

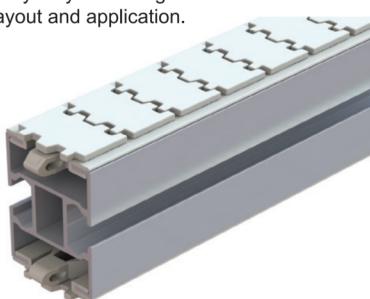
MODU MP

CONVEYOR SERIES

Technical Characteristics

Chain Width	35 mm
Chain Pitch	25.4 mm
Chain Working Tension (Max)	500 N
Max Product Weight*	
Horizontal Transport	7.5 kg
Vertical Transport	5 kg
Total Load*	100 kg
Working Temperature*	-10°C to 60°C
Max Conveyor Length*	20 m
Max speed*	40 m/min
Drive Unit Capacity	500 N
Item Width*	15 - 70 mm

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



Chain Width 35mm

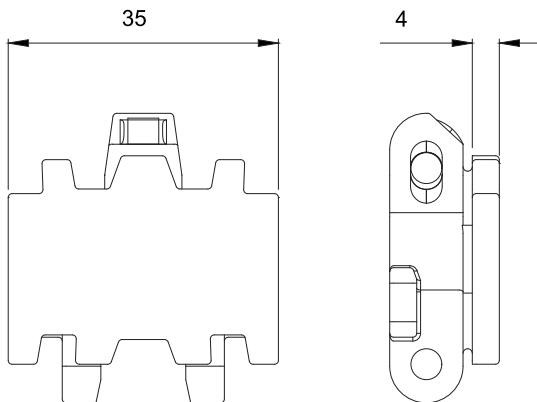


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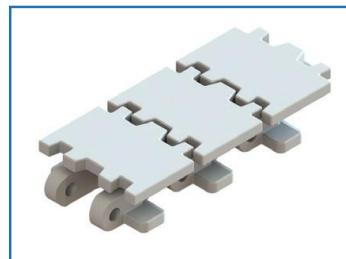
MODU MP SERIES - CHAIN

Chain MP



Plain Chain

- Suitable for conveyor configuration with incline/decline up to 5°.
- Accumulation possible.



Item Code	Material	Color	Weight	Supply
MP CP 5	POM	White	2.1kg/roll	5m/roll

Chain Accessories MP

Lubricant For Chain



Silicone-based lubricant,
400ml

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

Stainless Steel Pin



Item Code	Weight	Supply
MP PN M4x20	0.03 kg	10 pcs / pkt

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MP SERIES - DRIVE UNITS

Drive Units MP

Gearmotor size (SEW) ————— Gearmotor type (Transtechno)
 S20 = WA20 T40 = CMRV 040
 S30 = WA 30 T50 = CMRV 050
 S37 = SA37
 S47 = SA47

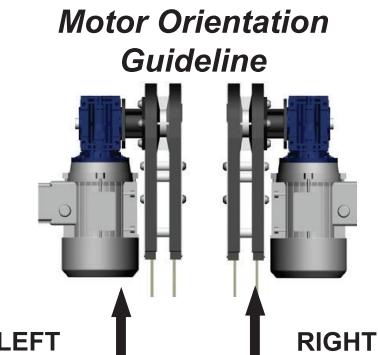
Gearmotor position: L or R —————

D: Front Drive —————

T: Combined Drive —————

MP DD L S20 TR

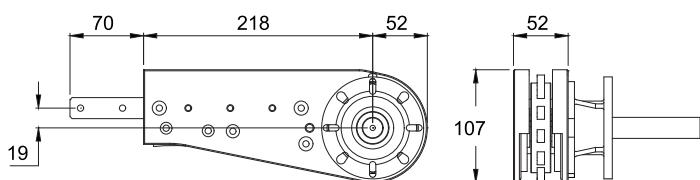
Front direct drive unit, motor on left side for 0.25kW SEW geared motor



Example. Code for Basic unit:

MP DT R M40 => Combined drive unit, motor on right side for Motovario NMRV 040 geared motor.

