

Modular belts  
***550 Series***

NOW WITH  
***Pin Sphere***<sup>®</sup>  
AUTOLOCK

***Movex***<sup>®</sup>

PRODUCT UPDATE

# 550 FT

Modular Belt Series 550 FT, H=8,7 M=85

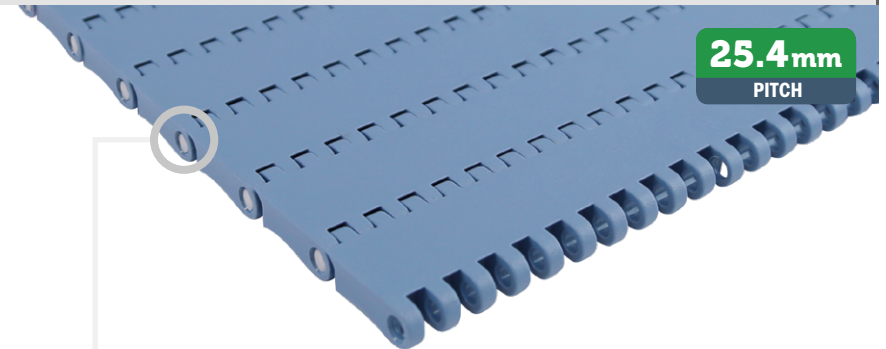
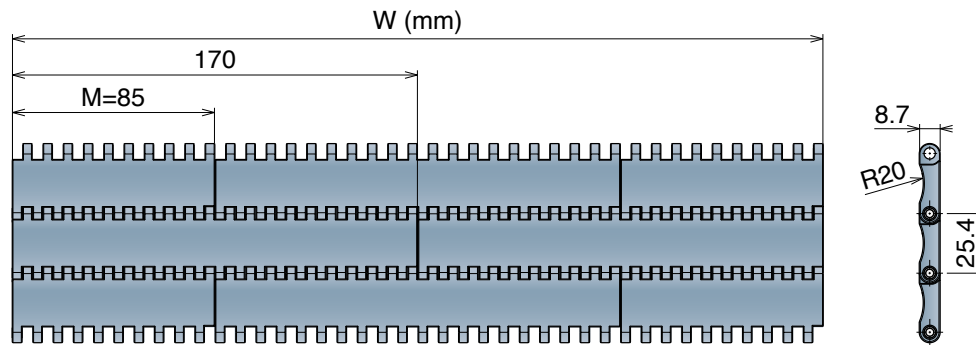
Improved Design



Pitch.: 25,4 mm | Backflex radius min.: 25 mm

CODE STRUCTURE GUIDE (Example)			
5501	01	0085	A
Series	*Material	Width	Version

## Version A - Standard



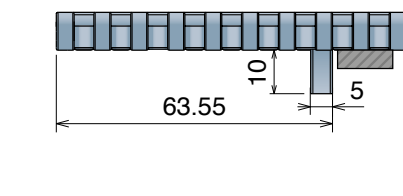
25.4mm  
PITCH



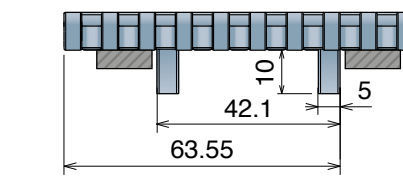
**Pin Sphere®**  
AUTOLOCK

- Easier installation
- Quicker maintenance
- 100% interchangeable

## Version B - One Positioner



## Version C - Two Positioner



## ORDER CODE

Series	Material	Width	Version
5501	*	0085	A / B / C
5501	*	0170	A / B / C
5501	*	0255	A / B / C
5501	*	0340	A / B / C
5501	*	0425	A / B / C
5501	*	0510	A / B / C
5501	*	0595	A / B / C
5501	*	0680	A / B / C
5501	*	0765	A / B / C

