

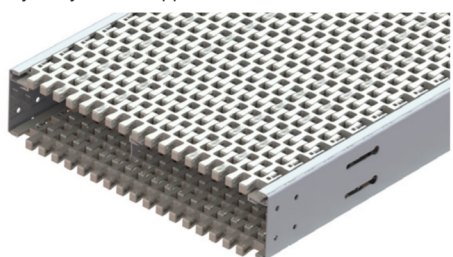
MODU DR2 CONVEYOR SERIES

- 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.

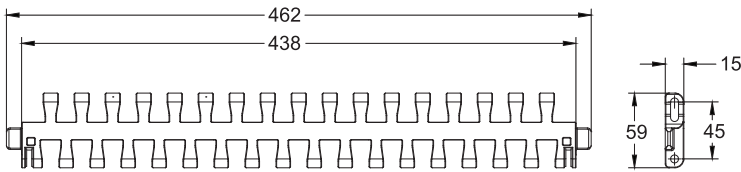


Chain Width 438 mm

Contents

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Belt MR2

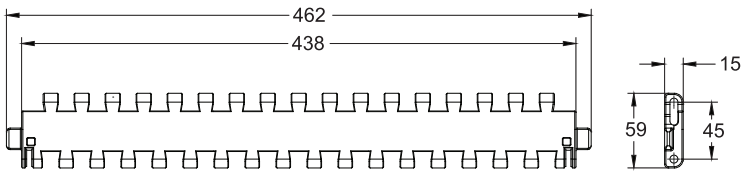


Plastic Plain Curve Belt

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

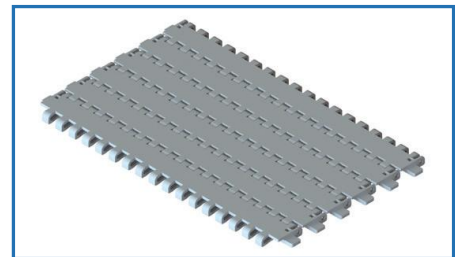


Item Code	Material	Color	Weight	Supply
MR2 CP 5	POM	White	26.4 kg/roll	5m/roll
MR2 CP 5 P	PP	White	18.5 kg/roll	5m/roll

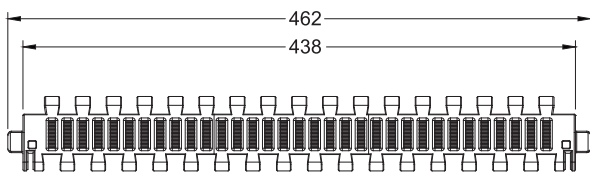


Plastic Plain Straight Belt

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

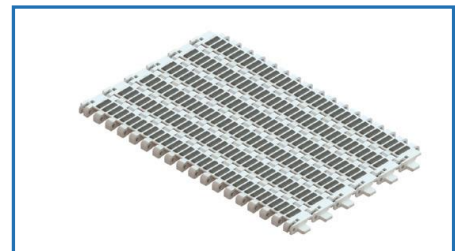


Item Code	Material	Color	Weight	Supply
MR2 CP 5 ZG	POM	White	28.6 kg/roll	5m/roll
MR2 CP 5 ZG P	PP	White	20.0 kg/roll	5m/roll



Friction Belt

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

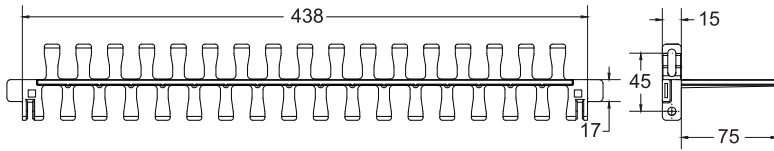
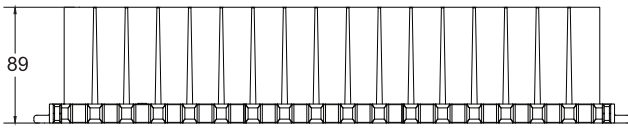


Item Code	Material	Color	Weight	Supply
MR2 CF 5 ZG	PP	White	29.2 kg/roll	5m/roll

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU DR2 SERIES - BELT



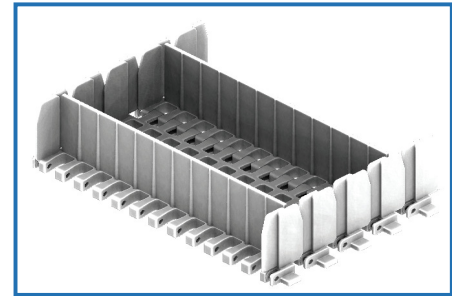
*P
Please specify pitch between cleat for ordering
(eg. MR2 CC 3x75 3P ; 3P= Every 3rd link to be cleated).

