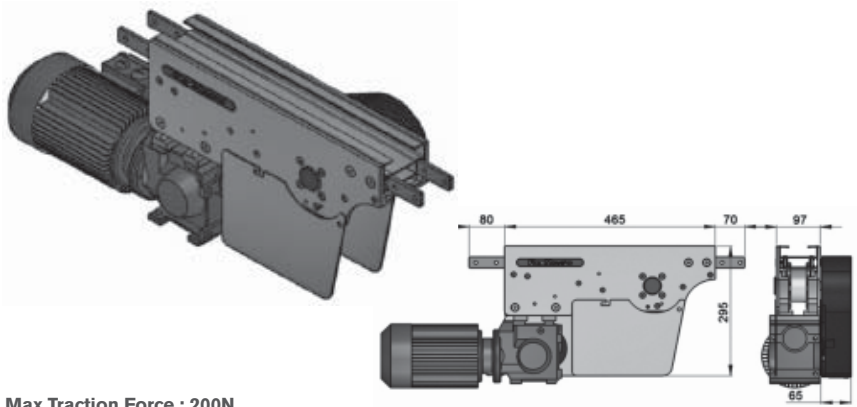
The Direct Intermediate Drive Unit is without torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMID-DD-0R1 represents direct drive without gear motor. Maximum traction force for FMID-DD is lower than FMDD and FMDS.

**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 SERIES

FM Suspended Intermediate Drive with Motor (LEFT)	FM Suspended Intermediate Drive without Motor (LEFT)
FMID-SD-0.25L1, 0.37L1, 0.55L1	FMID-SD-0L1

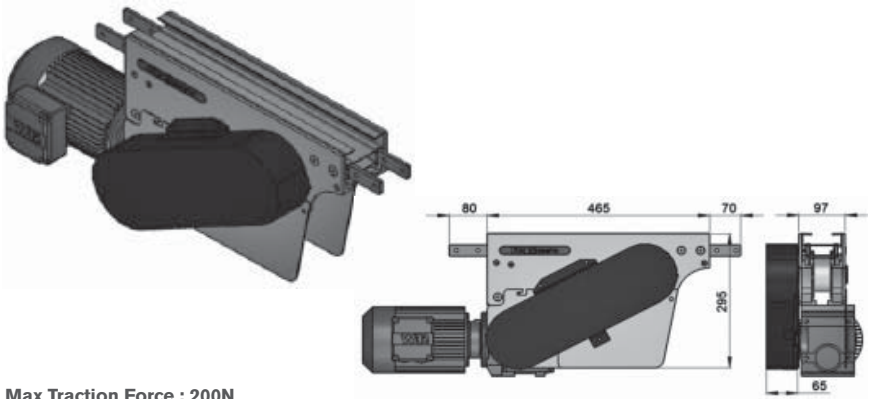


Max Traction Force : 200N

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

FM Suspended Intermediate Drive with Motor (RIGHT)	FM Suspended Intermediate Drive without Motor (RIGHT)
FMID-SD-0.25R1, 0.37R1, 0.55R1	FMID-SD-0R1

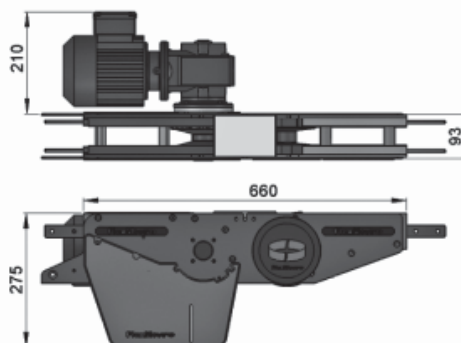
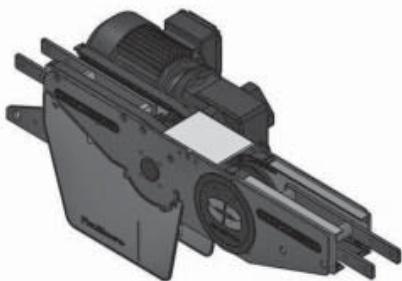


Max Traction Force : 200N

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.

