

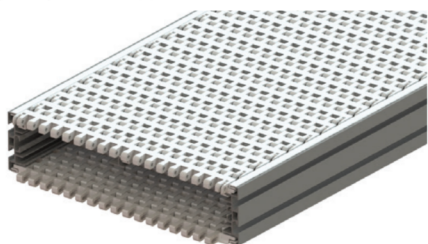
MODU MR2 CONVEYOR SERIES

- 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	438 mm
Chain Pitch	45.0 mm
Chain Weight	5.3 kg/m
Chain Working Tension (Max) With Bend Without Bend	1800 N 1900 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	1900 N
Item Width*	<600 mm

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

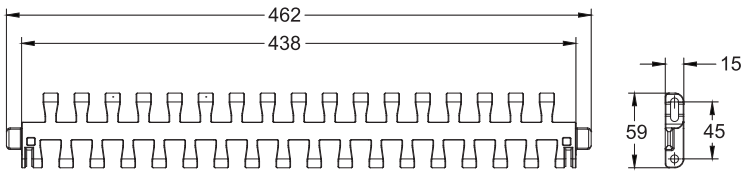


Chain Width 438 mm

Contents

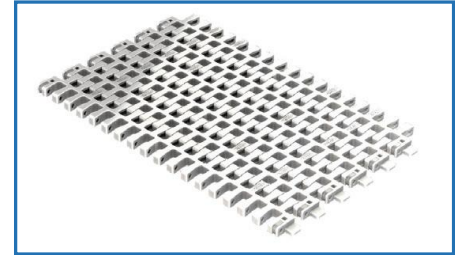
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Belt MR2

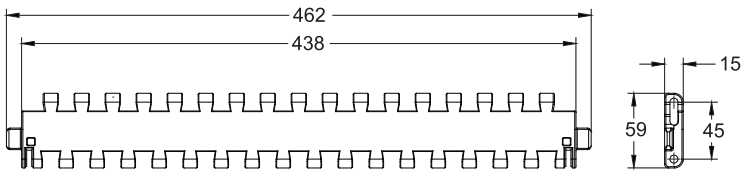


Plastic Plain Curve Belt

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

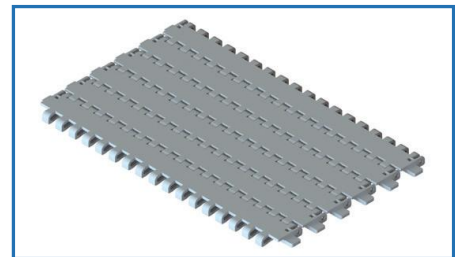


Item Code	Material	Color	Weight	Supply
MR2 CP 5	POM	White	26.4 kg/roll	5m/roll
MR2 CP 5 P	PP	White	18.5 kg/roll	5m/roll

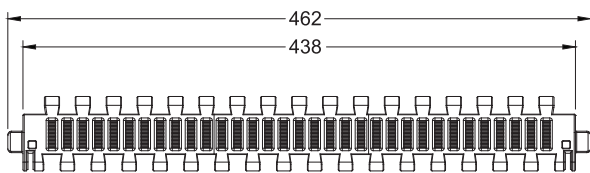


Plastic Plain Straight Belt

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

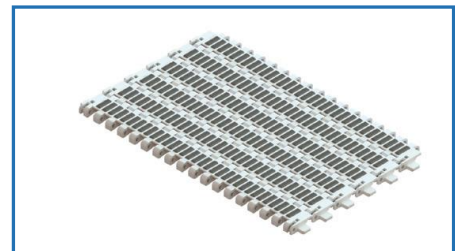


Item Code	Material	Color	Weight	Supply
MR2 CP 5 ZG	POM	White	28.6 kg/roll	5m/roll
MR2 CP 5 ZG P	PP	White	20.0 kg/roll	5m/roll



Friction Belt

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

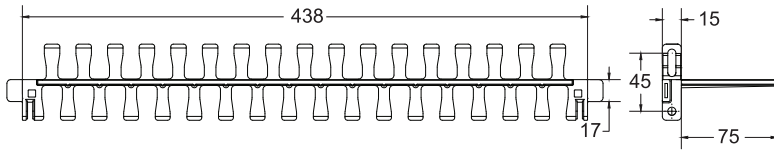
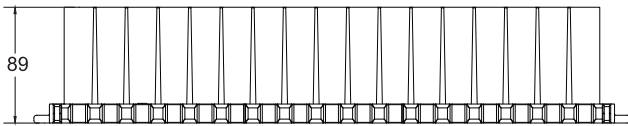