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

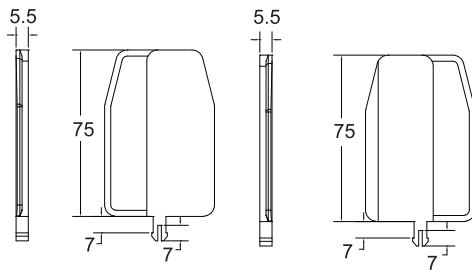
* Non-standard height are available upon request but cleat material will be different.

Plastic Cleated Link

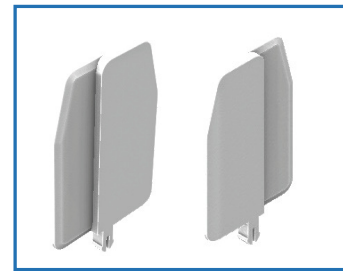
- Required for vertical or steeply inclined / declined conveyor.
- Accumulation not possible.
- Supply in pieces without side guide.



* 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

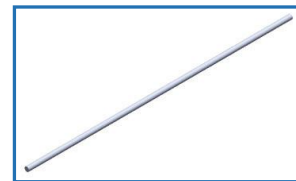
Lubricant For Belt



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



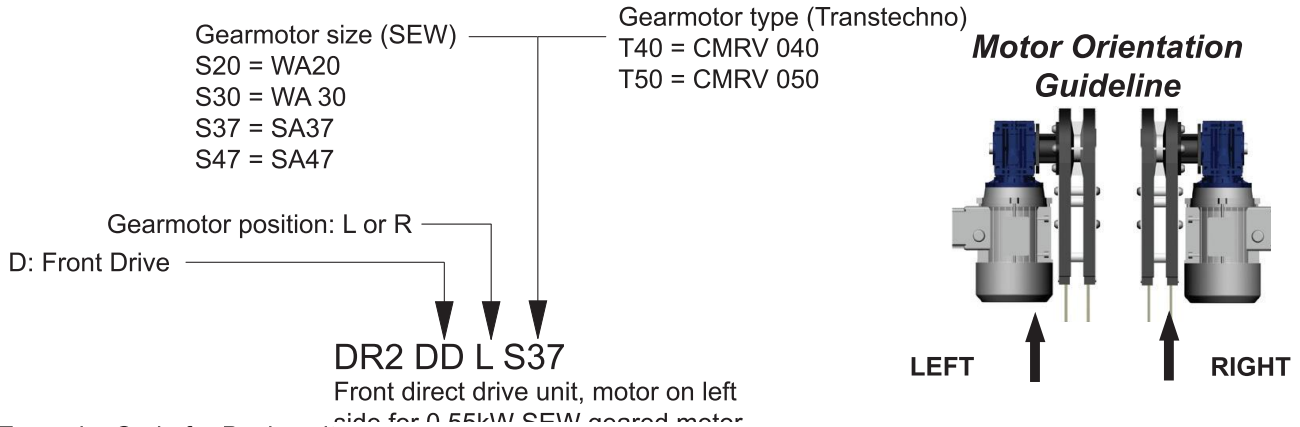
Item Code	Material	Color	Weight	Supply
MT2 BL	POM	White	0.07 kg	10 pcs / pkt

