

# MODU MF2 CONVEYOR SERIES

AP

TR

MP

MS3

MM3

ML2

MX2

MT2

MR2

MF2

MPP

MM3P

ML2P

MDP

MG

MB

MA

DS3

DM3

DL2

DX2

DT2

DR2

DF2

DG

DB

DA

SD

SE

TL

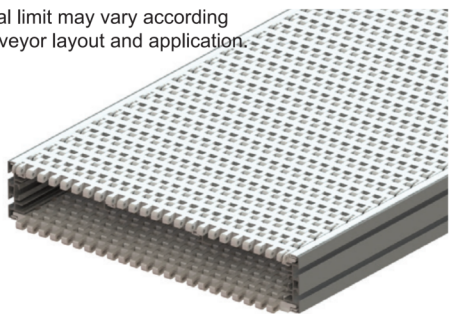
IM

MM

## Technical Characteristics

Chain Width	585 mm
Chain Pitch	45.0 mm
Chain Weight	7.1 kg/m
Chain Working Tension (Max) With Bend Without Bend	2100 N 2200 N
Max Product Weight* <i>Horizontal Transport</i> <i>Vertical Transport</i>	30.0 kg 15.0 kg
Total Load*	400 kg
Working Temperature*	-10°C to 60°C
Max Conveyor Length*	30 m
Max speed*	50 m/min
Drive Unit Capacity	2200 N
Item Width*	<700 mm

\* Actual limit may vary according to conveyor layout and application.



## Chain Width 585 mm

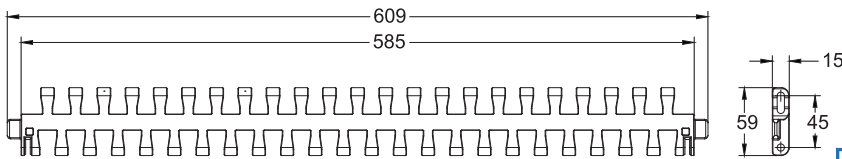
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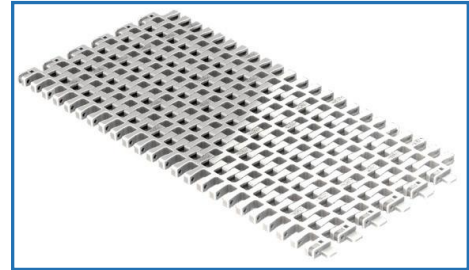
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**Belt MF2**

**Plastic Plain Curve Belt**

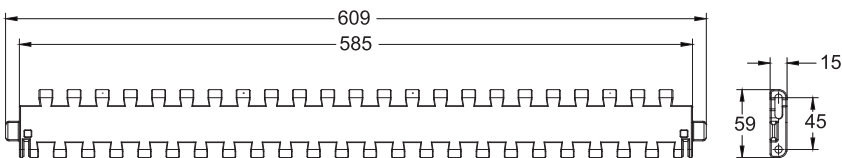


- 8.5mm belt gap.
- Suitable for conveyor configuration with incline/decline up to 7°.
- Accumulation possible.

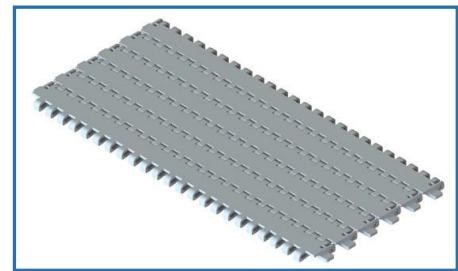


Item Code	Material	Color	Weight	Supply
MF2 CP 5	POM	White	35.4 kg/roll	5m/roll
MF2 CP 5 P	PP	White	24.8 kg/roll	5m/roll

**Plastic Plain Straight Belt**

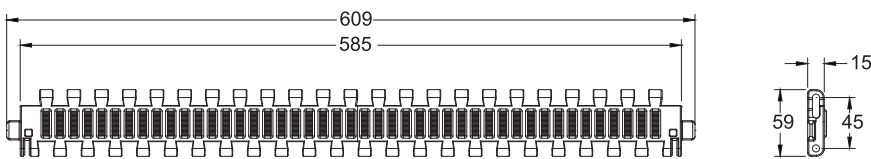


- 0mm belt gap.
- Suitable for conveyor configuration with incline/decline up to 7°.
- Accumulation possible.

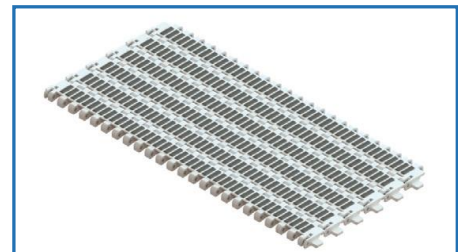


Item Code	Material	Color	Weight	Supply
MF2 CP 5 ZG	POM	White	38.2 kg/roll	5m/roll
MF2 CP 5 ZG P	PP	White	26.7 kg/roll	5m/roll

**Friction Belt**



- Suitable for conveyor configuration with incline/decline up to 25°.
- Friction material : TPE (grey).
- Straight running only (0mm gap)
- Accumulation not possible.