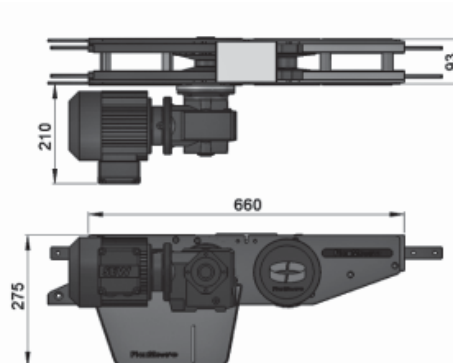
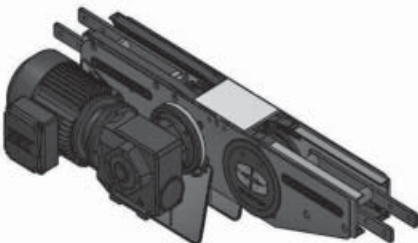
UOM: pc Chain required 2-way: 1.2 meter Slide rail required 2-way: 1.1 meter

SEW gear motors are products of SEW Eurodrive

**FM Combined Direct Drive & Idler (LEFT)**
**FMCDI-DD-0.25L1, 0.37L1, 0.55L1**
**FMCDI-DD-0L1**

**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-0L1 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-0.25R1, 0.37R1, 0.55R1**
**FMCDI-DD-0R1**

**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-0R1 represents direct drive without gear motor.

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

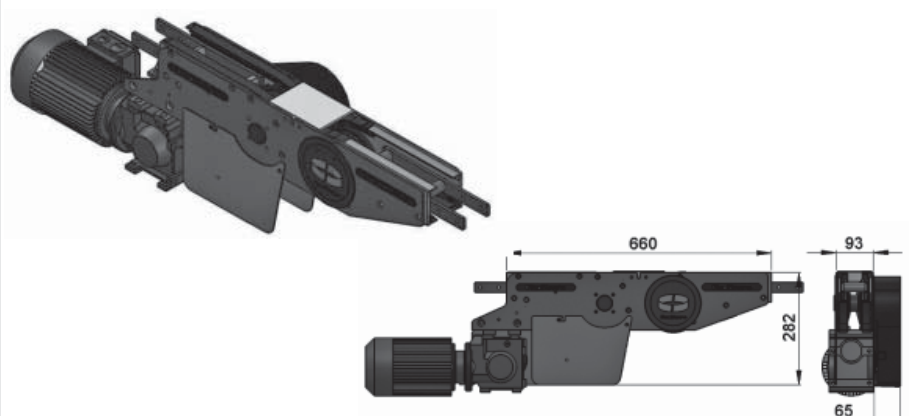
*SEW gear motors are products of SEW Eurodrive*

FM SERIES

FM Combined Suspended Drive & Idler (LEFT)

FMCDI-SD-0.25L1, 0.37L1, 0.55L1

FMCDI-SD-0L1



**Max Traction Force : 1250N**

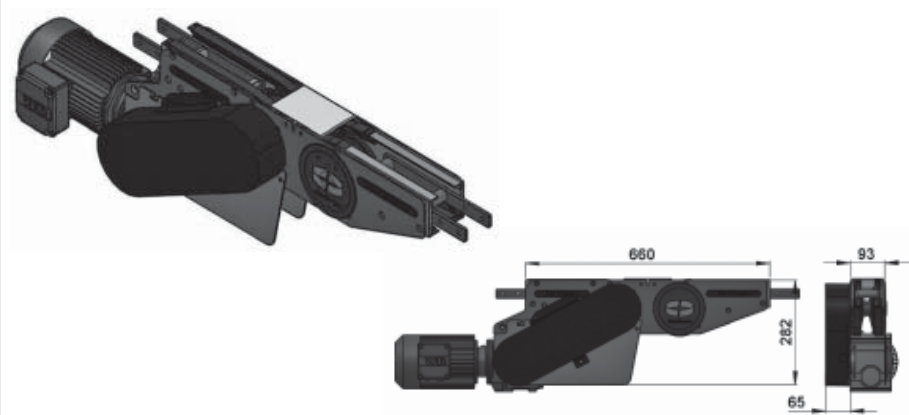
The Combine Suspended End Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCDI-SD-0L1 represents suspended drive without gear motor.