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

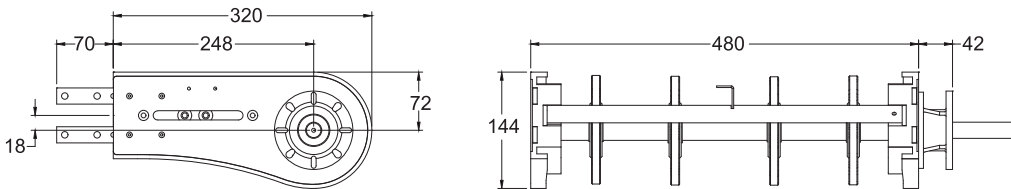
MODU DR2 SERIES - DRIVE & IDLER UNIT

Drive Units DR2

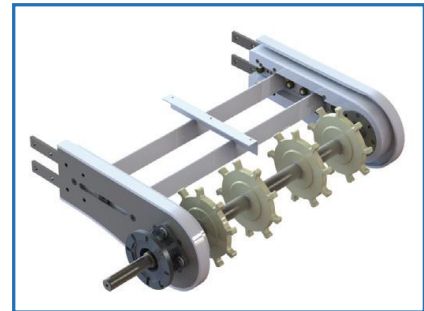


Example. Code for Basic unit;
DR2 DD R S47 => Front drive unit, motor on right side for SEW SA47 gearmotor.

Front Drive Unit

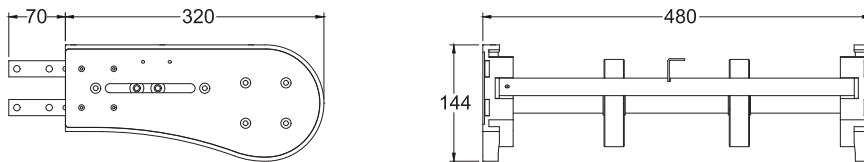


- Effective track length: 0.8m
- Traction force: 1900N
- Connecting strip and M8 hex screw included.
- Built in with CIS

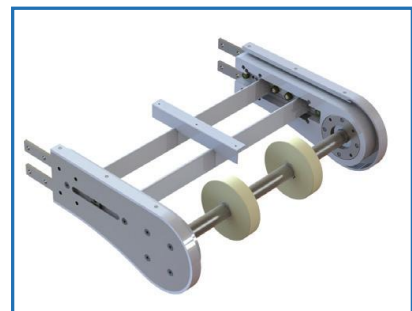


Item Code	Description	Weight	Supply
DR2 DD R/L S/T	Basic drive unit	10.4 kg	1 unit

Idler Unit DR2



- Effective track length: 0.8m
- Connecting strip and M8 hex screw included.
- Built in with CIS



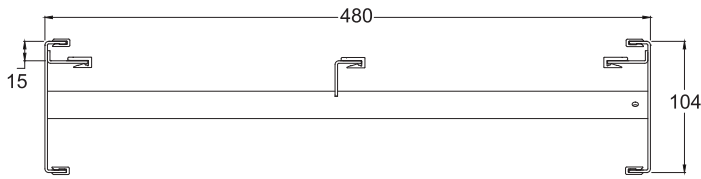
Item Code	Description	Weight	Supply
DR2 IE 320	Basic idler unit	9.8 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU DR2 SERIES - BEAM AND ACCESSORIES

Conveyor Beam DR2

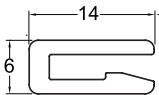


Item Code	Weight	Supply
DR2 CB 2.4	20.4 kg	2.4m / beam
DR2 CB L	**L kg	L / beam

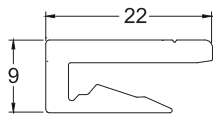
- Available length:
 L = between 100, 200mm up 1200mm
 - eg: for 500mm beam, part number is DR2 CB 0.5
 - if beam required is 1.8m, then L = 1.2m + 0.6m
 (order part number = DR2 CB 1.2 & DR2 CB 0.6)

Accessories DR2

Slide Rail

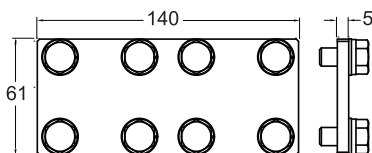


Item Code	Material	Color	Weight	Supply
MS SR 25	HDPE	Semi-Transparent White	1.2 kg	25m/roll
MS SR 25A	Anti-Static	Grey	1.2 kg	25m/roll

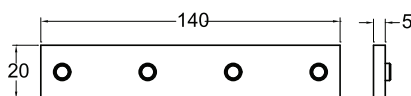


Item Code	Material	Color	Weight	Supply
MA2 SR 25	HDPE	Semi-Transparent White	2.8 kg	25m/roll
MA2 SR 25A	Anti-Static	Grey	2.8 kg	25m/roll