Item Code	Material	Color	Weight	Supply
MR2 CF 5 ZG	PP	White	29.2 kg/roll	5m/roll

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - BELT



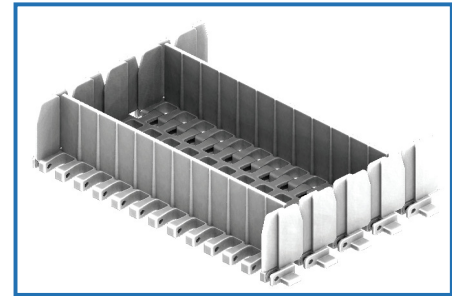
*P
Please specify pitch between cleat for ordering
(eg. MR2 CC 3x75 3P ; 3P= Every 3rd link to be cleated).

Item Code	Material	Color	Weight	Supply
MR2 CC 3x75 *P	POM	White	** kg/pc	1 pc

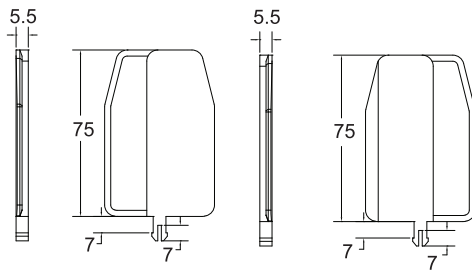
* Non-standard height are available upon request but cleat material will be different.

Plastic Cleated Link

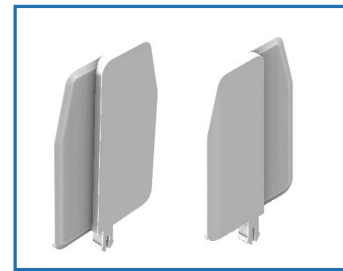
- Required for vertical or steeply inclined / declined conveyor.
- Accumulation not possible.
- Supply in pieces without side guide.



* 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 MR2

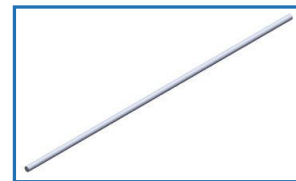
Lubricant For Belt



Silicone-based lubricant,
400ml

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

Belt Pin



Item Code	Material	Weight	Supply
MR2 PC	POM	0.14 kg	10 pcs / pkt

Belt Lock



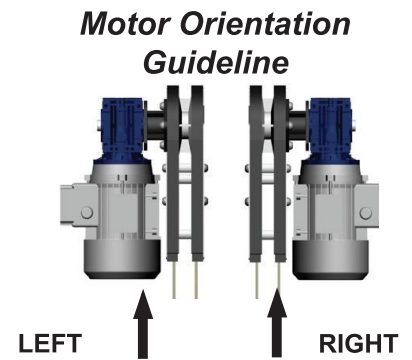
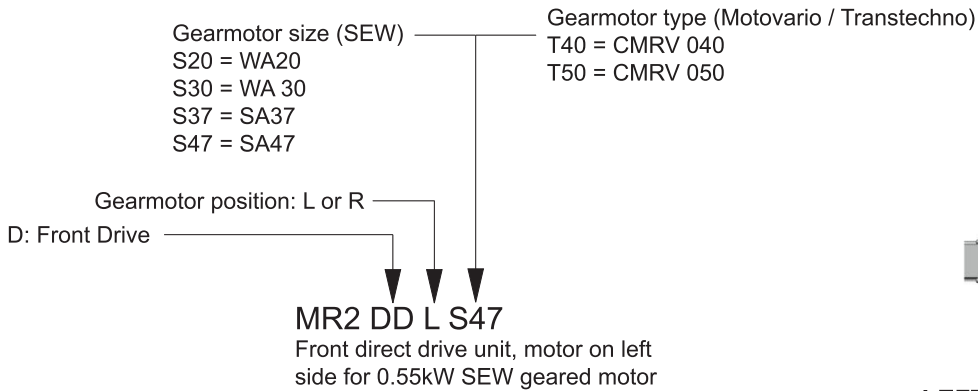
Item Code	Material	Color	Weight	Supply
MT2 BL	POM	White	0.07 kg	10 pcs / pkt

