



Modular belt
550 FT

NOW WITH
Pin Sphere[®]
AUTOLOCK

Movex[®]

PRODUCT UPDATE

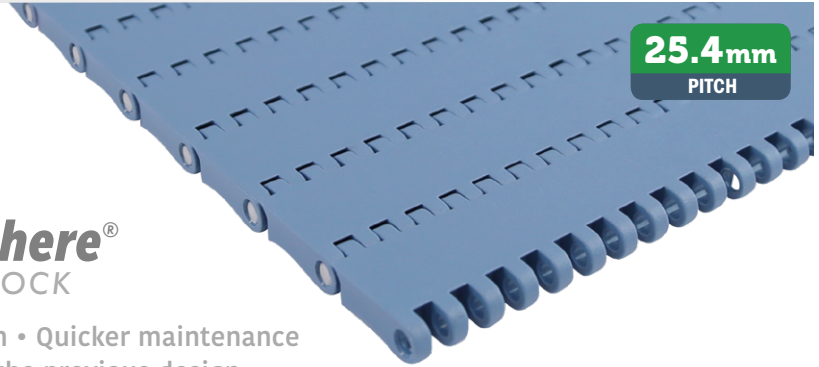
550 FT

Tappeto Modulare 550 FT, H=8,7 M=85
Modular Belt Series 550 FT, H=8,7 M=85 / Modulare Mattenkette 550 FT, H=8,7 M=85

CODE STRUCTURE GUIDE (Example)

Backflex radius min: 25 mm

| | | | |
|-------------|-----------|-------------|----------|
| 5501 | 01 | 0085 | A |
| Series | *Material | Width | Version |



*Material

LFA - Code 01

Low friction Acetal

Easy Delivery

Max w. load: 27500 N/m
Weight: 8,5 kg/m²
Temp. range dry: -40÷80 °C
Temp. range wet: -40÷65 °C
Pin material: PBT white

PP - Code 02

Polypropylene

Max w. load: 16500 N/m
Weight: 8,4 kg/m²
Temp. range dry: 4÷80 °C
Temp. range wet: 4÷65 °C
Pin material: PP blu

MX - Code 03

Performance PBT

Max w. load: 22000 N/m
Weight: 8,2 kg/m²
Temp. range dry: -40÷120 °C
Temp. range wet: -40÷60 °C
Pin material: POM grey

LFW - Code 05

Low friction Acetal

Max w. load: 27500 N/m
Weight: 8,5 kg/m²
Temp. range dry: -40÷80 °C
Temp. range wet: -40÷65 °C
Pin material: PBT white

DKM - Code 16

Aramide Reinforced Acetal

Max w. load: 27500 N/m
Weight: 8,5 kg/m²
Temp. range dry: -40÷80 °C
Temp. range wet: -40÷65 °C
Pin material: PBT white

MWX - Code 17

Polyamide Composite

Max w. load: 27500 N/m
Weight: 8,9 kg/m²
Temp. range dry: -40÷104 °C
Temp. range wet: NR
Pin material: PBT white

LFB - Code 23

Low friction Acetal

Max w. load: 27500 N/m
Weight: 8,5 kg/m²
Temp. range dry: -40÷80 °C
Temp. range wet: -40÷65 °C
Pin material: PBT white