Connecting Strip



Item Code	Weight	Supply
DA CS 61x140	4.0 kg	10 pcs/pkt



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

- M8 set screw included

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



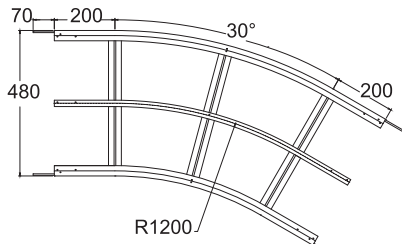
Item Code	Weight	Supply
MT2 SRA	0.4 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU DR2 SERIES - HORIZONTAL PLAIN BEND

Horizontal Plain Bend DR2

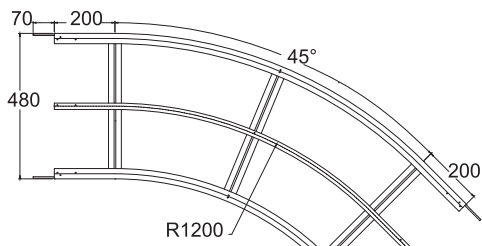


Effective track length:
R1200: 1.03m 1-way (2.06m 2-way)

Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
DR2 BP 30R1200	1200 mm	8.9 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and M8 hex screw included.

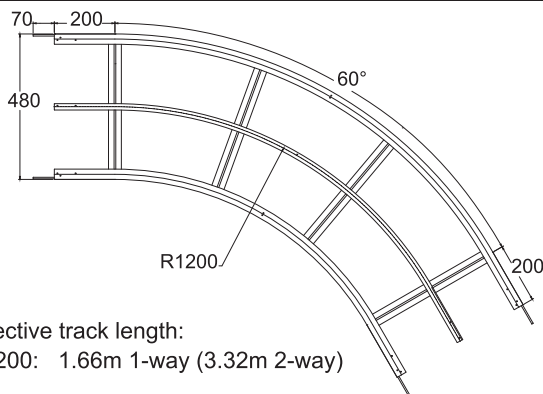


Effective track length:
R1200: 1.35m 1-way (2.70m 2-way)

Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
DR2 BP 45R1200	1200 mm	10.5 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and M8 hex screw included.

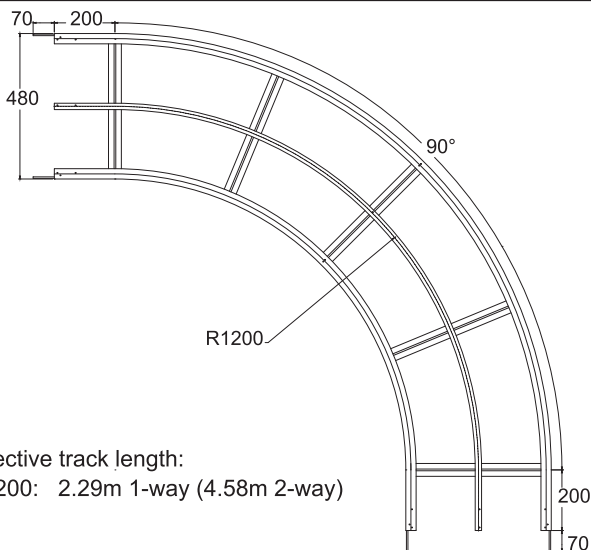


Effective track length:
R1200: 1.66m 1-way (3.32m 2-way)

Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
DR2 BP 60R1200	1200 mm	13.2 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and M8 hex screw included.



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

Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
DR2 BP 90R1200	1200 mm	16.2 kg	1 unit

