

# 551 PRO LBP

Modular Belt Series 551 PRO LBP H=12.15 M=85

## Energy

25% less energy consumed.  
Lower belt weight and smooth rotation of the rollers guarantee minimal backline pressure.

## Easy clip

Easy and quick installation and use.

## Backline pressure

During accumulation phase,  
30% less pressure on the product.

## Pins connection

Improved pins and roller connection  
available pins in Plastic or SS.



## Radius in modules

Minimizes chordal action  
with transfer plate  $\varnothing$  50 mm.

## Safe design

Reduced gaps between the rollers for a more  
secure solution.

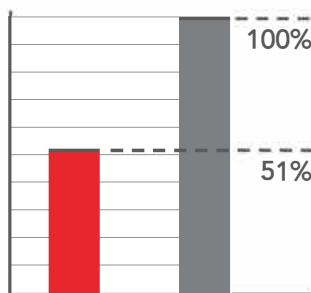
**551 PRO LBP**, the new concept of accumulation: less noise, smaller in-line transfer area and lighter than the standard LBP chains and belts.

These features offer an advantage in energy consumption, reduced friction and noise level.

**551 PRO LBP** is designed with a finger protection device between the modules.

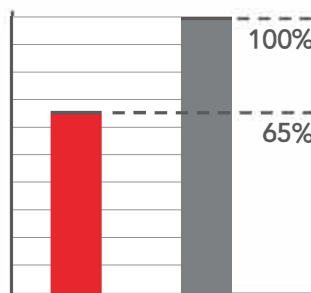
## The Difference with a standard LBP

GAPS BETWEEN ROLLERS



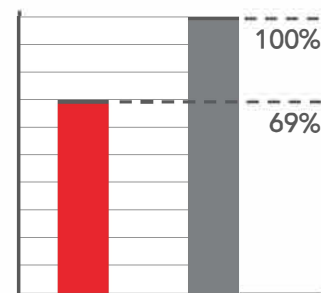
PRO Standard LBP chain

HEADSHAFT TENSION



PRO Standard LBP chain

BACKLINE PRESSURE



PRO Standard LBP chain



### High performance

- -30% Backline pressure
- Improved roller and pins connection
- Smaller head to tail transfers



### Best Safety

- Small gaps between rollers, to protect operator
- Permanently fixed roller pins
- Improved low noise



### Energy saving

- Low chain weight
- Reduction of friction
- Wearstrips in **BluLub** are recommended

# Technical features and Product order Code



**Chain pitch:** 25.4 mm  
**Thickness:** 20.0 mm  
**Back-flex radius (min.):** 120.0 mm  
**Width:** increments of 85mm

**Belt pin material:** PBT  
**Roller pin material:** Reinforced PBT or Stainless steel  
**Direction of chain travel:** Bi-directional  
**Transfer plate length:** 50 mm

CODE STRUCTURE GUIDE (Example)			
5239	01	0085	A
Series	Material	Width	Version

**Belt Material**

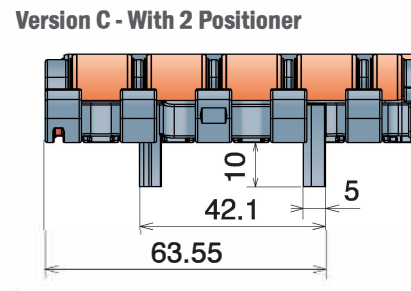
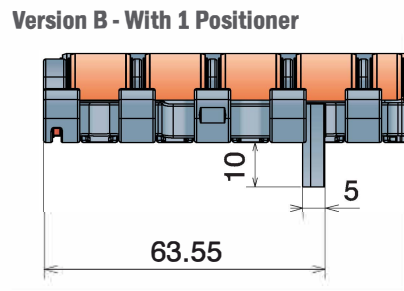
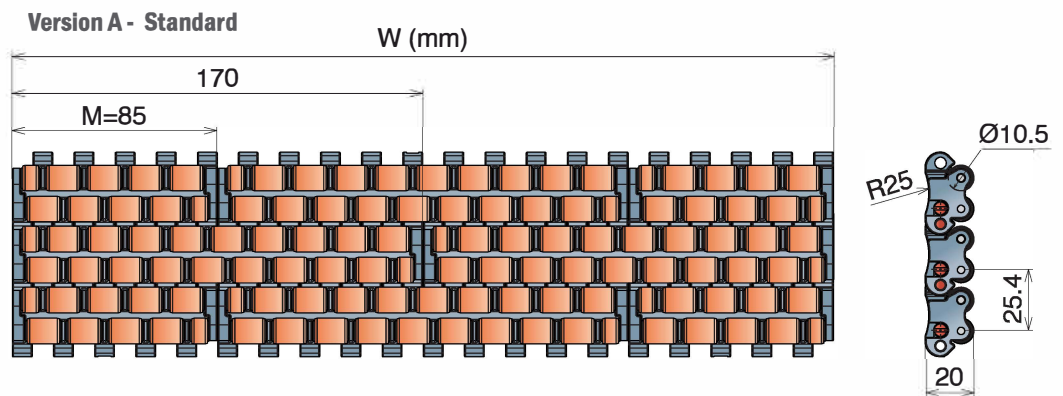
**LFA - Code 01**  
Low friction Acetal

**Max w. load:** 41500 N/m  
**Weight:** 26.9 kg/m<sup>2</sup>  
**Temp. range dry:** -40+80 °C  
**Temp. range wet:** -40+65 °C  
**Pin material:** PBT white

**Rollers Material**

**PFX**  
PBT with additives

**Patented**



**Stainless steel Pin**

Series	Material	Width	Version
5239	01	0085	*
5239	01	0170	*
5239	01	0255	*
5239	01	0340	*
5239	01	0425	*
5239	01	0510	*
5239	01	0595	*
5239	01	0680	*



**Plastic Pin**

Series	Material	Width	Version
5240	01	0085	*
5240	01	0170	*
5240	01	0255	*
5240	01	0340	*
5240	01	0425	*
5240	01	0510	*
5240	01	0595	*
5240	01	0680	*

*Version					
Standard	Add A	With 1 Positioner	Add B	With 2 Positioners	Add C