PFX - Code 30

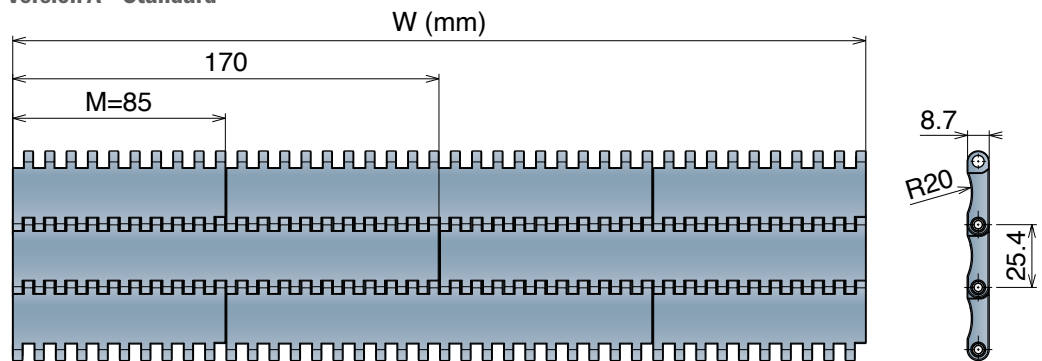
Extra performance PBT

Max w. load: 22000 N/m
Weight: 8,2 kg/m²
Temp. range dry: -40÷120 °C
Temp. range wet: -40÷60 °C
Pin material: POM grey

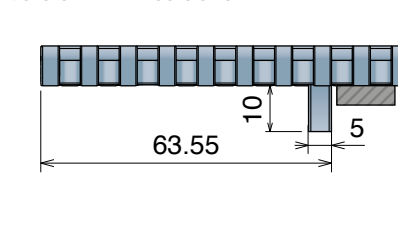


- Easier installation • Quicker maintenance
- Compatible with the previous design
- 100% interchangeable

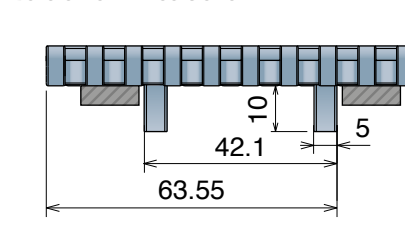
Version A - Standard



Version B - 1 Positioner



Version C - 2 Positioner



Version A - Standard

| Series | Material | Width | Version |
|--------|----------|-------|---------|
| 5501 | * | 0085 | A |
| 5501 | * | 0170 | A |
| 5501 | * | 0255 | A |
| 5501 | * | 0340 | A |
| 5501 | * | 0425 | A |
| 5501 | * | 0510 | A |
| 5501 | * | 0595 | A |
| 5501 | * | 0680 | A |
| 5501 | * | 0765 | A |
| 5501 | * | 0850 | A |
| 5501 | * | 0935 | A |
| 5501 | * | 1020 | A |
| 5501 | * | 1105 | A |
| 5501 | * | 1190 | A |
| 5501 | * | 1275 | A |
| 5501 | * | 1360 | A |
| 5501 | * | 1445 | A |
| 5501 | * | 1530 | A |

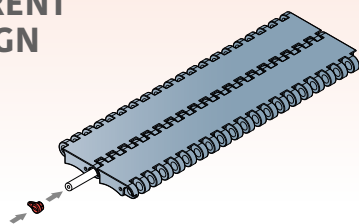
Version B - 1 Positioner

| Series | Material | Width | Version |
|--------|----------|-------|---------|
| 5501 | * | 0085 | B |
| 5501 | * | 0170 | B |
| 5501 | * | 0255 | B |
| 5501 | * | 0340 | B |
| 5501 | * | 0425 | B |
| 5501 | * | 0510 | B |
| 5501 | * | 0595 | B |
| 5501 | * | 0680 | B |
| 5501 | * | 0765 | B |
| 5501 | * | 0850 | B |
| 5501 | * | 0935 | B |
| 5501 | * | 1020 | B |
| 5501 | * | 1105 | B |
| 5501 | * | 1190 | B |
| 5501 | * | 1275 | B |
| 5501 | * | 1360 | B |
| 5501 | * | 1445 | B |
| 5501 | * | 1530 | B |