Series	Material	Width	Version
5501	*	0850	A / B / C
5501	*	0935	A / B / C
5501	*	1020	A / B / C
5501	*	1105	A / B / C
5501	*	1190	A / B / C
5501	*	1275	A / B / C
5501	*	1360	A / B / C
5501	*	1445	A / B / C
5501	*	1530	A / B / C

Continue >>

## \*Material

LFA - Code 01	Low friction Acetal
Max w. load:	27500 N/m
Weight:	8,5 kg/m <sup>2</sup>
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/m <sup>2</sup>
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/m <sup>2</sup>
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/m <sup>2</sup>
Temp. range dry:	-40+80 °C
Temp. range wet:	-40+65 °C
Pin material:	PBT white

DKM - Code 16	Aramid Reinforced Acetal
Max w. load:	27500 N/m
Weight:	8,5 kg/m <sup>2</sup>
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/m <sup>2</sup>
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/m <sup>2</sup>
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/m <sup>2</sup>
Temp. range dry:	-40+120 °C
Temp. range wet:	-40+60 °C
Pin material:	POM grey

# 550 FTT

Modular Belt Series 550 FTT, H=8,7 M=85

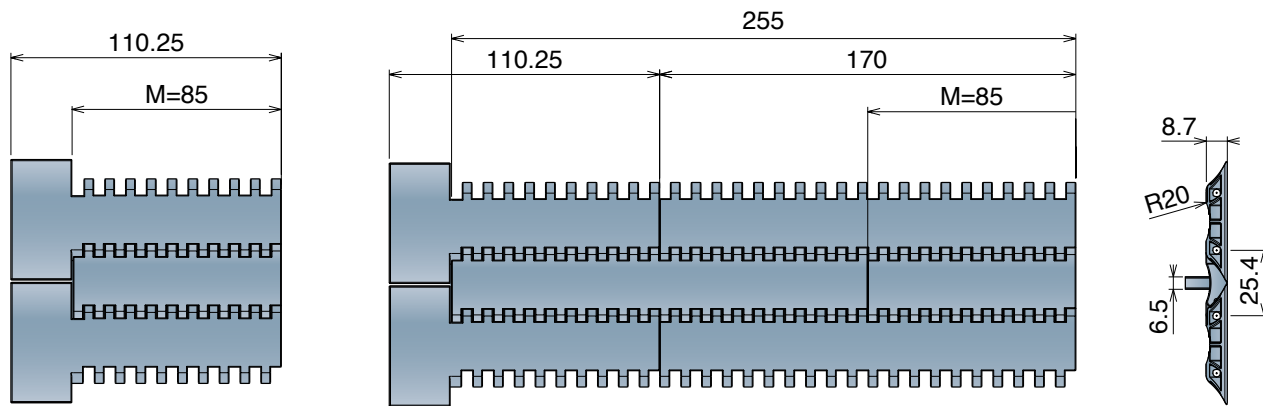
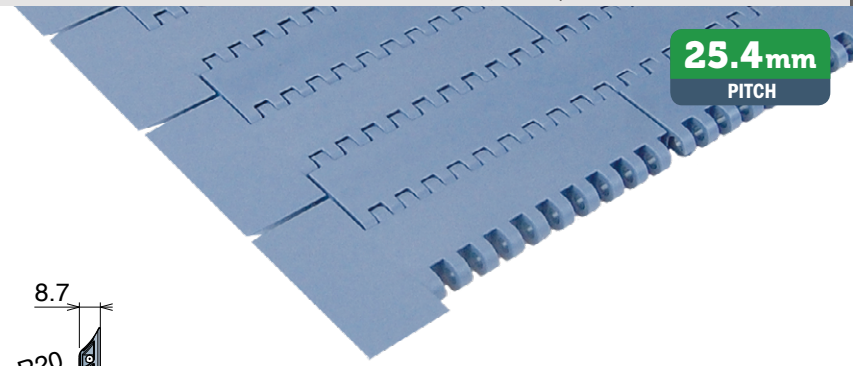
**Improved Design**



