



1/2" PITCH LOW BACK-LINE PRESSURE BELT - LBP 610

1/2" PITCH LBP BELT FOR NOSE-OVER TRANSFER APPLICATIONS

Regina MATVEYOR® LBP 610 Series is specifically developed for nose-over transfer applications in which accumulation of the product is an issue.

Its 1/2" pitch allows for a smooth nose-over transfer minimizing dead plates. At the same time LBP rollers allow for pressure reduction among products during accumulation and for belt pull reduction. Regina MATVEYOR® LBP 610 Series is ideal to convey multi-packs, cases and cartons with small foot-print.

NEW



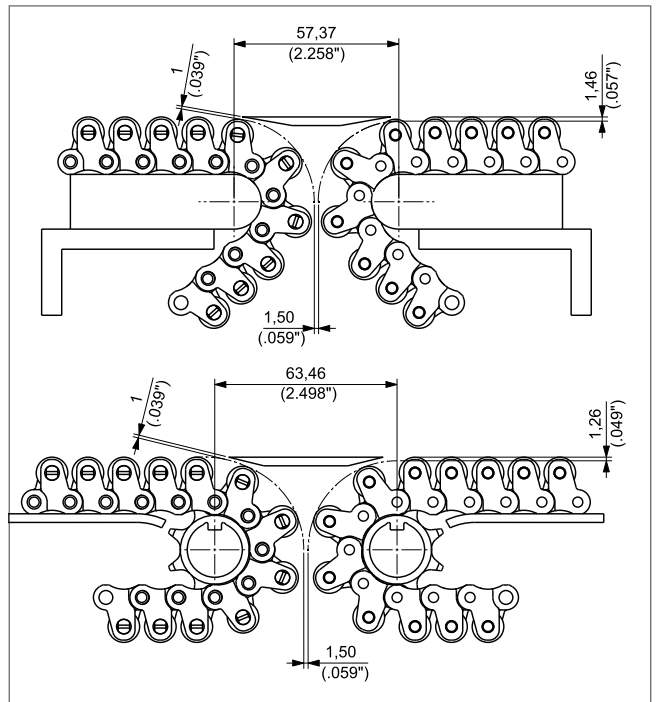
KEY FEATURES & BENEFITS

COMPACT CONVEYOR STRUCTURE

Regina MATVEYOR® LBP 610 Series, thanks to its 1/2" pitch and its round bottom surface, dramatically minimizes the chordal effect when the belt engages with a nosebar or 8T sprockets.

As a consequence:

- Product stability is maximized.
- Compact nose-over transfer is guaranteed
 - 57,37 mm (2.258") using a nosebar
 - 63,46 mm (2.498") using 8T sprockets



NOISELESS AND IMPROVED WEAR RESISTANCE

The PBT roller pin along with the rollers made by Ultra Performance Homopolymer Derlin® (UP) allow the chain to run almost noiselessly and also to reduce the wear of the rollers.



INCREASED PRODUCT STABILITY

Regina MATVEYOR® LBP 610 Series displays an optimized distribution of the rollers, allowing for the best product stability.

ENERGY SAVING

The weight of the Regina MATVEYOR® LBP 610 Series is 25% less than comparable belts, resulting in a significant energy consumption reduction of the motors. This is obtained thanks to the adoption of modules and rollers in Ultra Performance Homopolymer Derlin® (UP) and pins in PBT, thus eliminating completely metallic parts.

LONGER RUNS ON A SINGLE DRIVE

The special hinge design of the belt allows for an extremely high working load of 27000 N/m (1,850 lbs/ft). As a consequence the belt can be installed on conveyors with a considerably long center to center distance.