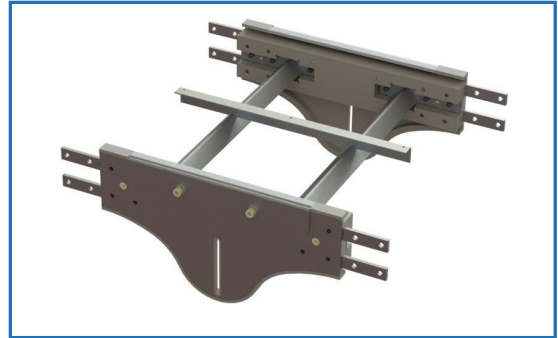
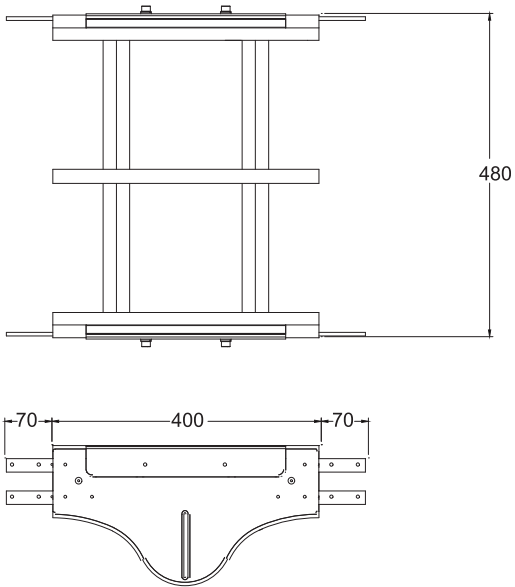
Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and M8 hex screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU DR2 SERIES - COMPONENTS

Belt Elongation Section DR2



- To be used with straight plastic belt (zero gap).
- Slide rail, connecting strip and M8 hex screw included.

Item Code	Weight	Supply
DR2 CSS 400	8.3 kg	1 unit

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

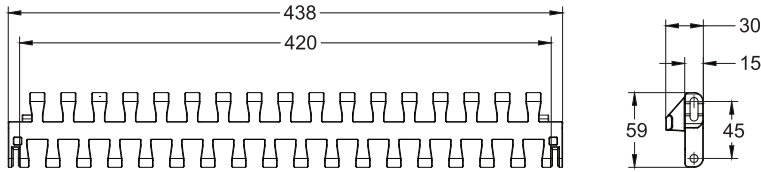
MM

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

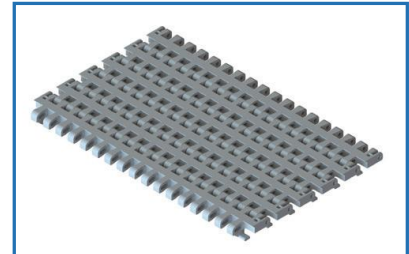
MODU DR2 SERIES - BOTTOM TAB COMPONENTS

Bottom Tab (BT) Belt DR2



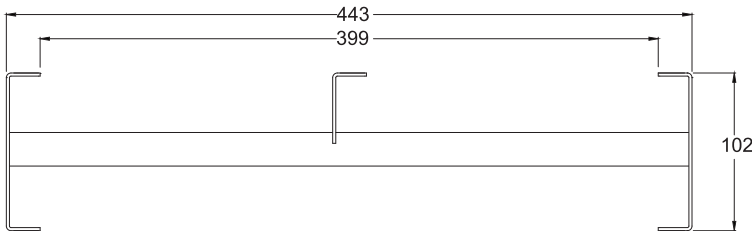
Plastic Plain Curve Belt (Bottom Tab)

- 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 PP	PP	White	18.5kg/roll	5m/roll

Conveyor Beam (BT) DR2

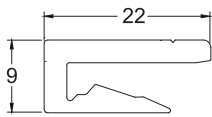


Item Code	Weight	Supply
DR2 CB 2.4 BT	20.4 kg	2.4m / beam
DR2 CB L BT	**L kg	L / beam

- Available length:
L = between 100, 200mm up 1200mm
- eg: for 500mm beam, part number is DR2 CB 0.5 BT
- if beam required is 1.5m, then L = 1.2m + 0.3m
(order part number = DR2 CB 1.2 BT & DR2 CB 0.3 BT)