**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-0.25R1, 0.37R1, 0.55R1

FMCDI-SD-0R1



**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-0R1 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

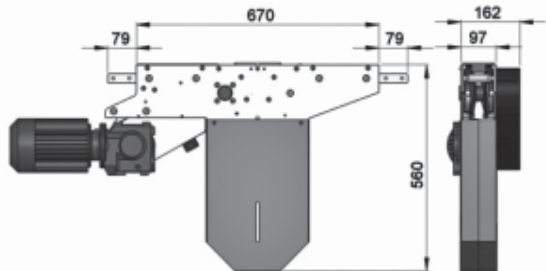
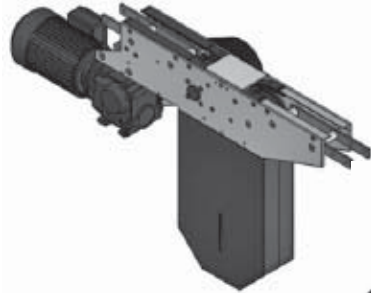


FM Suspended Catenary Drive with Motor (LEFT)

FMCD-SD-0.25L, 0.37L, 0.55L

FM Suspended Catenary Drive without Motor (LEFT)

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

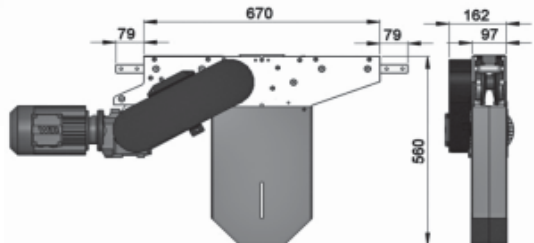
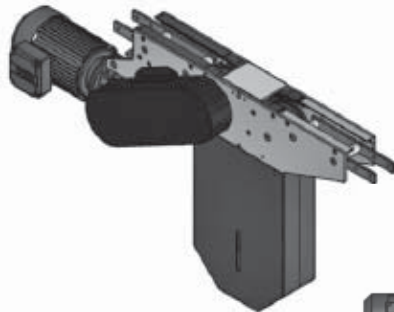
FM

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**

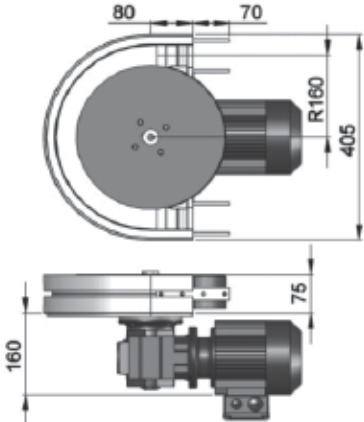

The Suspended Catenary Drive Unit is with torque limiter. Standard attached drive are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMCD-SD-0R represents suspended drive without motor.

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

SEW gear motors are products of SEW Eurodrive

FM SERIES

FM Direct Wheel Drive with Motor	FM Direct Wheel Drive without Motor
FMWD-DD-0.25, 0.37, 0.55	FMWD-DD-0M

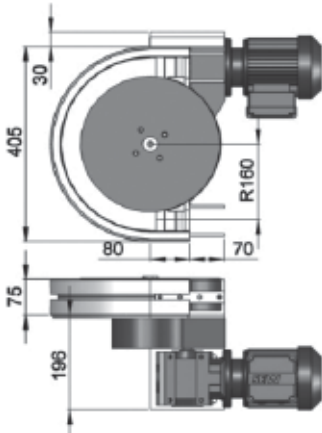
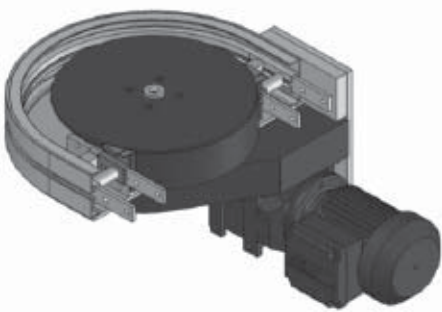


**Max Traction Force : 200N**

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	FM Suspended Wheel Drive without Motor
FMWD-SD-0.25, 0.37, 0.55	FMWD-SD-0M