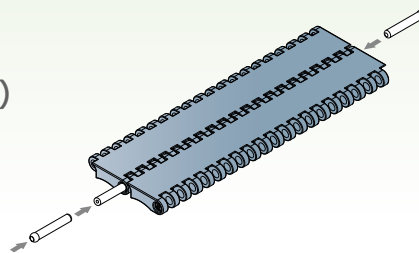
Version C - 2 Positioners

| Series | Material | Width | Version |
|--------|----------|-------|---------|
| 5501 | * | 0085 | C |
| 5501 | * | 0170 | C |
| 5501 | * | 0255 | C |
| 5501 | * | 0340 | C |
| 5501 | * | 0425 | C |
| 5501 | * | 0510 | C |
| 5501 | * | 0595 | C |
| 5501 | * | 0680 | C |
| 5501 | * | 0765 | C |
| 5501 | * | 0850 | C |
| 5501 | * | 0935 | C |
| 5501 | * | 1020 | C |
| 5501 | * | 1105 | C |
| 5501 | * | 1190 | C |
| 5501 | * | 1275 | C |
| 5501 | * | 1360 | C |
| 5501 | * | 1445 | C |
| 5501 | * | 1530 | C |

CURRENT DESIGN (Clip)



NEW DESIGN (Pin Sphere)



Belt modules - LFA

| Code & Width | Design |
|-----------------------------------|--------|
| S000470 85 open | |
| S000471 85 closed* | |
| S000472 85 FTP1 open | |
| S000473 85 FTP1 closed* | |
| S000474 85 FTP2 open | |
| S000475 85 FTP1 closed* | |
| S000480 170 open | |
| S000481 170 closed* | |
| - | |

Belt modules - LFA

| Code & Width | Design |
|---|--|
| S007100 85 open | * Closed version will be replaced by the open one. |
| S007101 85 FTP1 open | * Closed version will be replaced by the open one. |
| S007102 85 FTP2 open | * Closed version will be replaced by the open one. |
| S007090 170 open | * Closed version will be replaced by the open one. |
| S007070 340 open QUICK ASSEMBLY | |

Fixing system

| | |
|------------------------|--|
| S000501 CLIP | |
|------------------------|--|

Fixing system

| | |
|---------------------------------|--|
| S010790-29 PIN SPHERE | |
|---------------------------------|--|

Pin

| | |
|---------------------------------------|--|
| M001800 PIN 3,4 m length | |
|---------------------------------------|--|

Pin

| | | |
|---------------------------------------|--|---|
| M001800 PIN 3,4 m length | | 85 mm belt is assembled with self locking pin S010790-83 |
|---------------------------------------|--|---|

For other belt materials:

Belt modules: For MX, PFX and PP just add this suffix at the end of the code: Example S000470PFX
Pin Sphere: MX and PFX S010791-29 PP S010792-29 | Pin: MX and PFX M001801 PP M002594

550 FT

VERSION A - STANDARD

ASSEMBLY INSTRUCTIONS

Width

85 mm

Pin length
85 mm*

| |
|----|
| 85 |
| 85 |

*Belt assembled with self locking pin: S010790-83

Width

170 mm

Pin length
110 mm

| |
|-----|
| 170 |
| 170 |

Width

255 mm

Pin length
195 mm

| | |
|-----|-----|
| 85 | 170 |
| 170 | 85 |

Width

340 mm

Pin length
280 mm

| |
|-----|
| 340 |
| 340 |

Width

425 mm

Pin length
364,8 mm

| | |
|-----|-----|
| 85 | 340 |
| 340 | 85 |

Width

510 mm

Pin length
449,7 mm

| | |
|-----|-----|
| 170 | 340 |
| 340 | 170 |

Width

595 mm

Pin length
534,5 mm

| | | |
|-----|-----|-----|
| 85 | 340 | 170 |
| 170 | 340 | 85 |

Width

680 mm

Pin length
619,3 mm

| | | |
|-----|-----|-----|
| 170 | 340 | 170 |
| 340 | 340 | |

Width

765 mm

Pin length
704 mm

| | | |
|-----|-----|-----|
| 85 | 340 | 340 |
| 340 | 340 | 85 |

Width

850 mm

Pin length
789 mm

| | | |
|-----|-----|-----|
| 170 | 340 | 340 |
| 340 | 340 | 170 |

Width

935 mm

Pin length
873 mm

| | | | |
|-----|-----|-----|-----|
| 85 | 340 | 340 | 170 |
| 170 | 340 | 340 | 85 |