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

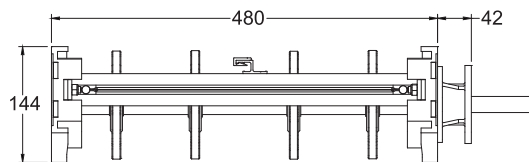
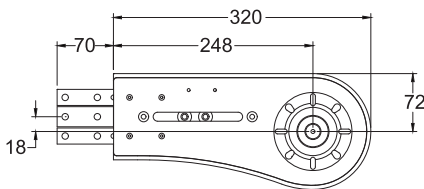
MODU MR2 SERIES - DRIVE & IDLER UNIT

Drive Units MR2

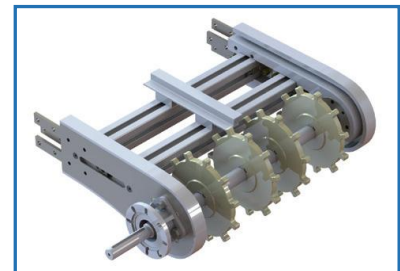


Example. Code for Basic unit;
MR2 DD R S47 => Front drive unit, motor on right side for SEW SA47 gearmotor.

Front Drive Unit

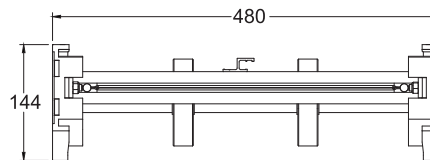
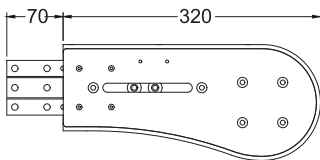


- Effective track length: 0.8m
- Traction force: 1900N
- Connecting strip and set screw included.
- Built in with CIS

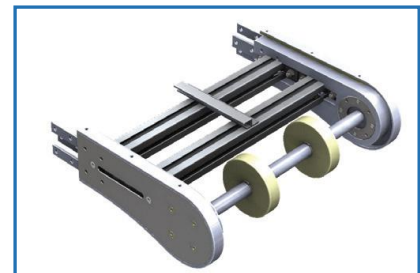


Item Code	Description	Weight	Supply
MR2 DD R/L S/T	Basic drive unit	10.4 kg	1 unit

Idler Unit MR2



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



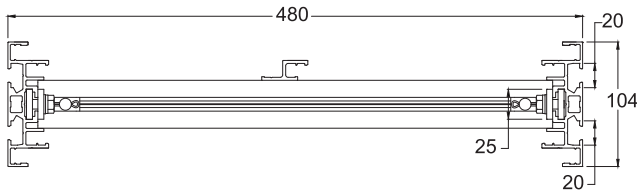
Item Code	Description	Weight	Supply
MR2 IE 320	Basic idler unit	9.8 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - BEAM AND ACCESSORIES

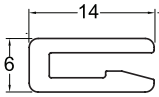
Conveyor Beam MR2



Item Code	Weight	Supply
MR2 CB 3	20.4 kg	3m / beam

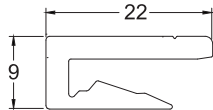
Accessories MR2

Slide Rail



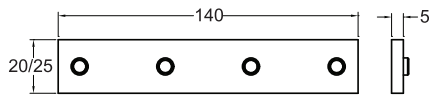
Item Code	Material	Color	Weight	Supply
MS SR 25	HDPE	Semi-Transparent White	1.2 kg	25m/roll
MS SR 25A	Anti-Static	Grey	1.2 kg	25m/roll

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

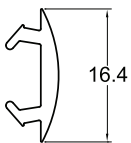
Connecting Strip



- 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



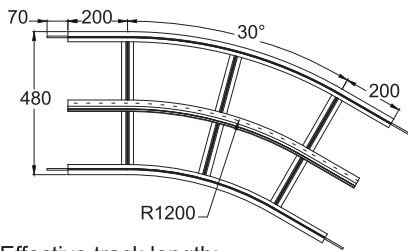
Item Code	Weight	Supply
MT2 SRA	0.4 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - HORIZONTAL PLAIN BEND

Horizontal Plain Bend MR2

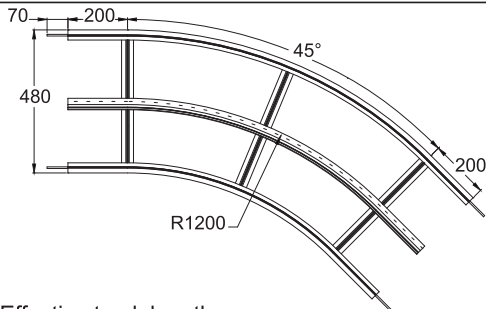


Effective track length:
R1200: 1.03m 1-way (2.06m 2-way)

Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
MR2 BP 30R1200	1200 mm	8.9 kg	1 unit

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

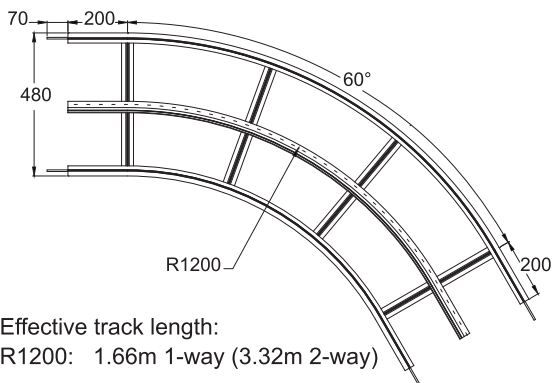


Effective track length:
R1200: 1.35m 1-way (2.70m 2-way)

Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
MR2 BP 45R1200	1200 mm	10.5 kg	1 unit

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

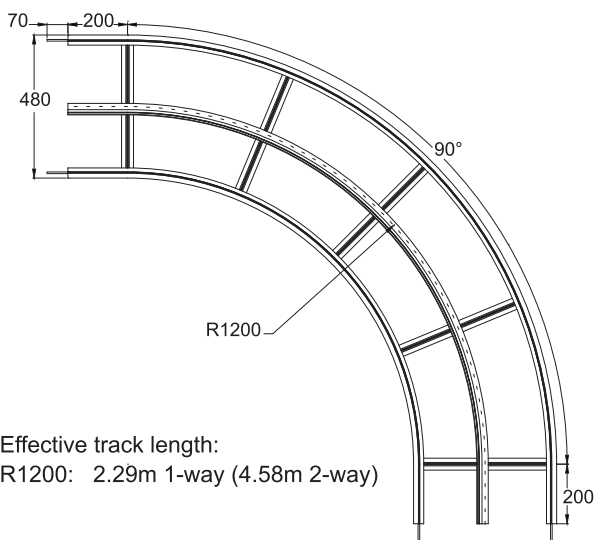


Effective track length:
R1200: 1.66m 1-way (3.32m 2-way)

Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
MR2 BP 60R1200	1200 mm	13.2 kg	1 unit

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



Effective track length:
R1200: 2.29m 1-way (4.58m 2-way)

Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
MR2 BP 90R1200	1200 mm	16.2 kg	1 unit

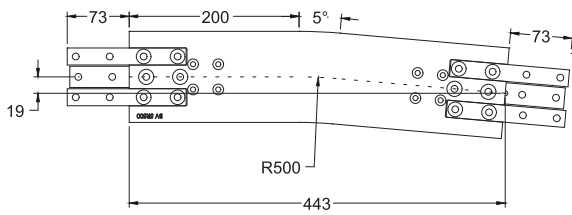
Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and set screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - VERTICAL BEND

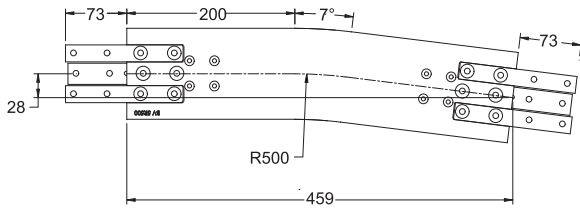
Vertical Bend MR2



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.

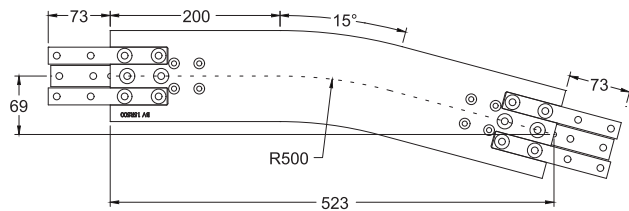
Item Code	Weight	Supply
MR2 BV 5R500	6.6 kg	1 unit



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.

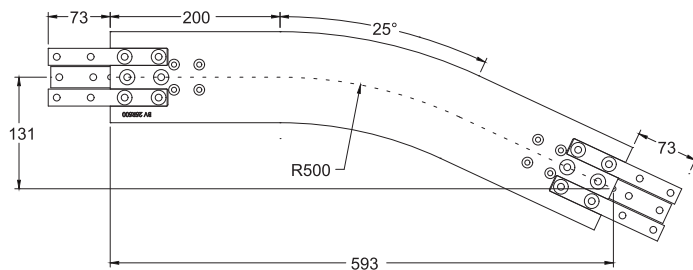
Item Code	Weight	Supply
MR2 BV 7R500	6.9 kg	1 unit



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.