CODE STRUCTURE GUIDE (Example)

<b>5506</b>	<b>01</b>	<b>0085</b>	<b>A</b>
Series	*Material	Width	Version

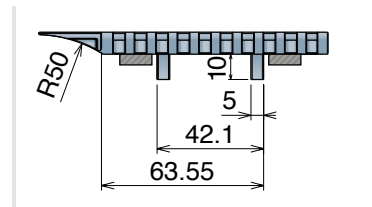
Pitch.: 25,4 mm | Backflex radius min.: 25 mm



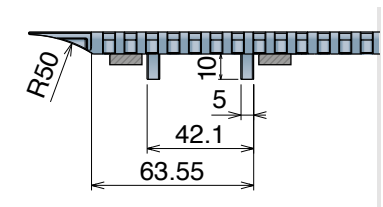
**Pin Sphere®**  
AUTOLOCK

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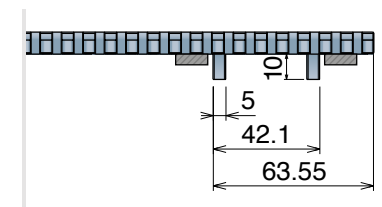
## Version C



## Version CN - Near



## Version CO - Opposite



## \*Material

**LFA - Code 01**  
Low friction Acetal

Max w. load: 27500 N/m  
Weight: 8,5 kg/m<sup>2</sup>  
Temp. range dry: -40+80 °C  
Temp. range wet: -40+65 °C  
Pin material: PBT white

**MX - Code 03**  
Performance PBT

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

## ORDER CODE

Series	Material	Width	Version
5506	*	0085	C

Series	Material	Width	Version
5506	*	0170	CN
5506	*	0255	CN

Series	Material	Width	Version
5506	*	0170	CO
5506	*	0255	CO

## Max working load (N)

Width	Material	Series	Version	Max working load (N)
Width 85	LFA	2300	MX	1850
	LFA	4700	MX	3750
Width 255	LFA	7000	MX	5600

# 550 GT

Modular Belt Series 550 GT, H=8,7 M=85

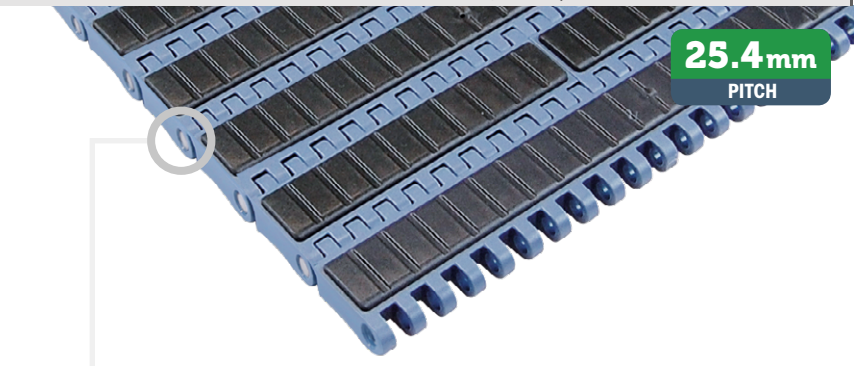
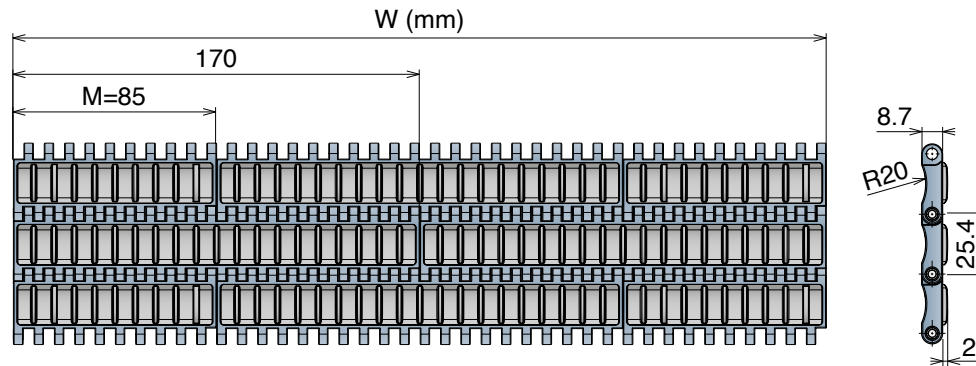
Improved Design