Width

1020 mm

Pin length
957 mm

| | | | |
|-----|-----|-----|-----|
| 170 | 340 | 340 | 170 |
| 340 | 340 | 340 | |

Width

1105 mm

Pin length
1041 mm

| | | | |
|-----|-----|-----|-----|
| 85 | 340 | 340 | 340 |
| 340 | 340 | 340 | 85 |

Width

1190 mm

Pin length
1125,5 mm

| | | | |
|-----|-----|-----|-----|
| 170 | 340 | 340 | 340 |
| 340 | 340 | 340 | 170 |

Width

1275 mm

Pin length
1210 mm

| | | | | |
|-----|-----|-----|-----|-----|
| 85 | 340 | 340 | 340 | 170 |
| 170 | 340 | 340 | 340 | 85 |

Width

1360 mm

Pin length
1294,5 mm

| | | | | |
|-----|-----|-----|-----|-----|
| 170 | 340 | 340 | 340 | 170 |
| 340 | 340 | 340 | 340 | |

Width

1445 mm

Pin length
1379 mm

| | | | | |
|-----|-----|-----|-----|-----|
| 85 | 340 | 340 | 340 | 340 |
| 340 | 340 | 340 | 340 | 85 |

Width

1530 mm

Pin length
1464 mm

| | | | | |
|-----|-----|-----|-----|-----|
| 170 | 340 | 340 | 340 | 340 |
| 340 | 340 | 340 | 340 | 170 |