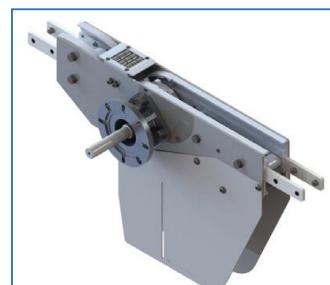
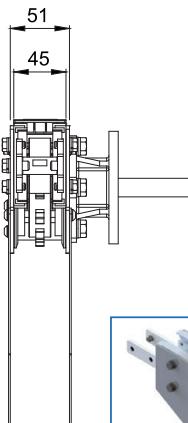
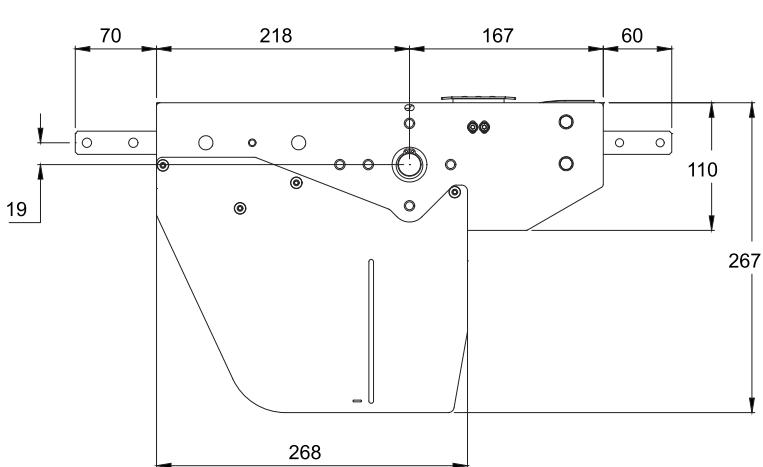
Front Drive Unit



- Effective track length: 0.6m
 - Traction force: 500N
 - Connecting strip and set screw included.
Note:
 - Safety Cover comes as compulsory

Item Code	Weight	Supply
MP DD R/L S/T	1.4 kg	1 unit

Combined Drive Unit



- Effective track length: 0.6m
 - Traction force: 500N
 - Connecting strip and set screw included.
Note:
 - Safety Cover comes as compulsory

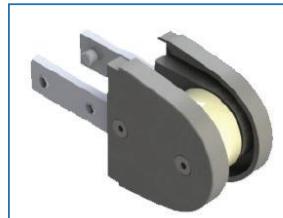
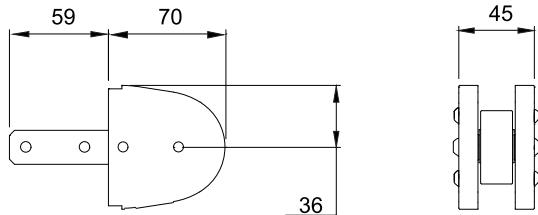
Item Code	Weight	Supply
MP DT R/L S/T	2.4 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MP SERIES - IDLER, BEAM & ACCESSORIES

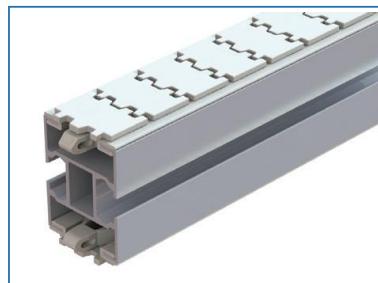
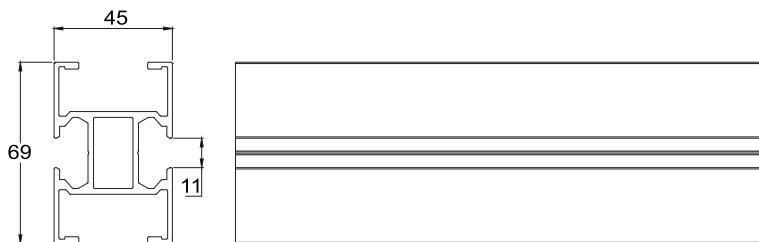
Idler End MP



- Effective track length: 0.11m
- Traction force: 300N
- Connecting strip and set screw included.