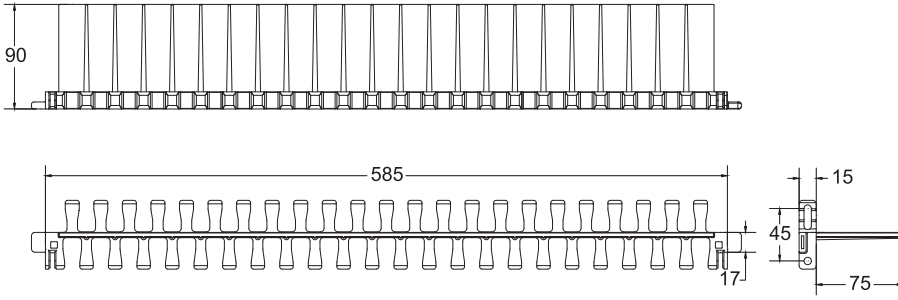
Item Code	Material	Color	Weight	Supply
MF2 CF 5 ZG	PP	White	39.2 kg/roll	5m/roll

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

# MODU MF2 SERIES - BELT

## Plastic Cleated Link

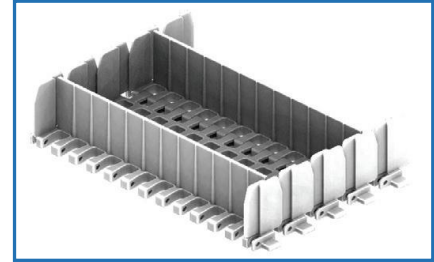


- Required for vertical or steeply inclined /declined conveyor.
- Accumulation not possible.
- Supply in pieces without side guide.

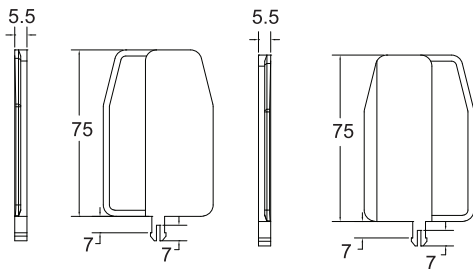
\*P  
Please specify pitch between cleat for ordering  
(eg. MF2 CC 3x75 \*P ; 3P = Every 3rd link to be cleated).

Item Code	Material	Color	Weight	Supply
MF2 CC 3x75 *P	POM	White	** kg/pc	1 pc

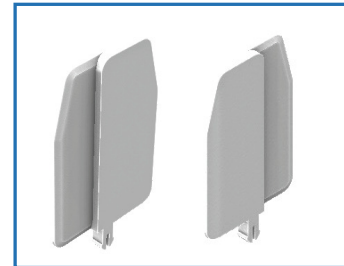
\* Non-standard height are available upon request but cleat material will be different.



\* Side guide cleats are optional



## Side Guard L-R



Item Code	Material	Color	Weight	Supply
MT2 CLP G-75	POM	White	1.7 kg	50 set/pkt

## Belt Accessories MF2

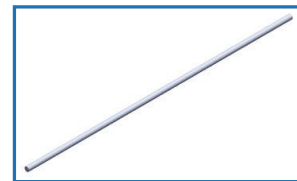
### Lubricant For Belt



Silicone-based lubricant,  
400ml

Item Code	Weight	Supply
MA SL	0.35 kg/can	1 can

### Belt Pin



Item Code	Material	Weight	Supply
MF2 PC	POM	0.16 kg	10 pcs / pkt

### Belt Lock



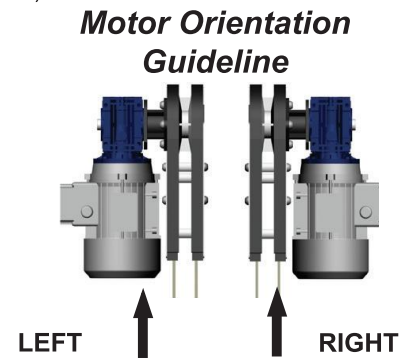
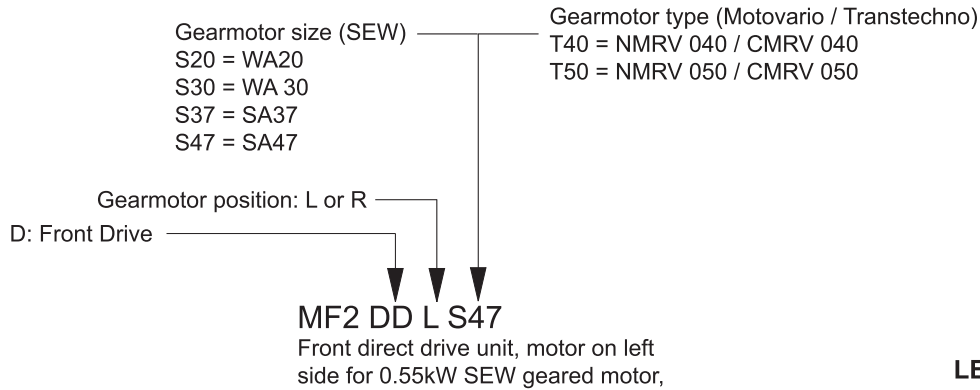
Item Code	Material	Color	Weight	Supply
MT2 BL	POM	White	0.07 kg	10 pcs / pkt