| | |
|-----------------|-----|
| S0007100 | 85 |
| S0007090 | 170 |
| S0007070 | 340 |

Width

85 mm

Pin length
85 mm*

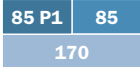


*Belt assembled with self locking pin: S010790-83

Width

170 mm

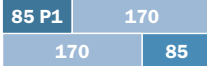
Pin length
110 mm



Width

255 mm

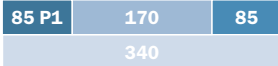
Pin length
195 mm



Width

340 mm

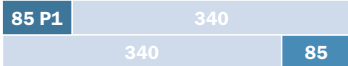
Pin length
280 mm



Width

425 mm

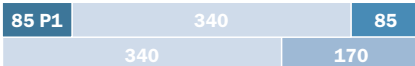
Pin length
364,8 mm



Width

510 mm

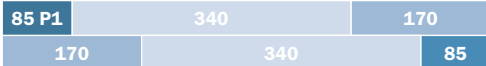
Pin length
449,7 mm



Width

595 mm

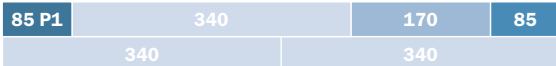
Pin length
534,5 mm



Width

680 mm

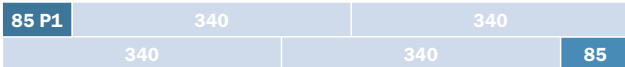
Pin length
619,3 mm



Width

765 mm

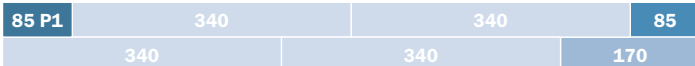
Pin length
704 mm



Width

850 mm

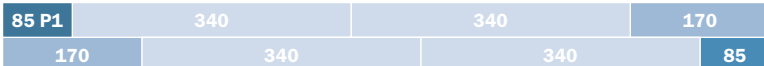
Pin length
789 mm



Width

935 mm

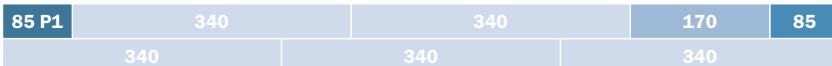
Pin length
873 mm



Width

1020 mm

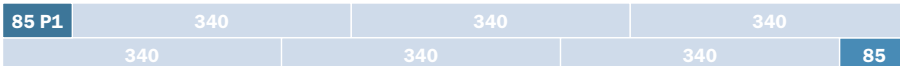
Pin length
957 mm



Width

1105 mm

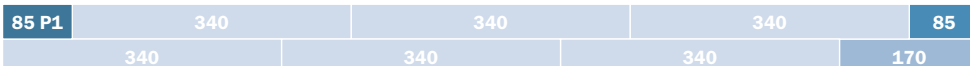
Pin length
1041 mm



Width

1190 mm

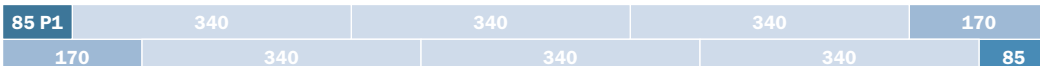
Pin length
1125,5 mm



Width

1275 mm

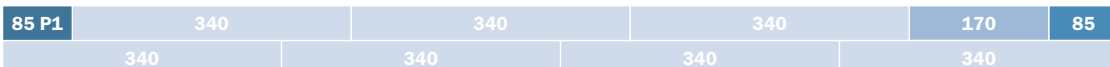
Pin length
1210 mm



Width

1360 mm

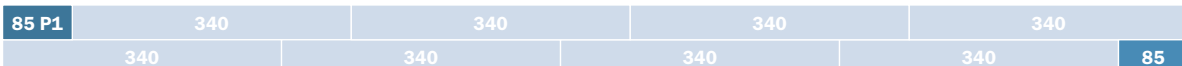
Pin length
1294,5 mm



Width

1445 mm

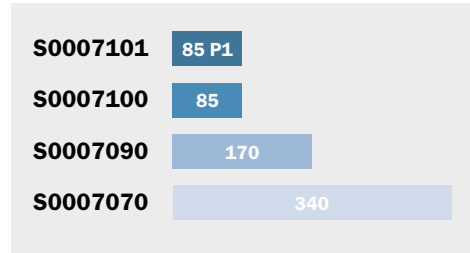
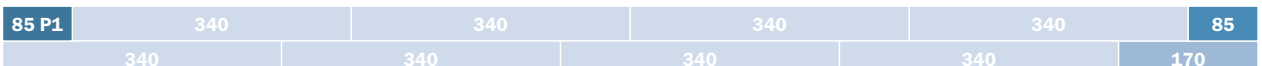
Pin length
1379 mm



