

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.

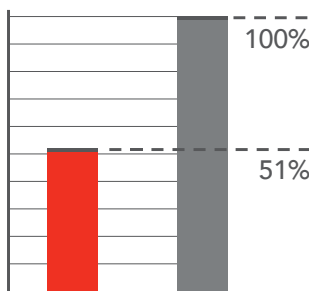
551 PRO LBP, the new concept of accumulation: less noise, smaller in-line transfer area and lighter than the standard LBP chains and belts.

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.

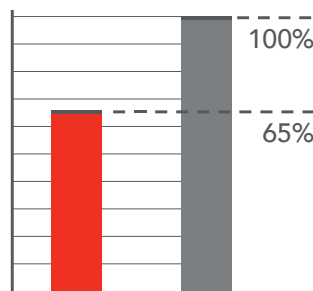
The Difference with a standard LBP

GAPS BETWEEN ROLLERS



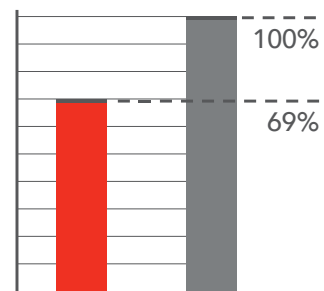
PRO Standard LBP chain

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

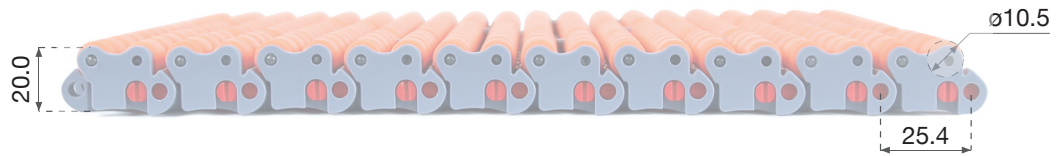
- Small gaps between rollers, to protect operator
- Permanently fixed roller pins
- Improved low noise



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

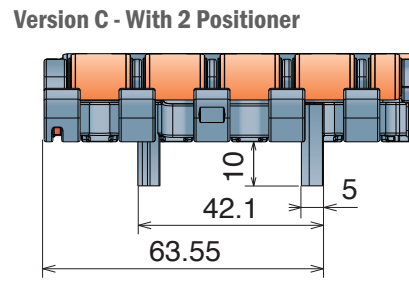
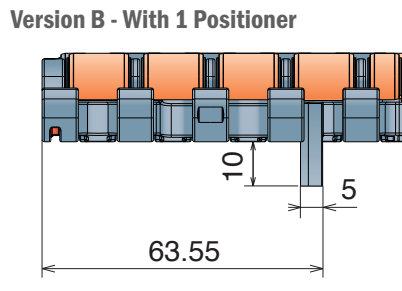
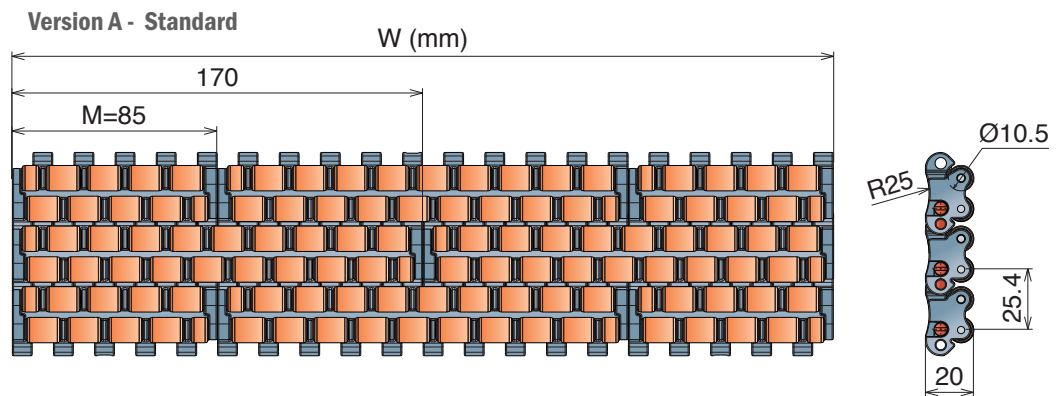
Belt Material

LFA - Code 01
Low friction Acetal

Max w. load: 41500 N/m
Weight: 26.9 kg/m²
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