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

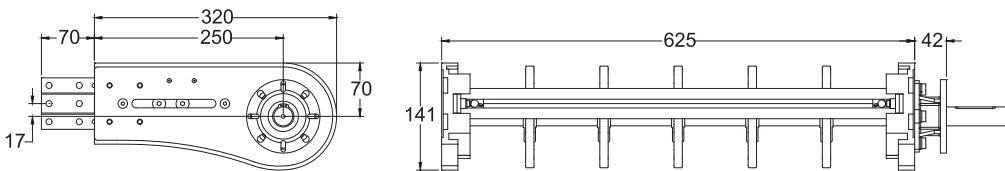
# MODU MF2 SERIES - DRIVE & IDLER UNIT

## Drive Units MF2



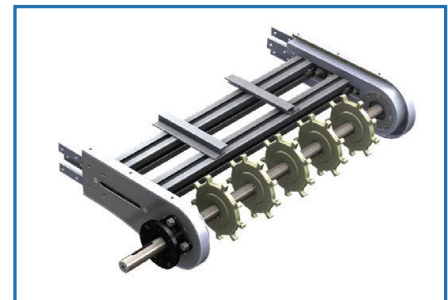
Example. Code for Basic unit;  
**MF2 DD R S47** => Front drive unit, motor on right side for SEW SA47 gearmotor.

## Front Drive Unit

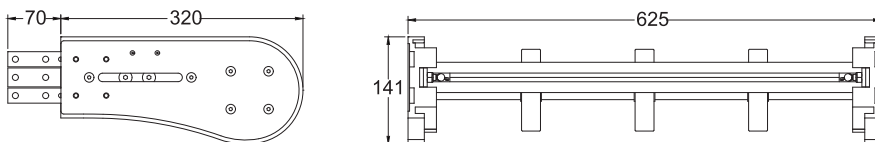


- Effective track length: 0.8m
- Traction force: 2200N
- Connecting strip and set screw included.
- Built in with CIS

Item Code	Description	Weight	Supply
MF2 DD R/L S/T	Basic drive unit	12.0 kg	1 unit

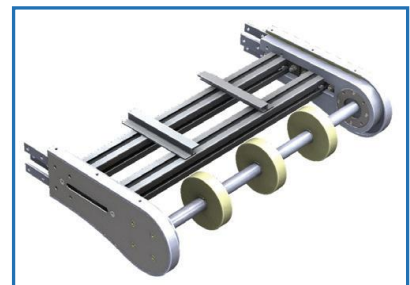


## Idler Unit MF2



- Effective track length: 0.8m
- Connecting strip and set screw included.
- Built in with CIS

Item Code	Description	Weight	Supply
MF2 IE 320	Basic idler unit	11.3 kg	1 unit

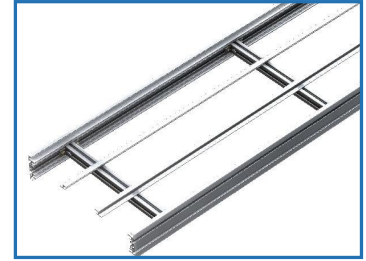
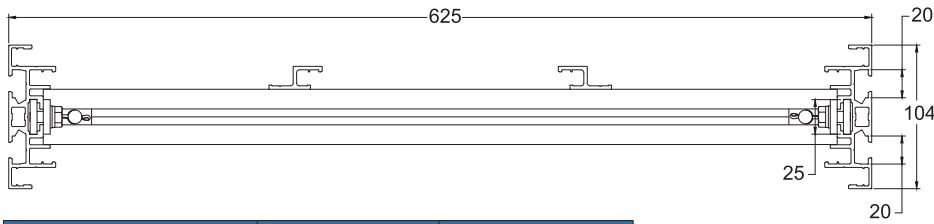


Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

## MODU MF2 SERIES - BEAM AND ACCESSORIES

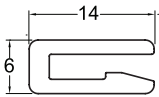
### Conveyor Beam MF2



Item Code	Weight	Supply
MF2 CB 3	21.0kg	3m / beam

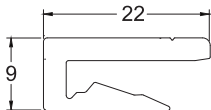
### Accessories MF2

#### Slide Rail



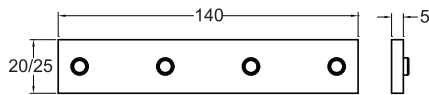
Item Code	Material	Color	Weight	Supply
MS SR 25	HDPE	Semi-Transparent White	1.2 kg	25m/roll
MS SR 25A	Anti-Static	Grey	1.2 kg	25m/roll

#### Slide Rail



Item Code	Material	Color	Weight	Supply
MA2 SR 25	HDPE	Semi-Transparent White	2.8 kg	25m/roll
MA2 SR 25A	Anti-Static	Grey	2.8 kg	25m/roll

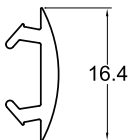
#### Connecting Strip



- 4 pcs M8 set screw included.