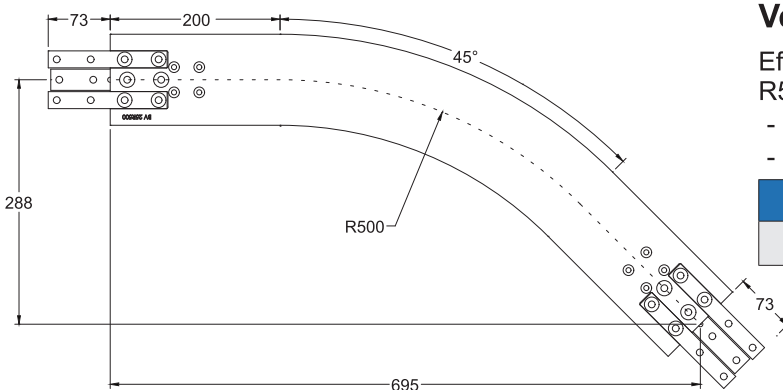
Item Code	Weight	Supply
MR2 BV 15R500	7.2 kg	1 unit



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
MR2 BV 25R500	7.8 kg	1 unit



Vertical Bend, 45°

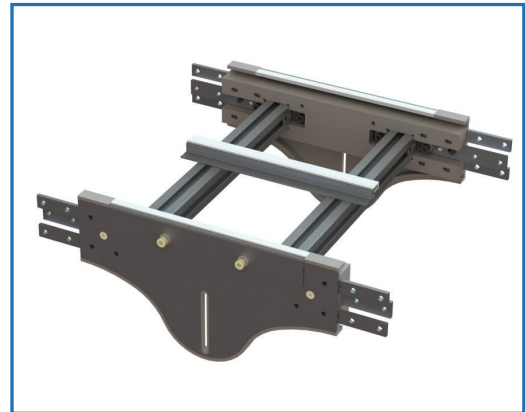
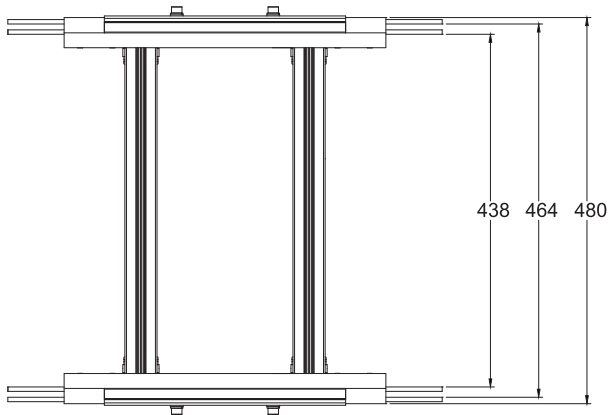
Effective track length:
 R500: 0.84m 1-way (1.68m 2-way)
 - Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
 - Connecting strip and set screw included.

Item Code	Weight	Supply
MR2 BV 45R500	8.2 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

Belt Elongation Section MR2

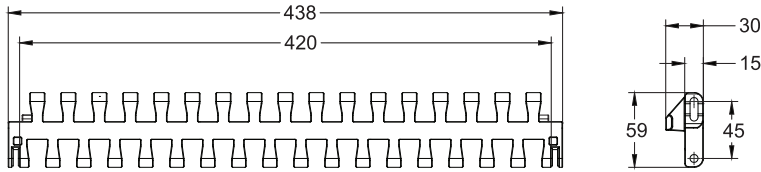


- To be used with straight plastic belt (zero gap).
- Slide rail, connecting strip and set screw included.