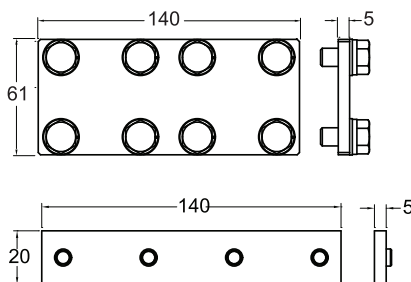
Accessories DR2

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



Item Code	Weight	Supply
DA CS 61x140	4.0 kg	10 pcs/pkt

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

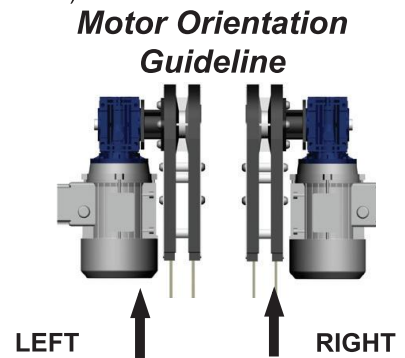
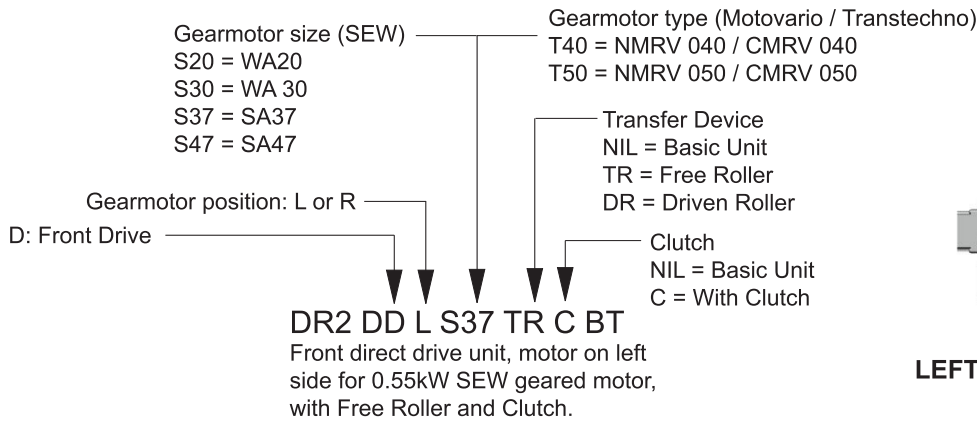
- M8 set screw included

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

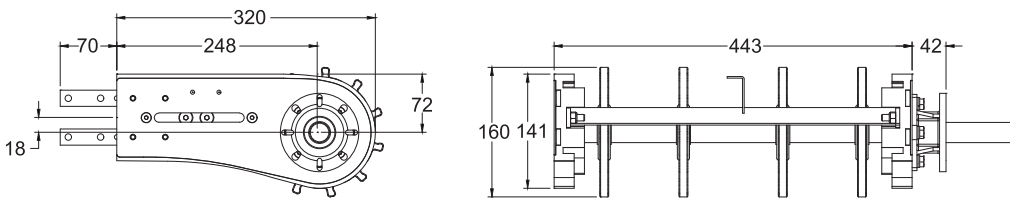
MODU DR2 SERIES - BOTTOM TAB DRIVE & IDLER END

Drive Units (BT) MR2

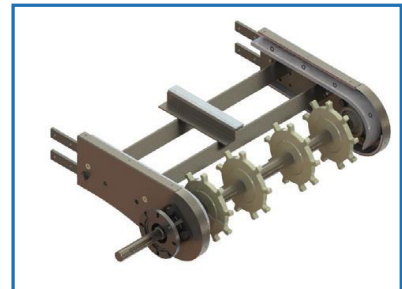


Example. Code for Basic unit;
DR2 DD R S47 BT => Front drive unit for bottom tab chain, motor on right side for SEW SA47 gearmotor.

Front Drive Unit

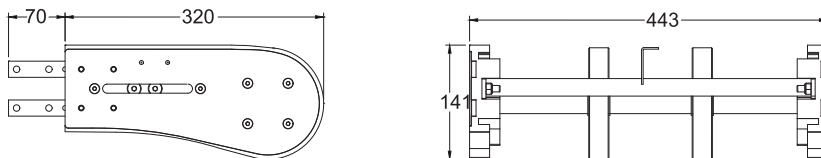


- Effective track length: 0.8m
- Traction force: 1900N
- Connecting strip and M8 hex screw included.
- Built in with CIS