Item Code	Weight	Supply
MA CS 20x140	1.1 kg	10 pcs/pkt
MA CS 25x140	1.1 kg	10 pcs/pkt

#### T-Slot Cover



Item Code	Material	Color	Weight	Supply
MB SC 25T	TPE	Grey	1.5 kg	25m/roll
MB SC 25P	PVC	Light Grey	1.3 kg	25m/roll

#### Screw



Item Code	Weight	Supply
MA RS 6.5	0.02 kg	50 pcs/pkt

#### Rivet



Item Code	Weight	Supply
MA RR 3	0.02 kg	50 pcs/pkt

#### Slide Rail Assembling Tool



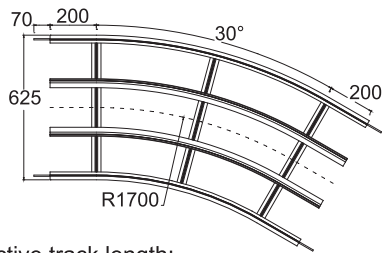
Item Code	Weight	Supply
MT2 SRA	0.4 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

## MODU MF2 SERIES - HORIZONTAL PLAIN BEND

### Horizontal Plain Bend MF2

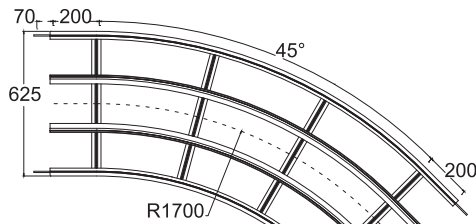


Effective track length:  
R1700: 1.29m 1-way (2.58m 2-way)

#### Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
MF2 BP 30R1700	1700 mm	11.5 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

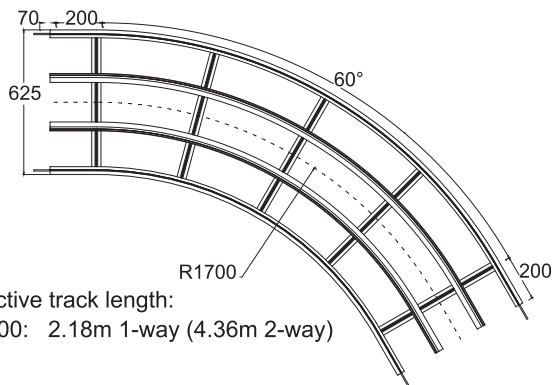


Effective track length:  
R1700: 1.74m 1-way (3.48m 2-way)

#### Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
MF2 BP 45R1700	1700 mm	15.2 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

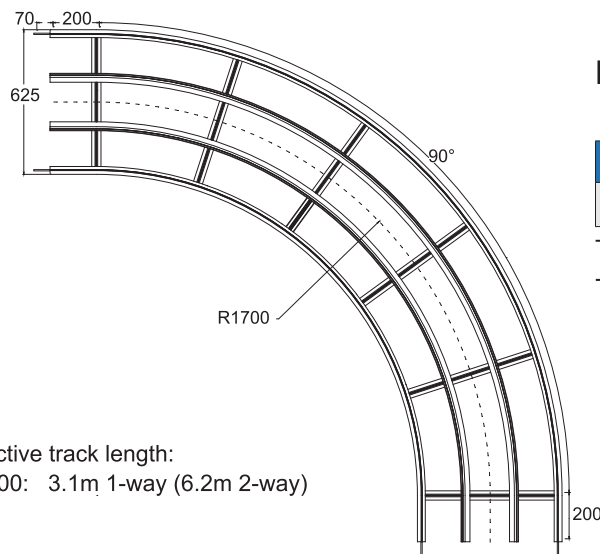


Effective track length:  
R1700: 2.18m 1-way (4.36m 2-way)

#### Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
MF2 BP 60R1700	1700 mm	19.0 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.



Effective track length:  
R1700: 3.1m 1-way (6.2m 2-way)

#### Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
MF2 BP 90R1700	1700 mm	25.1 kg	1 unit

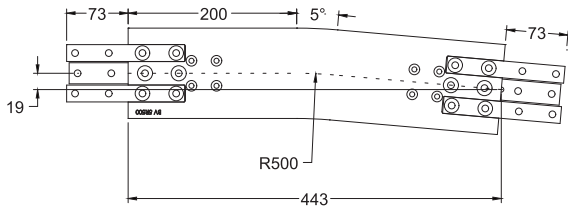
Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

# MODU MF2 SERIES - VERTICAL BEND

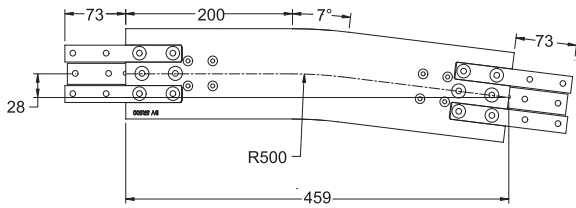
## Vertical Bend MF2



### Vertical Bend, 5°

Effective track length:  
 R500: 0.44m 1-way (0.88m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

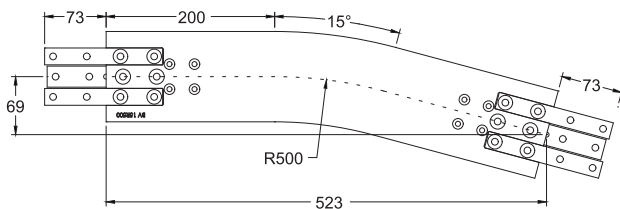
Item Code	Weight	Supply
MF2 BV 5R500	7.6 kg	1 unit