**Max Traction Force : 200N**

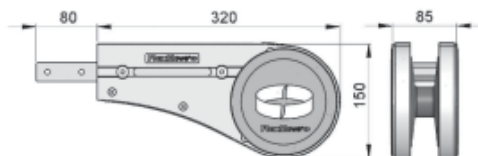
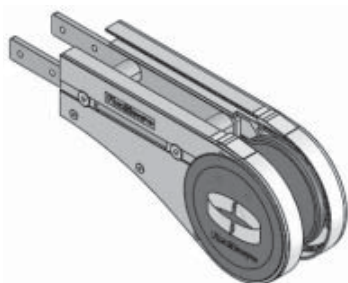
The Suspended Wheel Drive Unit is with torque limiter. Standard attached gear motors are with SEW motor size 0.25kW, 0.37kW & 0.55kW. FMWD-SD-0M represents wheel drive without gear motor. Maximum traction force for FMWD-SD is lower than FMDD and FMSD.

**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

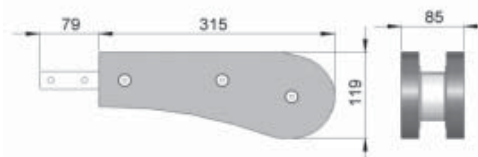


**UOM: pc** Chain required 2-way: 0.8 meter Slide rail required 2-way: 0.5 meter

FM

FM Idler End-315

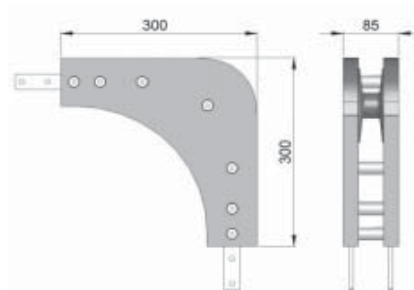
FMIE-315



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

FM Idler Bend

FMIB-300

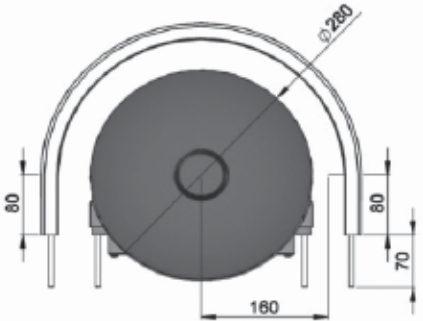



**UOM: pc** Chain required 1-way: 0.6 meter Slide rail: 0 meter  
**Note:** Cannot be used with return chain

FM SERIES

FM Wheel Bend 180°

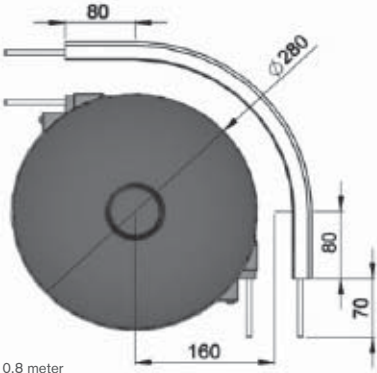

FMWB-180R160A



UOM: pc Chain required 2-way: 1.3 meter Slide rail required 2-way: 1.0 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°

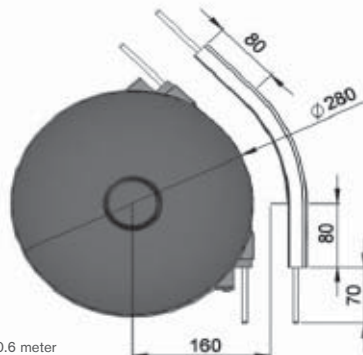
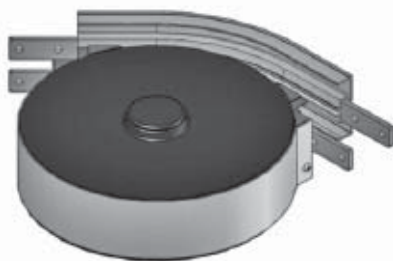
FMWB-60R160A