Item Code	Weight	Supply
MP IE 70	0.6 kg	1 unit

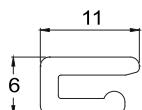
Conveyor Beam MP



Item Code	Weight	Supply
MP CB 3	5.0 kg	3m / beam

Accessories MP

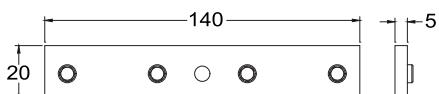
Slide Rail



Material : HDPE
Color: Semi-Transparent White

Item Code	Weight	Supply
MP SR 25	1.2 kg/roll	25m / roll

Connecting Strip



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

Rivet



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

Rivet Crimping



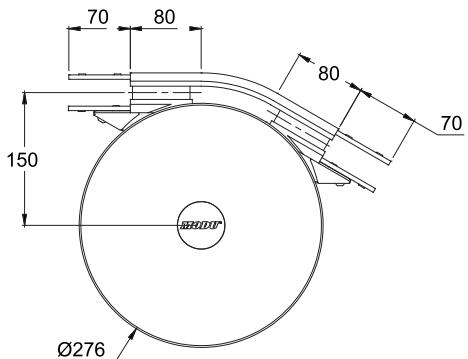
Item Code	Weight	Supply
MA RC MP	0.24 kg	1 pc

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MP SERIES - HORIZONTAL WHEEL BEND

Horizontal Wheel Bend MP



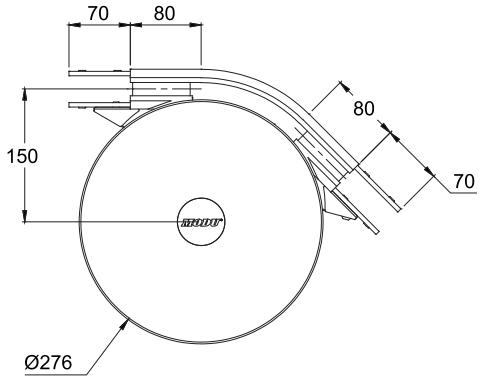
Wheel Bend, 30°

Effective track length:

0.24m 1-way (0.48 m 2-way)

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

Item Code	Weight	Supply
MP BW 30R150	5.4 kg	1 unit



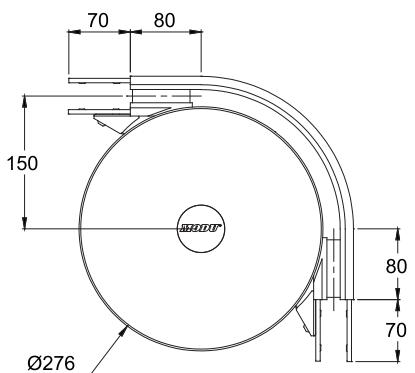
Wheel Bend, 45°

Effective track length:

0.28m 1-way (0.56m 2-way)

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

Item Code	Weight	Supply
MP BW 45R150	5.5 kg	1 unit



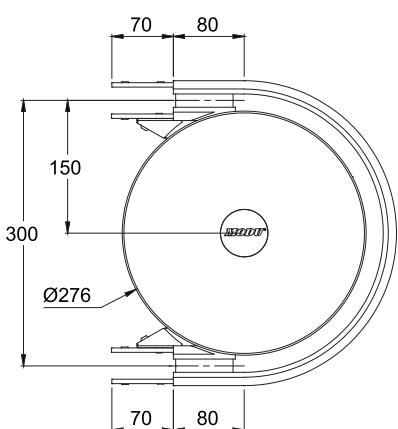
Wheel Bend, 90°

Effective track length:

0.4m 1-way (0.8m 2-way)

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

Item Code	Weight	Supply
MP BW 90R150	5.6 kg	1 unit



Wheel Bend, 180°

Effective track length:

0.63m 1-way (1.26 m 2-way)

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

Item Code	Weight	Supply
MP BW 180R150	5.7 kg	1 unit

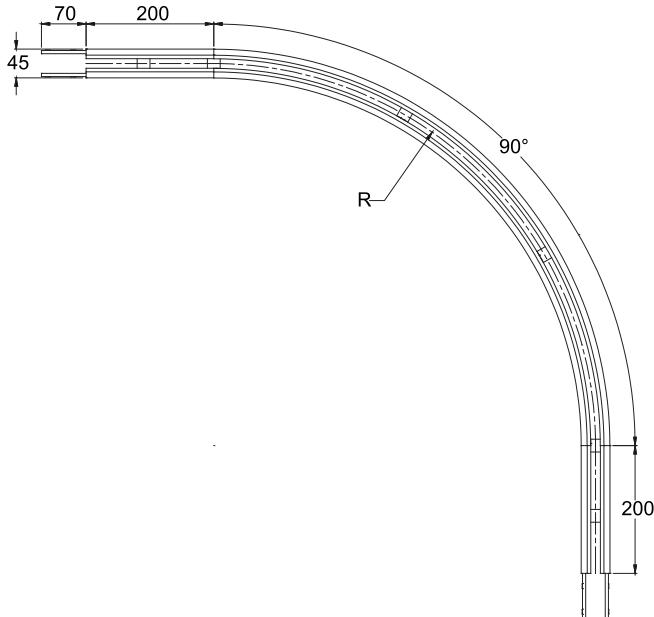
Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

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

MODU MP SERIES - HORIZONTAL PLAIN BEND

Horizontal Plain Bend MP



Horizontal Plain Bend, 90°

Effective track length:

R360: 0.97m 1-way (1.93m 2-way)

R440: 1.09m 1-way (2.18m 2-way)

R520: 1.22m 1-way (2.43m 2-way)

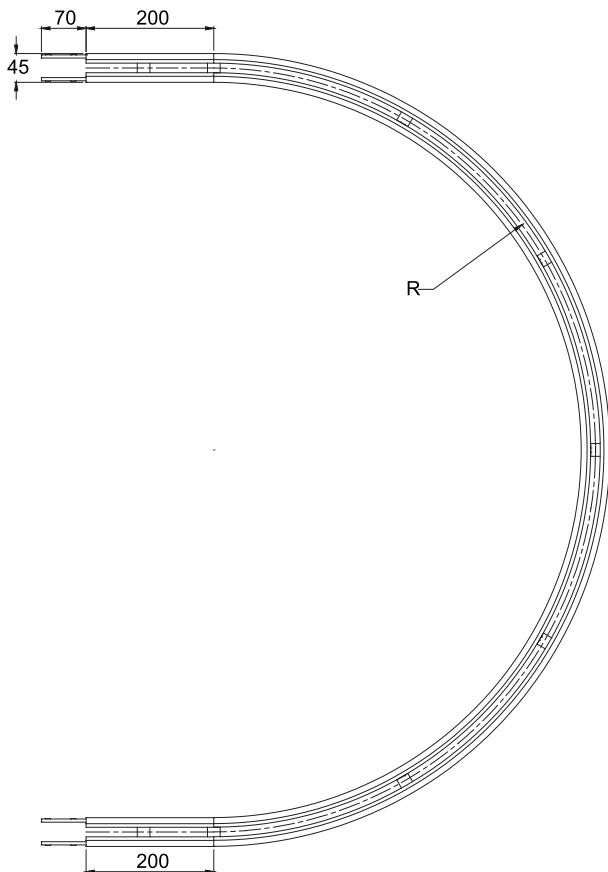
R600: 1.34m 1-way (2.69m 2-way)

R760: 1.59m 1-way (3.19m 2-way)

- Tolerance: ± 2° & Radius: ± 10mm

- Connecting strip and set screw included.