### Vertical Bend, 7°

Effective track length:  
 R500: 0.46m 1-way (0.92m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

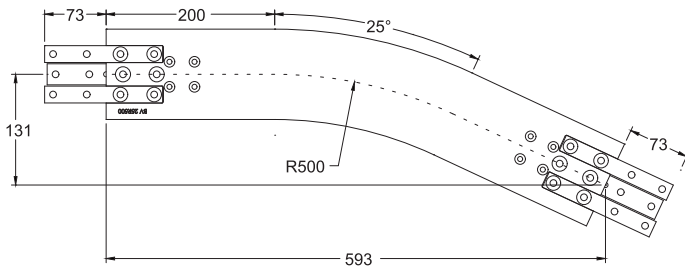
Item Code	Weight	Supply
MF2 BV 7R500	7.9 kg	1 unit



### Vertical Bend, 15°

Effective track length:  
 R500: 0.53m 1-way (1.06m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

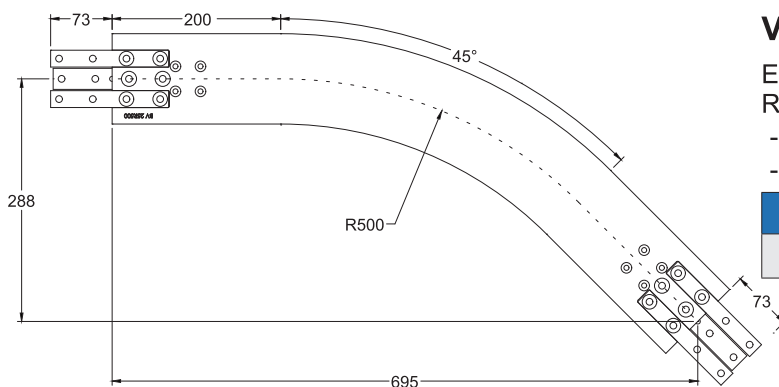
Item Code	Weight	Supply
MF2 BV 15R500	8.2 kg	1 unit



### Vertical Bend, 25°

Effective track length:  
 R500: 0.62m 1-way (1.24m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

Item Code	Weight	Supply
MF2 BV 25R500	8.8 kg	1 unit



### Vertical Bend, 45°

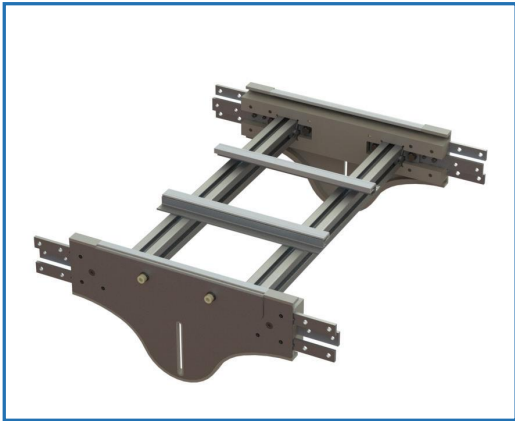
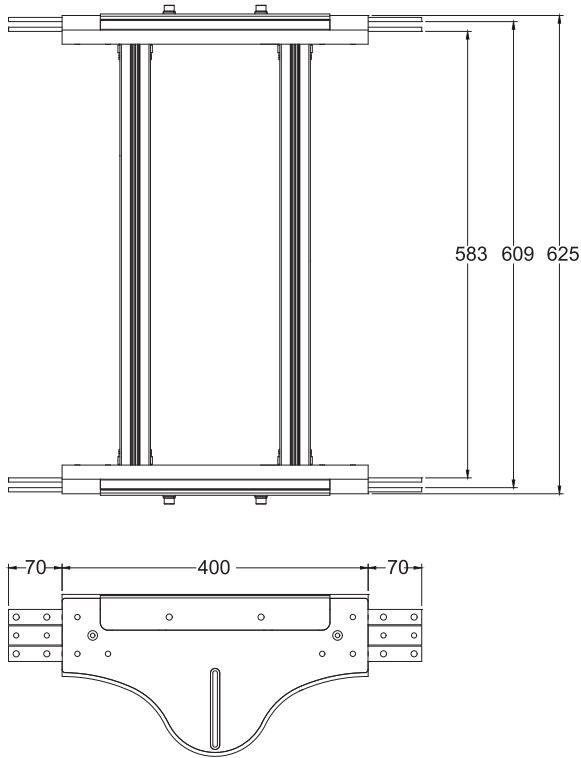
Effective track length:  
 R500: 0.84m 1-way (1.68m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

Item Code	Weight	Supply
MF2 BV 45R500	9.2 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

**Belt Elongation Section MF2**



- To be used with straight plastic belt (zero gap).
- Slide rail, connecting strip and set screw included.

Item Code	Weight	Supply
MF2 CSS 400	9.3 kg	1 unit

Please consult MODU representative for further information and assistance.