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

FM Wheel Bend 45°

FMWB-45R160A

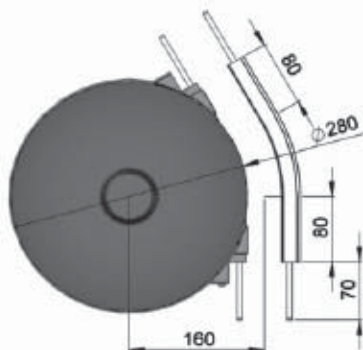
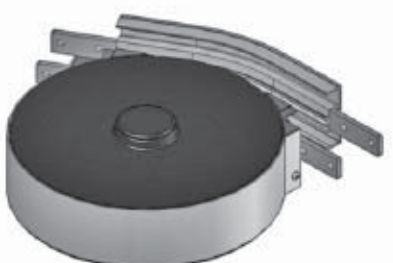


**UOM: pc** Chain required 2-way: 0.7 meter Slide rail required 2-way: 0.6 meter

FM

FM Wheel Bend 30°

FMWB-30R160A



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

FM Wheel Bend 5° - 180°

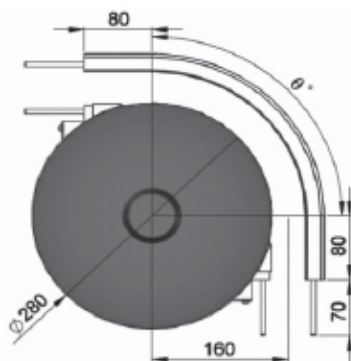
**Example for FM Wheel Bend Ordering**

- Wheel bend,  $\varnothing^\circ \pm 1^\circ$
- FMWB- $\varnothing^\circ$ R160A

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

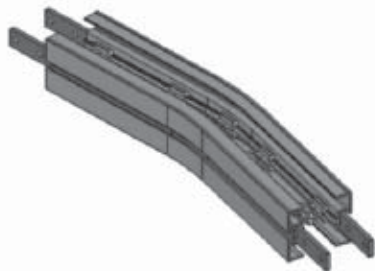
**FMWB-65R160A**

*The outer bend is assembled using connecting strip  
(FACS-25x140A). Angle of  $\varnothing^\circ$  must be indicated  
when ordering.*



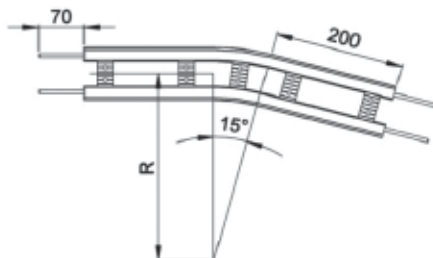
## FM SERIES

### FM 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°**

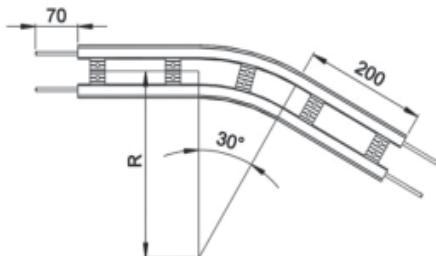
R = 300 ± 10mm	<b>FMHB-15R300</b>
R = 500 ± 10mm	<b>FMHB-15R500</b>
R = 700 ± 10mm	<b>FMHB-15R700</b>
R = 1000 ± 10mm	<b>FMHB-15R1000</b>

### FM 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°**

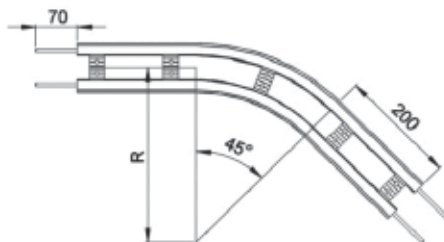
R = 300 ± 10mm	<b>FMHB-30R300</b>
R = 500 ± 10mm	<b>FMHB-30R500</b>
R = 700 ± 10mm	<b>FMHB-30R700</b>
R = 1000 ± 10mm	<b>FMHB-30R1000</b>

### FM 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	<b>FMHB-45R300</b>
R = 500 ± 10mm	<b>FMHB-45R500</b>
R = 700 ± 10mm	<b>FMHB-45R700</b>
R = 1000 ± 10mm	<b>FMHB-45R1000</b>