Pitch.: 25,4 mm | Backflex radius min.: 25 mm

CODE STRUCTURE GUIDE (Example)			
5503	01	0085	A
Series	*Material	Width	Version

## Version A - Standard



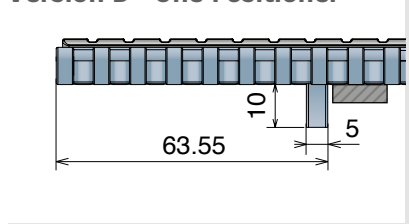
25.4 mm  
PITCH



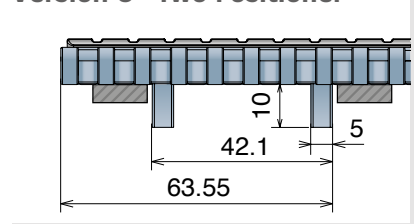
**Pin Sphere®**  
AUTOLOCK

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## Version B - One Positioner



## Version C - Two Positioner



## ORDER CODE

Series	Material	Width	Version
5503	*	0085	A / B / C
5503	*	0170	A / B / C
5503	*	0255	A / B / C
5503	*	0340	A / B / C
5503	*	0425	A / B / C
5503	*	0510	A / B / C
5503	*	0595	A / B / C
5503	*	0680	A / B / C
5503	*	0765	A / B / C

Series	Material	Width	Version
5503	*	0850	A / B / C
5503	*	0935	A / B / C
5503	*	1020	A / B / C
5503	*	1105	A / B / C
5503	*	1190	A / B / C
5503	*	1275	A / B / C
5503	*	1360	A / B / C
5503	*	1445	A / B / C
5503	*	1530	A / B / C

### \*Material

LFA - Code 01 Low friction Acetal	
Max w. load:	27.500 N/m
Weight:	10,1 kg/m <sup>2</sup>
Temp. range dry:	-40+120 °C
Temp. range wet:	-40+60 °C
Pin material:	50 ShA-Dark grey

PP - Code 02 Polypropylene	
Max w. load:	16.500 N/m
Weight:	8,4 kg/m <sup>2</sup>
Temp. range dry:	4+80 °C
Temp. range wet:	4+65 °C
Pin material:	50 ShA-Pigeon blue

MX - Code 03 Performance PBT	
Max w. load:	22.000 N/m
Weight:	10,5 kg/m <sup>2</sup>
Temp. range dry:	-40+120 °C
Temp. range wet:	-40+60 °C
Pin material:	50 ShA-Dark grey