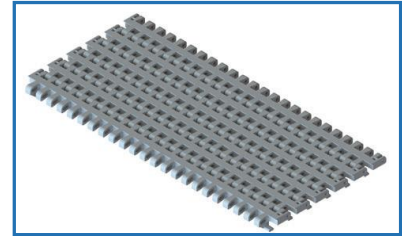
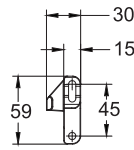
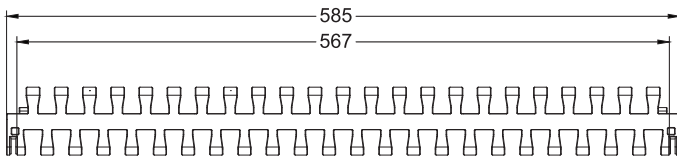
Units: Dimension (mm)



## MODU MF2 SERIES - BOTTOM TAB COMPONENTS

### Bottom Tab (BT) Belt MF2

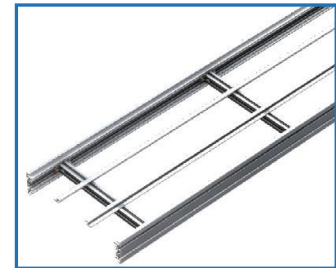
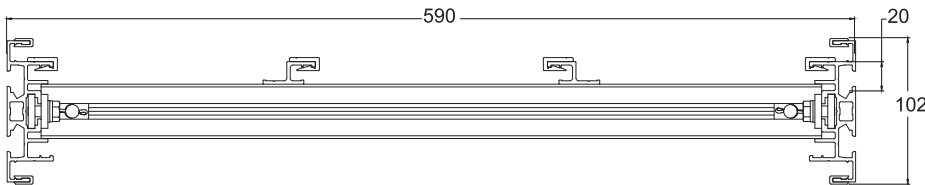
#### Plastic Plain Curve Belt (Bottom Tab)



- 8.5mm belt gap.
- Suitable for conveyor configuration with incline/decline up to 7°.
- Accumulation possible.

Item Code	Material	Color	Weight	Supply
MF2 CP 5 BT	POM	White	35.4kg/roll	5m/roll
MF2 CP 5 BT P	PP	White	24.8kg/roll	5m/roll

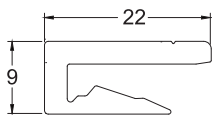
### Conveyor Beam (BT) MF2



Item Code	Weight	Supply
MF2 CB 3 BT	21.0 kg	3m / beam

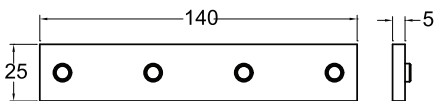
### Accessories MF2

#### Slide Rail



Item Code	Material	Color	Weight	Supply
MA2 SR 25	HDPE	Pure White	2.8 kg	25m/roll
MA2 SR 25A	Anti-Static	Grey	2.8 kg	25m/roll

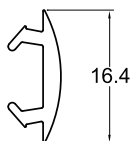
#### Connecting Strip



- 4 pcs M8 set screw included.

Item Code	Weight	Supply
MA CS 20x140	1.1 kg	10 pcs/pkt

#### T-Slot Cover



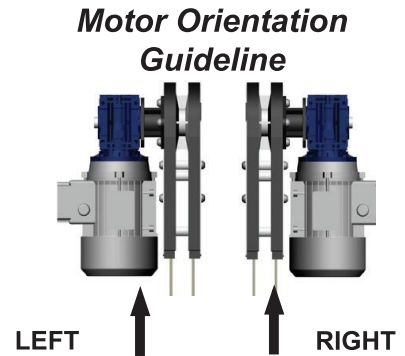
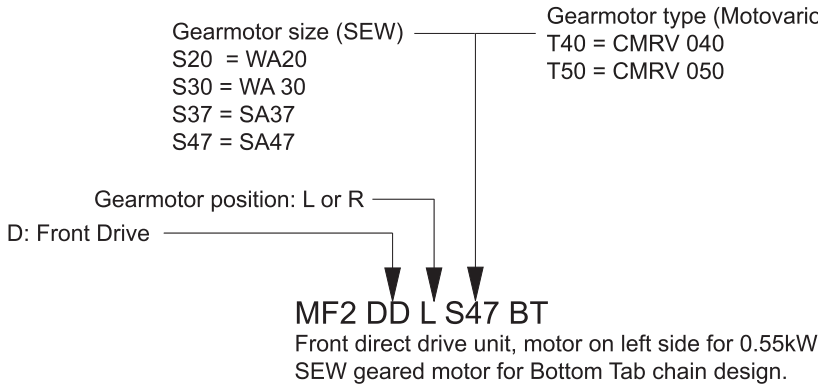
Item Code	Material	Color	Weight	Supply
MB SC 25T	TPE	Grey	1.5 kg	25m/roll
MB SC 25P	PVC	Light Grey	1.3 kg	25m/roll