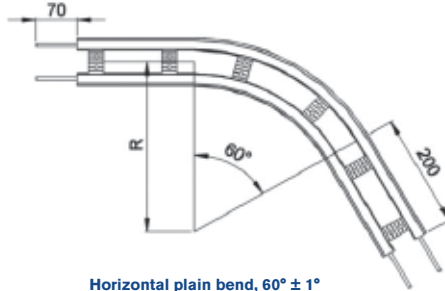
### FM Horizontal Plain Bend 60°



**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° ± 1°

R = 300 ± 10mm **FMHB-60R300**

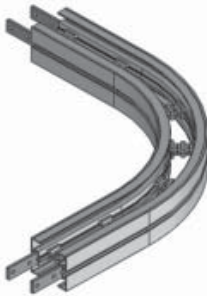
R = 500 ± 10mm **FMHB-60R500**

R = 700 ± 10mm **FMHB-60R700**

R = 1000 ± 10mm **FMHB-60R1000**

FM

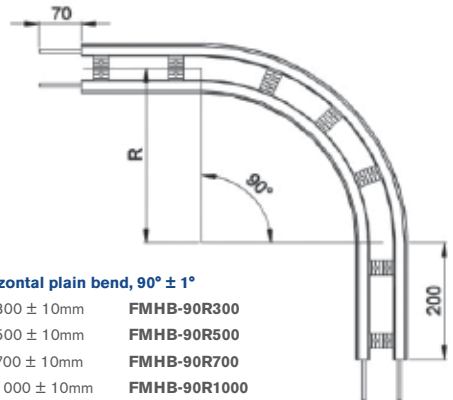
### FM Horizontal Plain Bend 90°



**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° ± 1°

R = 300 ± 10mm **FMHB-90R300**

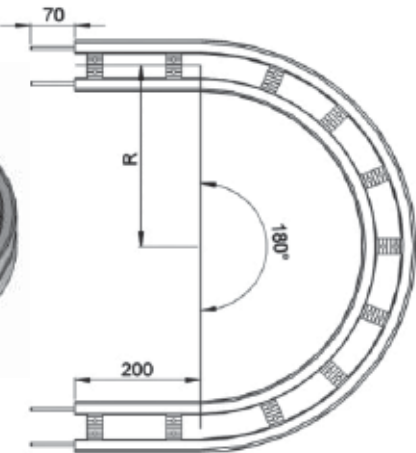
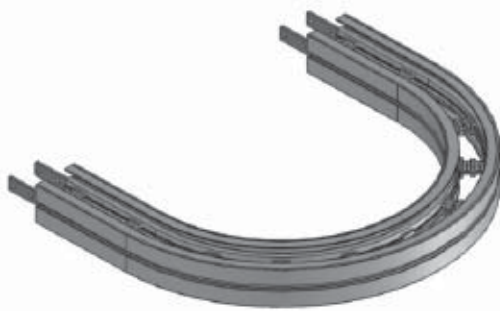
R = 500 ± 10mm **FMHB-90R500**

R = 700 ± 10mm **FMHB-90R700**

R = 1000 ± 10mm **FMHB-90R1000**

FM SERIES

FM Horizontal Plain Bend 180°



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

Horizontal plain bend, 180° ± 1°

R = 300 ± 10mm	<b>FMHB-180R300</b>
R = 500 ± 10mm	<b>FMHB-180R500</b>
R = 700 ± 10mm	<b>FMHB-180R700</b>
R = 1000 ± 10mm	<b>FMHB-180R1000</b>

FM Horizontal Plain Bend 5° - 180°

Example for FM Horizontal Plain Bend Ordering

Horizontal plain bend, Ø° ± 1°

R = 300 ± 10mm	<b>FMHB- Ø°R300</b>
R = 500 ± 10mm	<b>FMHB- Ø°R500</b>
R = 700 ± 10mm	<b>FMHB- Ø°R700</b>
R = 1000 ± 10mm	<b>FMHB- Ø°R1000</b>