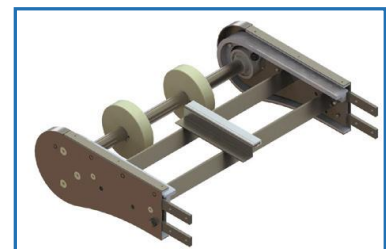


Item Code	Description	Weight	Supply
DR2 DD R/L S/T BT	Basic drive unit	10.4 kg	1 unit

Idler Unit (BT) DR2



- Effective track length: 0.8m
- Connecting strip and M8 hex screw included.
- Built in with CIS



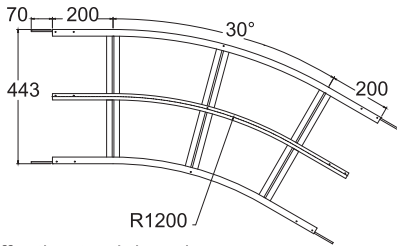
Item Code	Description	Weight	Supply
DR2 IE 320 BT	Basic drive unit	8.3 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU DR2 SERIES - BOTTOM TAB PLAIN BEND

Horizontal Plain Bend (BT) DR2

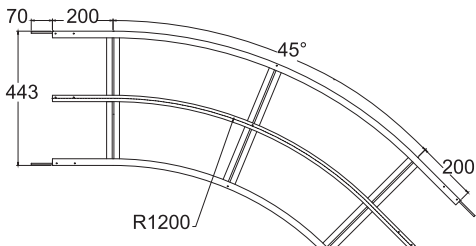


Effective track length:
R1200: 1.03m 1-way (2.06m 2-way)

Horizontal Plain Bend, 30°

Item Code	Radius (R)	Weight	Supply
DR2 BP 30R1200 BT	1200 mm	8.9 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and M8 hex screw included.

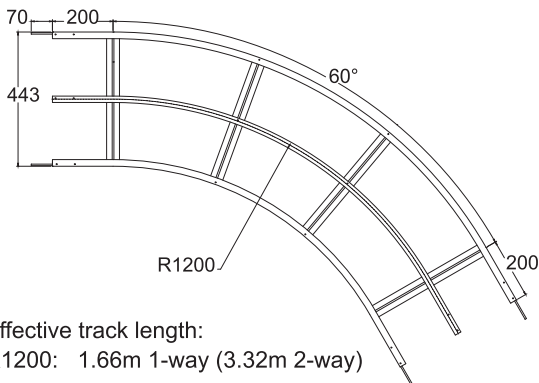


Effective track length:
R1200: 1.35m 1-way (2.70m 2-way)

Horizontal Plain Bend, 45°

Item Code	Radius (R)	Weight	Supply
DR2 BP 45R1200 BT	1200 mm	10.5 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and M8 hex screw included.

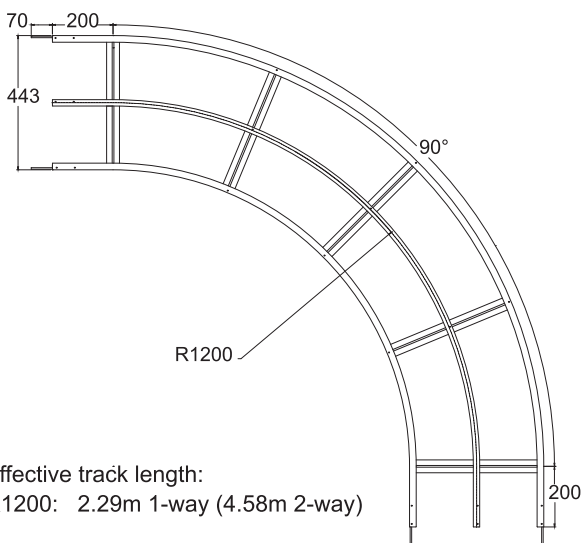


Effective track length:
R1200: 1.66m 1-way (3.32m 2-way)

Horizontal Plain Bend, 60°

Item Code	Radius (R)	Weight	Supply
DR2 BP 60R1200 BT	1200 mm	13.2 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and M8 hex screw included.



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

Horizontal Plain Bend, 90°

Item Code	Radius (R)	Weight	Supply
DR2 BP 90R1200 BT	1200 mm	16.2 kg	1 unit

Tolerance: $\pm 2^\circ$ & Radius: ± 10 mm
- Connecting strip and M8 hex screw included.

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)