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

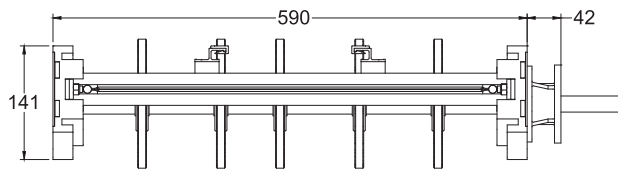
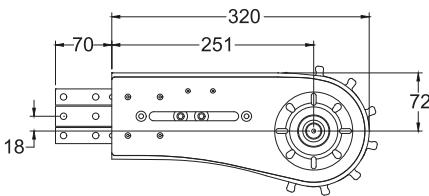
# MODU MF2 SERIES - BOTTOM TAB DRIVE & IDLER END

## Drive Units (BT) MF2



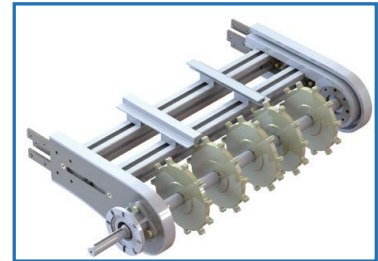
Example. Code for Basic unit;  
**MF2 DD R S47 BT** => Front drive unit for bottom tab chain, motor on right side for SEW SA47 gearmotor.

## Front Drive Unit

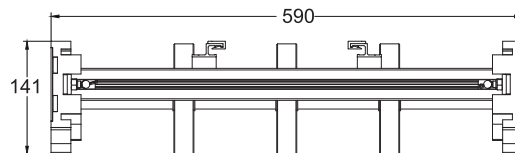
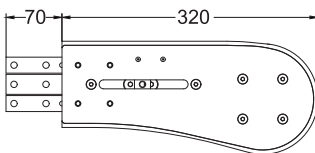


- Effective track length: 0.8m
- Traction force: 1900N
- Connecting strip and set screw included.
- Built in with CIS

Item Code	Description	Weight	Supply
MF2 DD R/L S/T BT	Basic drive unit	12.0 kg	1 unit

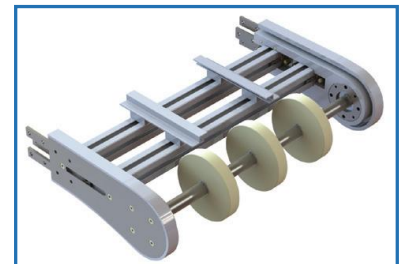


## Idler Unit (BT) MF2



- Effective track length: 0.8m
- Connecting strip and set screw included.
- Built in with CIS

Item Code	Description	Weight	Supply
MF2 IE 320 BT	Basic drive unit	11.3 kg	1 unit

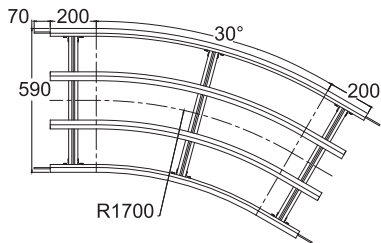


Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

## MODU MF2 SERIES - BOTTOM TAB PLAIN BEND

### Horizontal Plain Bend (BT) MF2

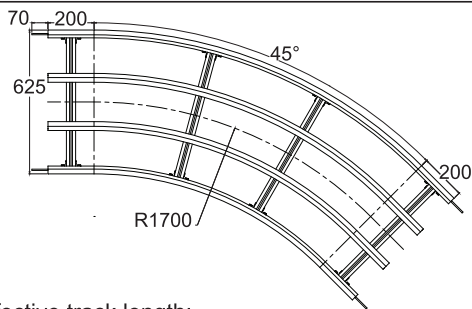


Effective track length:  
R1700: 1.29m 1-way (2.58m 2-way)

#### Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
MF2 BP 30R1700 BT	1700 mm	11.5 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

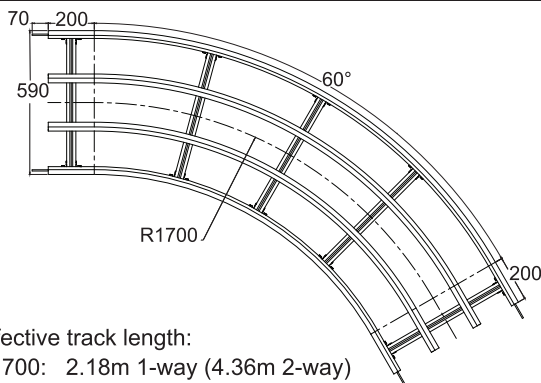


Effective track length:  
R1700: 1.74m 1-way (3.48m 2-way)

#### Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
MF2 BP 45R1700 BT	1700 mm	15.2 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

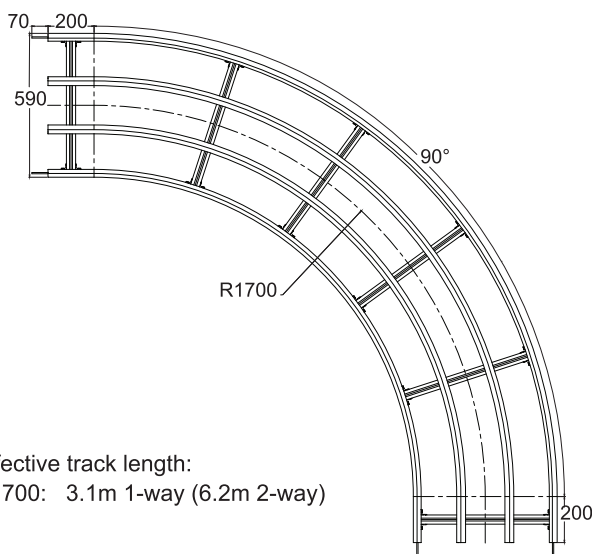


Effective track length:  
R1700: 2.18m 1-way (4.36m 2-way)

#### Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
MF2 BP 60R1700 BT	1700 mm	19.0 kg	1 unit

Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.