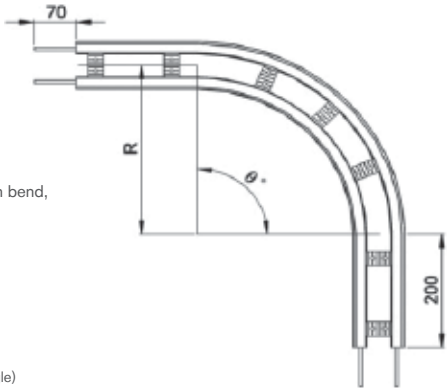
If an angle of 120° is needed for radius R500 horizontal plain bend,  
so the ordering part number is

**FMHB-120R500**

UOM: pc

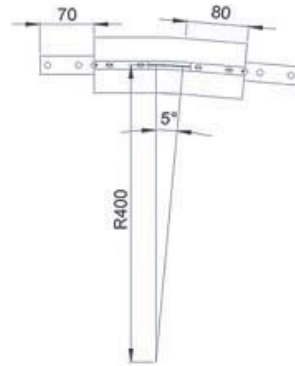
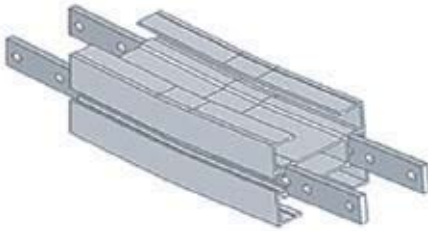
Chain required 2-way (300, 500, 700, 1000): meter (Variable to angle)

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



FM Vertical Bend 20°

FMVB-20R400

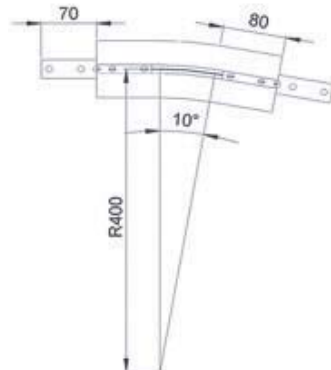
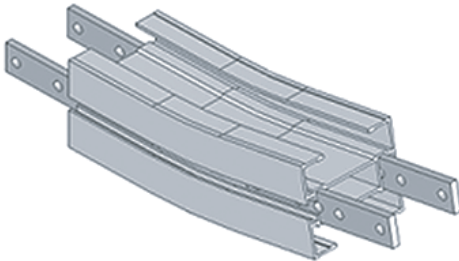


**UOM : pc** Chain required 2-way: 0.6 meter Slide rail required 2-way: 1.2 meter

FM

FM Vertical Bend 30°

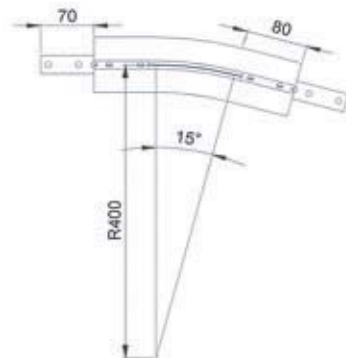
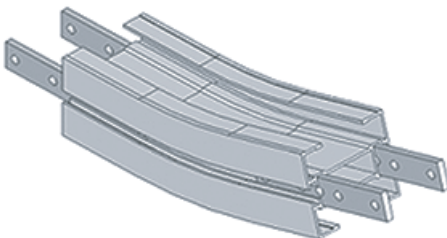
FMVB-30R400



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

FM Vertical Bend 45°

FMVB-45R400

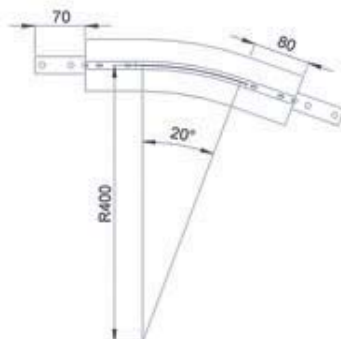
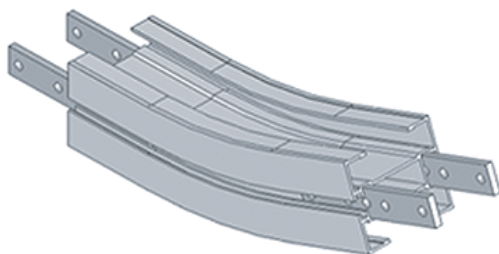