Item Code	Weight	Supply
MR2 CSS 400	8.3 kg	1 unit

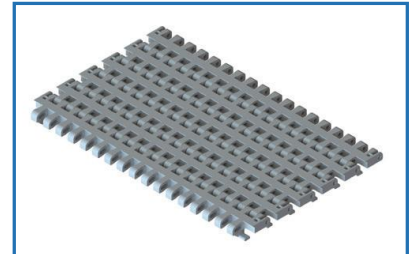
MODU MR2 SERIES - BOTTOM TAB COMPONENTS

Bottom Tab (BT) Belt MR2



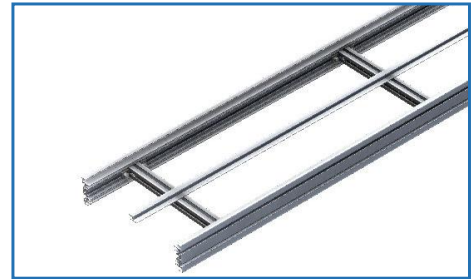
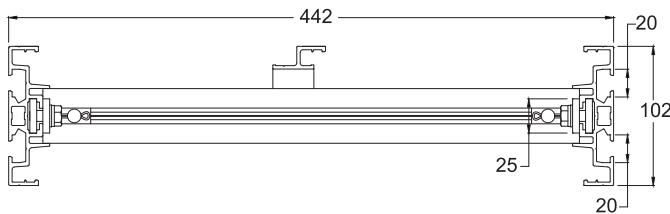
Plastic Plain Curve Belt (Bottom Tab)

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



Item Code	Material	Color	Weight	Supply
MR2 CP 5 BT	POM	White	26.4kg/roll	5m/roll
MR2 CP 5 BT P	PP	White	18.5kg/roll	5m/roll

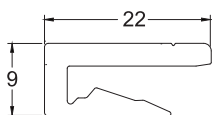
Conveyor Beam (BT) MR2



Item Code	Weight	Supply
MR2 CB 3 BT	20.4 kg	3m / beam

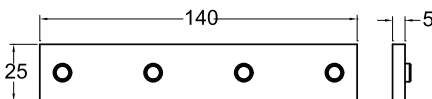
Accessories MR2

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

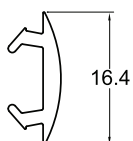
Connecting Strip



- 4 pcs M8 set screw included.

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

T-Slot Cover



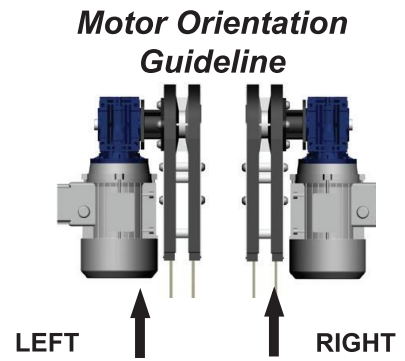
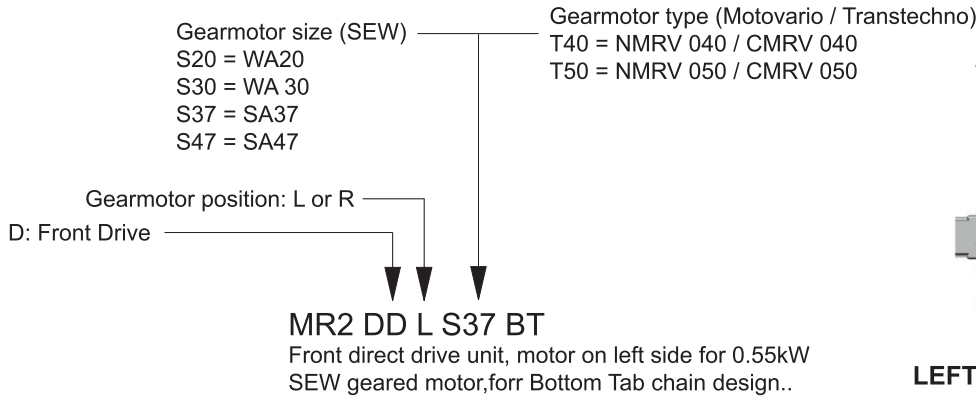
Item Code	Material	Color	Weight	Supply
MB SC 25T	TPE	Grey	1.5 kg	25m/roll
MB SC 25P	PVC	Light Grey	1.3 kg	25m/roll

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

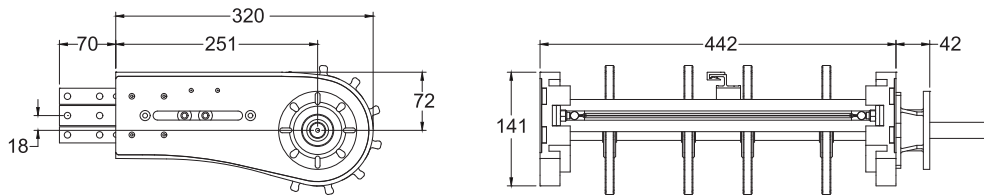
MODU MR2 SERIES - BOTTOM TAB DRIVE & IDLER END

Drive Units (BT) MR2

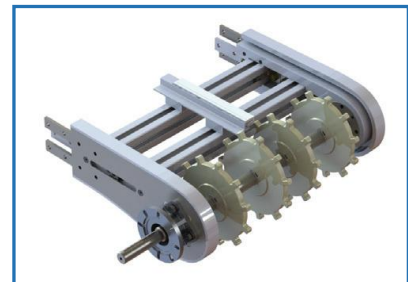


Example. Code for Basic unit;
MR2 DD R S47 BT => Front drive unit for bottom tab chain, motor on right side for SEW SA47 gearmotor.