Effective track length:  
R1700: 3.1m 1-way (6.2m 2-way)

#### Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
MF2 BP 90R1700 BT	1700 mm	25.1 kg	1 unit

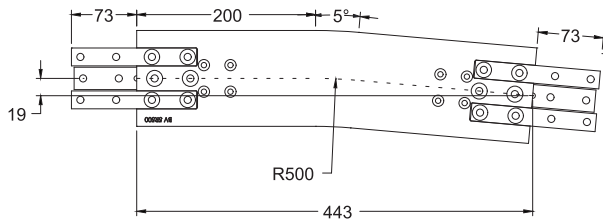
Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10$ mm  
- Connecting strip and set screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

## MODU MF2 SERIES - BOTTOM TAB VERTICAL BEND

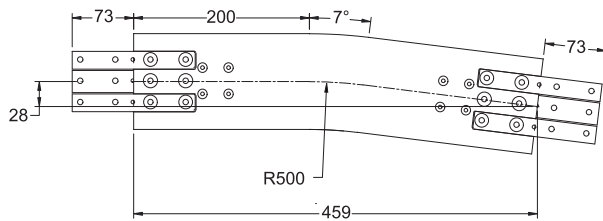
### Vertical Bend (BT) MF2



#### Vertical Bend, 5°

Effective track length:  
 R500: 0.44m 1-way (0.88m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

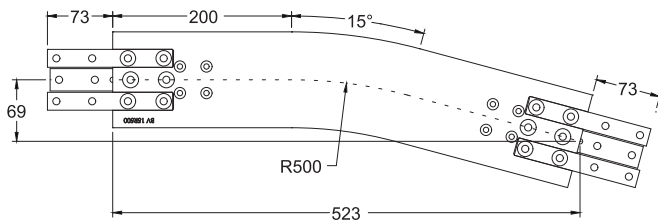
Item Code	Weight	Supply
MF2 BV 5R500 BT	7.6 kg	1 unit



#### Vertical Bend, 7°

Effective track length:  
 R500: 0.46m 1-way (0.92m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

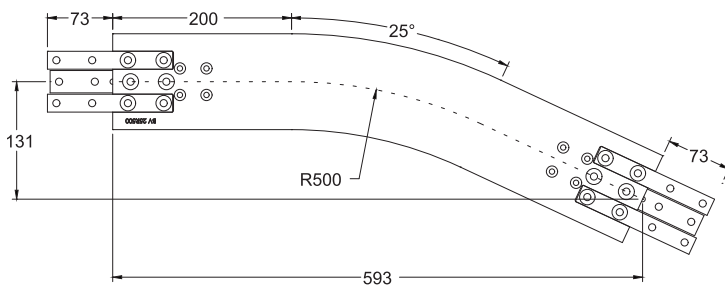
Item Code	Weight	Supply
MF2 BV 7R500 BT	8.2 kg	1 unit



#### Vertical Bend, 15°

Effective track length:  
 R500: 0.53m 1-way (1.06m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

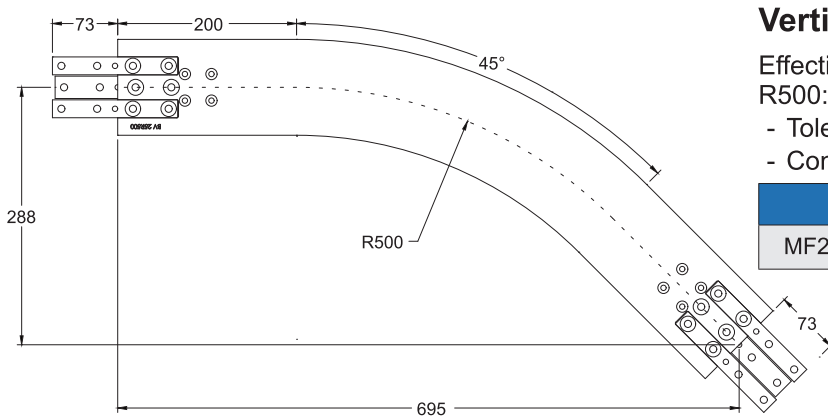
Item Code	Weight	Supply
MF2 BV 15R500 BT	8.2 kg	1 unit



#### Vertical Bend, 25°

Effective track length:  
 R500: 0.62m 1-way (1.24m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

Item Code	Weight	Supply
MF2 BV 25R500 BT	8.8 kg	1 unit



#### Vertical Bend, 45°

Effective track length:  
 R500: 0.84m 1-way (1.68m 2-way)  
 - Tolerance:  $\pm 2^\circ$  & Radius:  $\pm 10\text{mm}$   
 - Connecting strip and set screw included.

Item Code	Weight	Supply
MF2 BV 45R500 BT	9.2 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)