**UOM : pc** Chain required 2-way: 1.0 meter Slide rail required 2-way: 1.9 meter

## FM SERIES

### FM Vertical Bend 20°

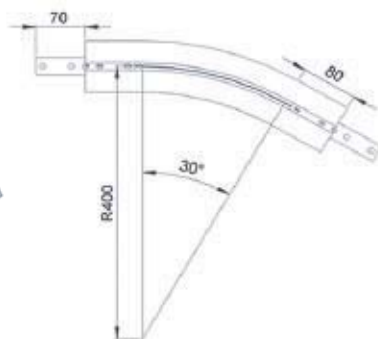
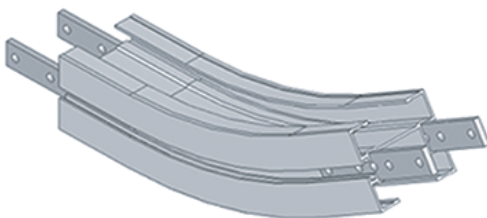
FMVB-20R400



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

### FM Vertical Bend 30°

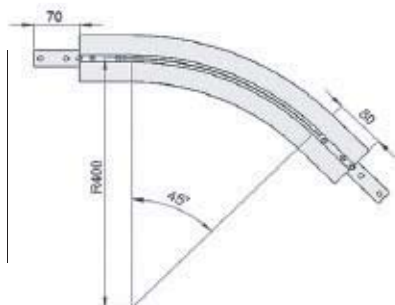
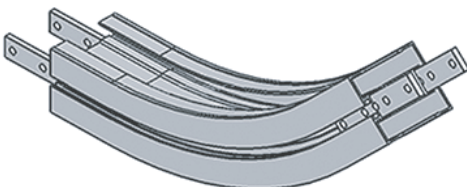
FMVB-30R400



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

### FM Vertical Bend 45°

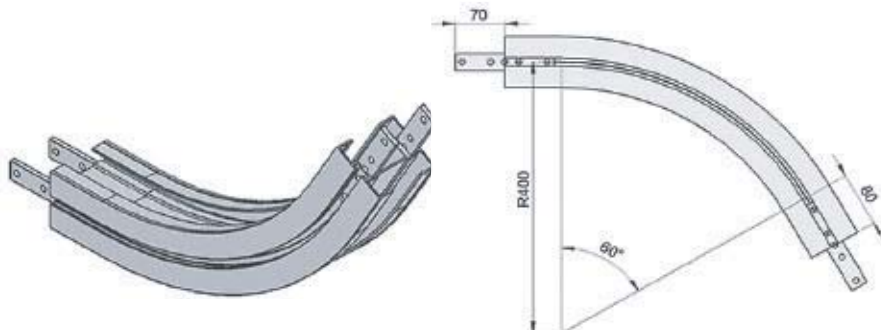
FMVB-45R400



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

FM Vertical Bend 60°

FMVB-60R400

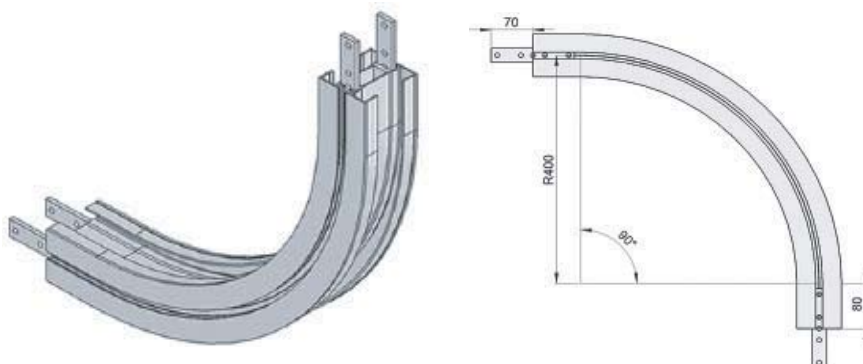


UOM : pc Chain required 2-way: 1.2 meter Slide rail required 2-way: 2.4 meter

FM

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,  $\theta^\circ \pm 1^\circ$
- FMVB- $\theta^\circ$ 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 "θ°" must be indicated  
when ordering.*