Front Drive Unit

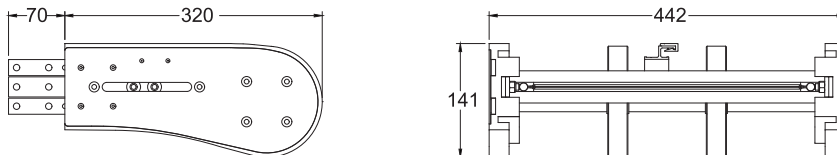


- Effective track length: 0.8m
- Traction force: 1900N
- Connecting strip and set screw included.
- Built in with CIS

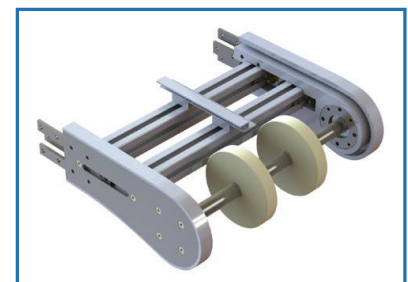


Item Code	Description	Weight	Supply
MR2 DD R/L S/T BT	Basic drive unit	10.4 kg	1 unit

Idler Unit (BT) MR2



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



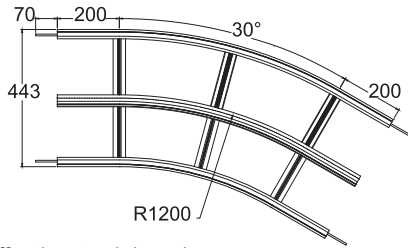
Item Code	Description	Weight	Supply
MR2 IE 320 BT	Basic drive unit	8.3 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - BOTTOM TAB PLAIN BEND

Horizontal Plain Bend (BT) MR2

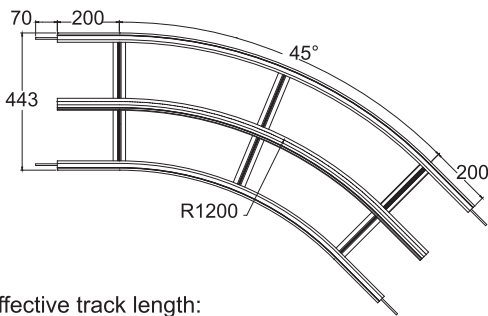


Effective track length:
R1200: 1.03m 1-way (2.06m 2-way)

Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
MR2 BP 30R1200 BT	1200 mm	8.9 kg	1 unit

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

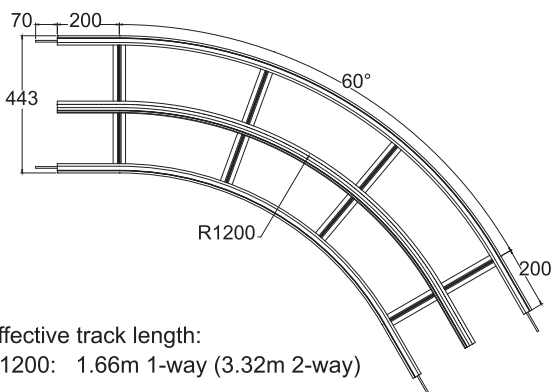


Effective track length:
R1200: 1.35m 1-way (2.70m 2-way)

Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
MR2 BP 45R1200 BT	1200 mm	10.5 kg	1 unit

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

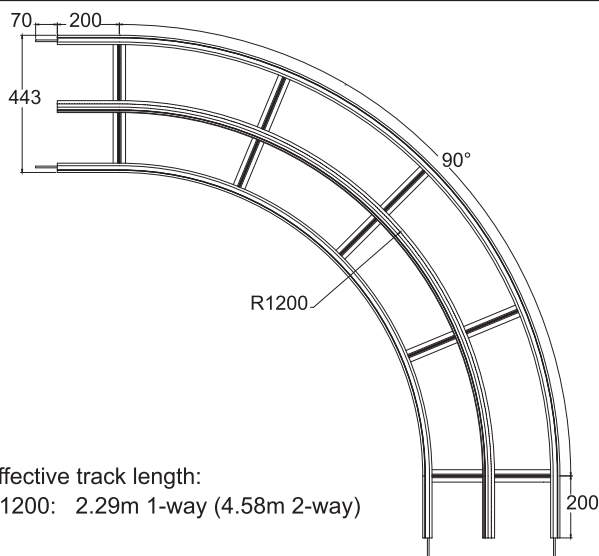


Effective track length:
R1200: 1.66m 1-way (3.32m 2-way)

Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
MR2 BP 60R1200 BT	1200 mm	13.2 kg	1 unit

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



Effective track length:
R1200: 2.29m 1-way (4.58m 2-way)

Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
MR2 BP 90R1200 BT	1200 mm	16.2 kg	1 unit

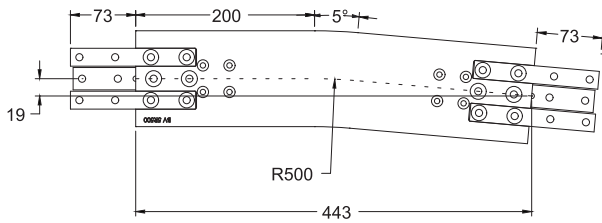
Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and set screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MR2 SERIES - BOTTOM TAB VERTICAL BEND

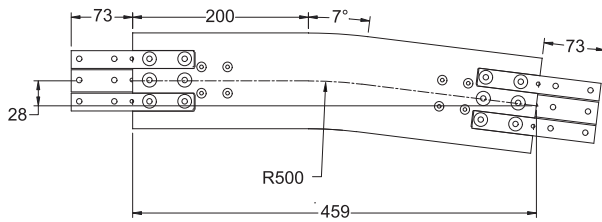
Vertical Bend (BT) MR2



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.

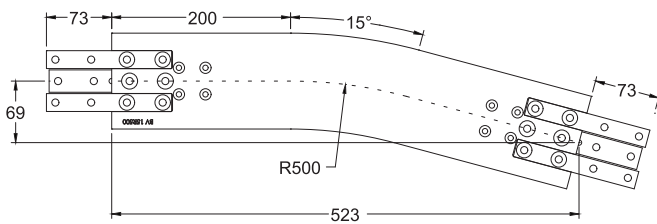
Item Code	Weight	Supply
MR2 BV 5R500 BT	6.6 kg	1 unit



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.

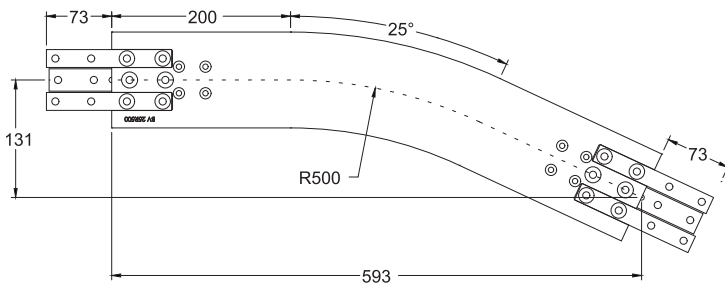
Item Code	Weight	Supply
MR2 BV 7R500 BT	6.9 kg	1 unit



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.

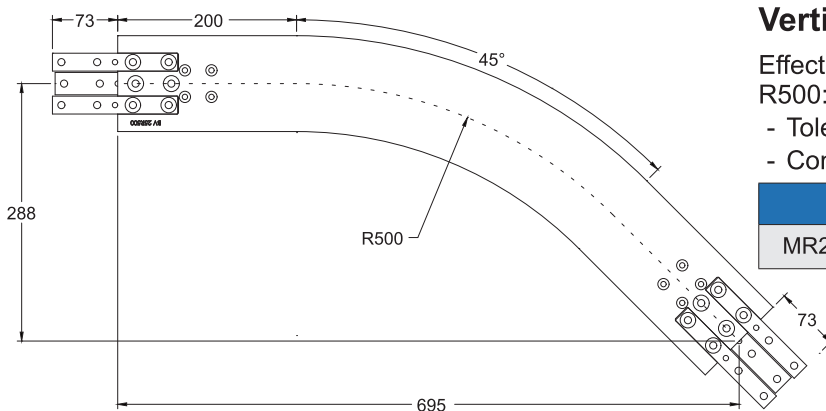
Item Code	Weight	Supply
MR2 BV 15R500 BT	7.2 kg	1 unit



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
MR2 BV 25R500 BT	7.8 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
MR2 BV 45R500 BT	8.2 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)