Width

1530 mm

Pin length
1464 mm



550 FT

VERSION C - 2 POSITIONERS

ASSEMBLY INSTRUCTIONS

Width

85 mm

Pin length
85 mm*

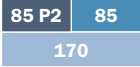


*Belt assembled with self locking pin: S010790-83

Width

170 mm

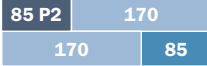
Pin length
110 mm



Width

255 mm

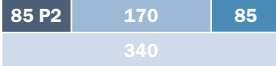
Pin length
195 mm



Width

340 mm

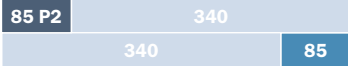
Pin length
280 mm



Width

425 mm

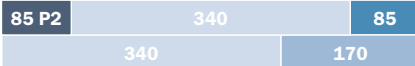
Pin length
364,8 mm



Width

510 mm

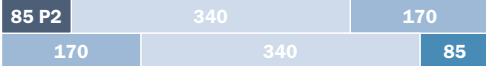
Pin length
449,7 mm



Width

595 mm

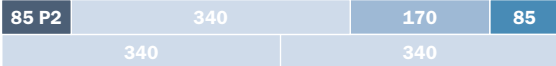
Pin length
534,5 mm



Width

680 mm

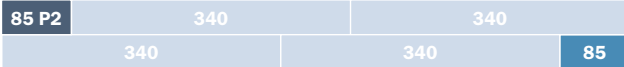
Pin length
619,3 mm



Width

765 mm

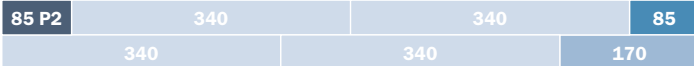
Pin length
704 mm



Width

850 mm

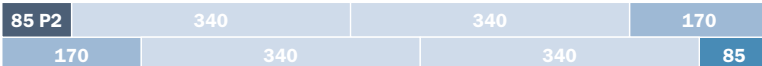
Pin length
789 mm



Width

935 mm

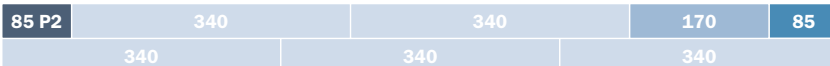
Pin length
873 mm



Width

1020 mm

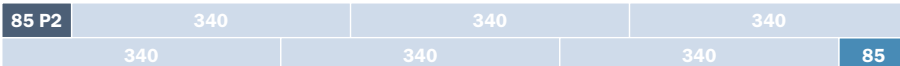
Pin length
957 mm



Width

1105 mm

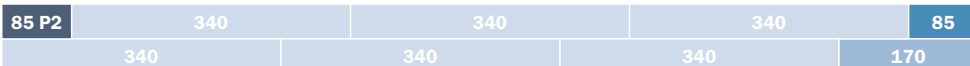
Pin length
1041 mm



Width

1190 mm

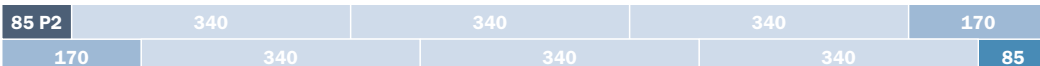
Pin length
1125,5 mm



Width

1275 mm

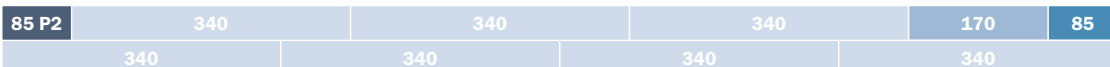
Pin length
1210 mm



Width

1360 mm

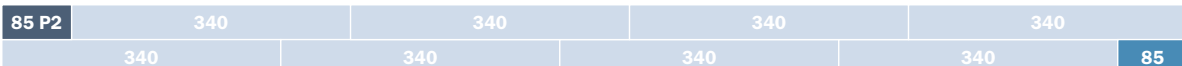
Pin length
1294,5 mm



Width

1445 mm

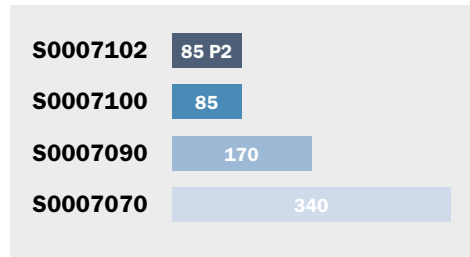
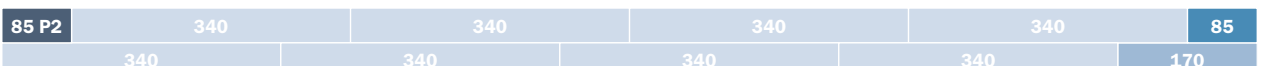
Pin length
1379 mm



Width

1530 mm

Pin length
1464 mm



Movex[®]

www.movexii.com

PRODUCT UPDATE