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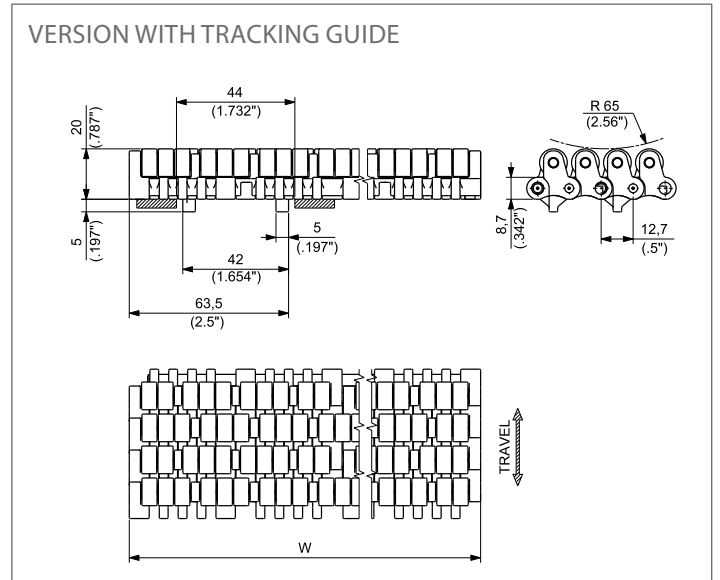
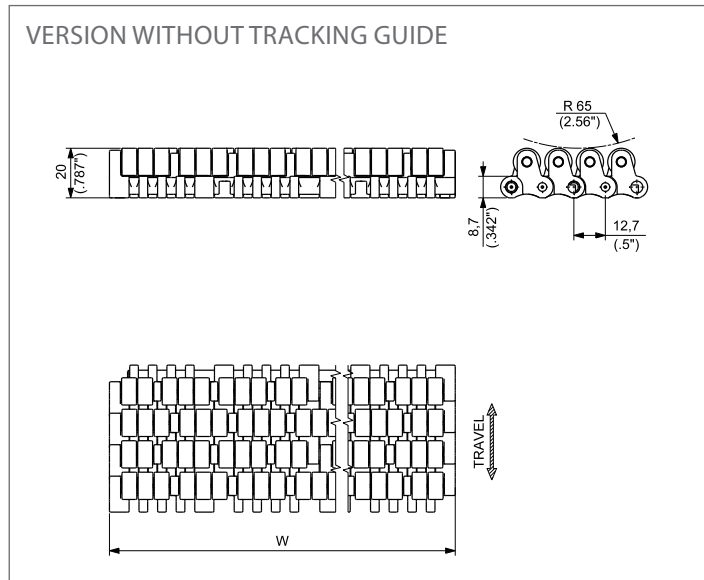
8,7 mm (0.343") THICKNESS

LBP ROLLERS

METRIC STANDARD

Designed for accumulating applications where efficient nose-over transfer is required. The round bottom surface, combined with the 1/2" pitch, provides for the minimum chordal effect, minimizing deadplates.

- BELT WIDTHS: 85 mm (3.346") or wider in 85 mm (3.346") increments
- WORKING LOAD (at 25°/77°F): 27000 N/m (1,850 lbs/ft)
- BELT WEIGHT: 18,3 kg/m² (3.75 lbs/ft²)
- SPROCKETS: same used by other Regina 1/2" pitch belts and chains



V/LEAF02516E

WIDTH W		MATERIALS		
		Module and Roller		Pin
		UP	ULTRA PERFORMANCE HOMOPOLYMER DERLIN®	
		PART NUMBER		
mm	inch	WITHOUT TRACKING GUIDE	WITH TRACKING GUIDE	PBT
85	3.35	LBP610AUP0085	LBP610AGUP0085	
170	6.69	LBP610AUP0170	LBP610AG1UP0170	
255	10.04	LBP610AUP0255	LBP610AG1UP0255	
340	13.39	LBP610AUP0340	LBP610AG1UP0340	
425	16.73	LBP610AUP0425	LBP610AG1UP0425	
510	20.08	LBP610AUP0510	LBP610AG1UP0510	
595	23.43	LBP610AUP0595	LBP610AG1UP0595	
680	26.77	LBP610AUP0680	LBP610AG1UP0680	
765	30.12	LBP610AUP0765	LBP610AG1UP0765	
850	33.46	LBP610AUP0850	LBP610AG1UP0850	
935	36.81	LBP610AUP0935	LBP610AG1UP0935	
1020	40.16	LBP610AUP1020	LBP610AG1UP1020	

Belts wider than 1020 mm (40.16") are available in 85 mm (3.35") increments.
 To identify the Part Numbers, please substitute the last four digits of the PN with the desired width.
 Example: for a 1105 mm wide belt (=1020+85mm) without guide, the PN is "LBP610AUP1105".