Continue >>

# 550 FLIGHT TOP

Modular Belt Series 550 FLIGHT TOP, H=8,7 M=85

Improved Design



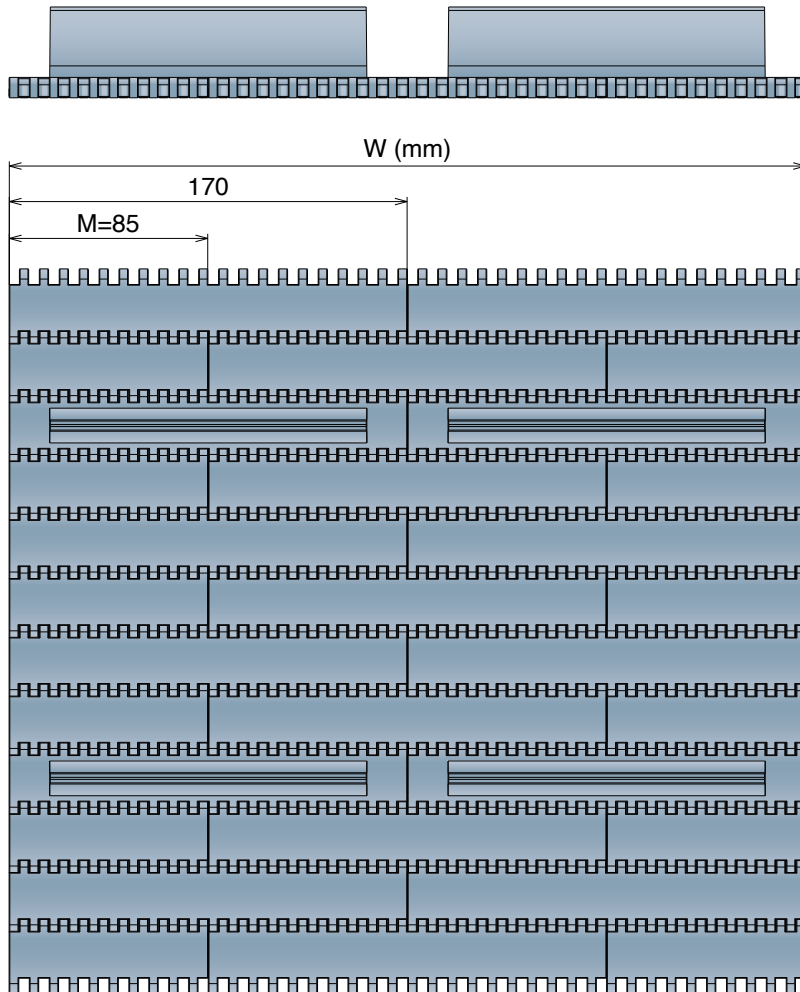
CODE STRUCTURE GUIDE

Pitch.: 25,4 mm | Backflex radius min.: 30 mm

See dedicated leaflet or contact your sales representative

25.4mm  
PITCH

## Version A - Standard



**Pin Sphere<sup>®</sup>**  
AUTOLock

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### \*Material

#### LFA - Code 01 Low friction Acetal

**Max w. load:** 27.500 N/m  
**Weight:** 8,5 kg/m<sup>2</sup>  
**Temp. range dry:** -40÷120 °C  
**Temp. range wet:** -40÷60 °C  
**Pin material:** PBT White

#### PP - Code 02 Polypropylene

**Max w. load:** 16.500 N/m  
**Weight:** 8,4 kg/m<sup>2</sup>  
**Temp. range dry:** 4÷80 °C  
**Temp. range wet:** 4÷65 °C  
**Pin material:** PP Blue

#### LFW - Code 05 Low friction Acetal

**Max w. load:** 27.500 N/m  
**Weight:** 8,5 kg/m<sup>2</sup>  
**Temp. range dry:** -40÷120 °C  
**Temp. range wet:** -40÷60 °C  
**Pin material:** PBT White

#### PPW - Code 21 Polypropylene

**Max w. load:** 16.500 N/m  
**Weight:** 8,4 kg/m<sup>2</sup>  
**Temp. range dry:** 4÷80 °C  
**Temp. range wet:** 4÷65 °C  
**Pin material:** PP Blue

#### LFB - Code 23 Low friction Acetal

**Max w. load:** 27.500 N/m  
**Weight:** 8,5 kg/m<sup>2</sup>  
**Temp. range dry:** -40÷80 °C  
**Temp. range wet:** -40÷65 °C  
**Pin material:** PBT White

***Movex***<sup>®</sup>

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PRODUCT UPDATE