Item Code	Radius (R)	Weight	Supply
MP BP 90R360	360 mm	2.0 kg	1 unit
MP BP 90R440	440 mm	2.2 kg	1 unit
MP BP 90R520	520 mm	2.4 kg	1 unit
MP BP 90R600	600 mm	2.6 kg	1 unit
MP BP 90R760	760 mm	2.8 kg	1 unit



Horizontal Plain Bend, 180°

Effective track length:

R360: 1.53m 1-way (3.06m 2-way)

R440: 1.78m 1-way (3.56m 2-way)

R520: 2.03m 1-way (4.07m 2-way)

R600: 2.29m 1-way (4.57m 2-way)

R760: 2.79m 1-way (5.58m 2-way)

- Tolerance: ± 2° & Radius: ± 10mm

- Connecting strip and set screw included.

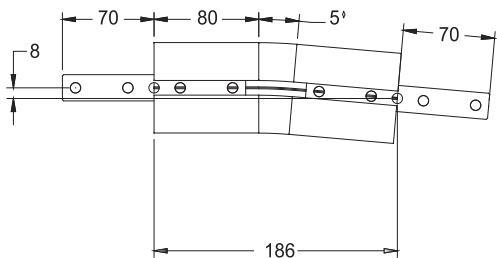
Item Code	Radius (R)	Weight	Supply
MP BP 180R360	360 mm	3.0 kg	1 unit
MP BP 180R440	440 mm	3.2 kg	1 unit
MP BP 180R520	520 mm	3.6 kg	1 unit
MP BP 180R600	600 mm	4.0 kg	1 unit
MP BP 180R760	760 mm	4.8 kg	1 unit

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

MODU MP SERIES - VERTICAL BEND

Vertical Bend

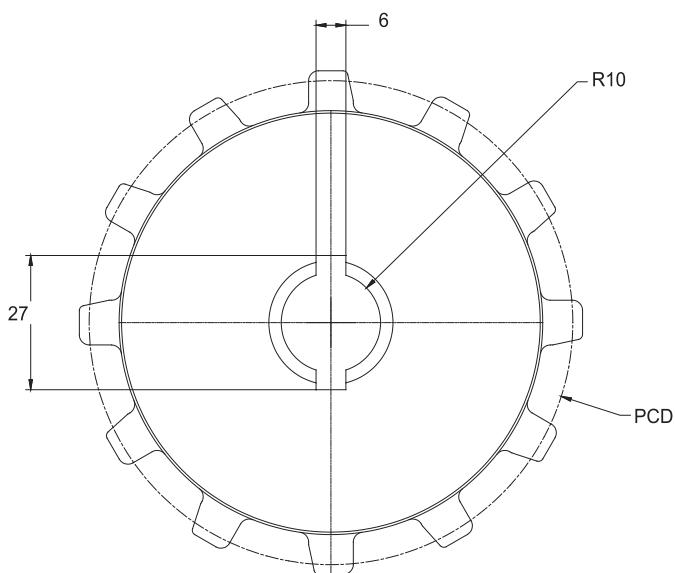


Vertical Bend, 5°

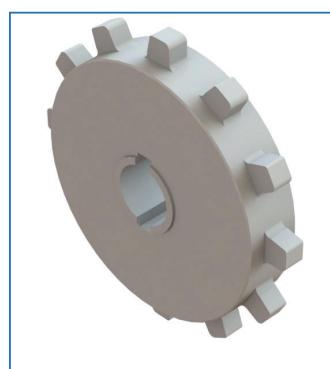
Effective track length:
R300: 0.19m 1-way (0.38m 2-way)
- Tolerance: $\pm 2^\circ$ & Radius: $\pm 10\text{mm}$
- Connecting strip and set screw included.

Item Code	Weight	Supply
MP BV 5R300	0.77 kg	1 unit

Sprocket MP



Description:
PCD: 97mm
Teeth: 12



Item Code	Weight	Supply
MP DS 97	0.12 kg	1 pc

Please consult MODU representative for further information and assistance.

Units: Dimension (mm)

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