

Standard Single Pitch Conveyor LAMBDA®

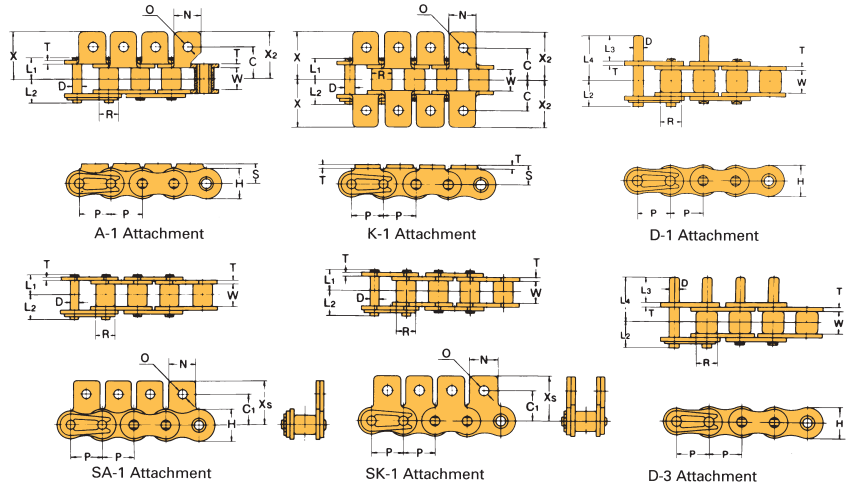
LAMBDA for conveyor applications.

- Operates in temperatures up to 302°F
- Cost-effective, lube-free conveyor chain for your operation
- A variety of attachments for industry specific applications

Nickel-Plated Single Pitch Conveyor LAMBDA

LAMBDA for corrosion resistance in conveyor applications.

- Operates in temperatures up to 302°F
- Ideal for mildly corrosive environments
- Long-lasting and lube-free



Single Pitch Conveyor LAMBDA®

Chain Number	Pitch P	Roller Dia. R	Width Between Roller Link			Link Plates Thickness T	Link Plates Height H	Link Plates Dia. D	From Pin Head to C.L. L ₁	From Pin End to C.L. L ₂	Average Tensile Strength lbs.	Maximum Allowable Load lbs.	Approx. Weight lbs./ft.
			Plates	Link	Link Plates								
RSC35-LAMBDA▲	RSC35NP-LAMBDA▲	.375	*.200	.188	.050	.354	.118	.230	.270	2,115	342	0.22	
RSC40-LAMBDA	RSC40NP-LAMBDA	.500	.312	.312	.060	.472	.156	.325	.392	3,530	595	0.43	
RSC50-LAMBDA	RSC50NP-LAMBDA	.625	.400	.375	.080	.591	.200	.406	.472	5,730	970	0.70	
RSC60-LAMBDA	RSC60NP-LAMBDA	.750	.469	.500	.094	.713	.234	.506	.581	8,380	1,410	1.03	
RSC80-LAMBDA	RSC80NP-LAMBDA	1.000	.625	.625	.125	.949	.312	.640	.758	14,300	2,400	1.79	
RSC100-LAMBDA	RSC100NP-LAMBDA	1.250	.750	.750	.157	1.185	.375	.778	.900	22,500	3,840	2.69	

Chain Number	Pitch P	Attachment Dimensions												Additional weight per attachment (lbs.)		
		C	C ₁	N	O	S	X	X ₂	X _s	L ₃	L ₄	D	A&SA Att.	K&SK Att.	D Att.	
RSC35-LAMBDA▲	RSC35NP-LAMBDA▲	.375	.375	.375	.311	.102	.250	.563	.563	.573	.375	.575	.118	.002	.004	.002
RSC40-LAMBDA	RSC40NP-LAMBDA	.500	.500	.500	.375	.141	.315	.701	.701	.685	.375	.661	.156	.004	.008	.002
RSC50-LAMBDA	RSC50NP-LAMBDA	.625	.625	.625	.500	.205	.406	.922	.922	.906	.469	.827	.200	.006	.013	.004
RSC60-LAMBDA	RSC60NP-LAMBDA	.750	.750	.719	.625	.205	.469	1.110	1.110	1.057	.563	1.018	.234	.015	.030	.006
RSC80-LAMBDA	RSC80NP-LAMBDA	1.000	1.000	.969	.752	.268	.625	1.441	1.441	1.396	.752	1.335	.312	.028	.057	.154
RSC100-LAMBDA	RSC100NP-LAMBDA	1.250	1.250	1.252	1.000	.343	.780	1.768	1.768	1.732	.937	1.644	.375	.057	.114	.264

Notes:

1. Conveyor LAMBDA should not be used in drive applications. It is designed for conveyor applications where the speeds are generally lower and the center distances are longer than those found in drive applications. Conveyor series LAMBDA, except for RSC35-LAMBDA, has the same dimensions and the same working load as our standard attachment chain and the same link plate thickness as standard. RS35 standard connecting links cannot be used for RSC35-LAMBDA due to the difference in pin diameter.
2. Drive LAMBDA and Conveyor LAMBDA chains cannot be intercoupled.
3. Connecting links for RSC80-LAMBDA ~ RSC100-LAMBDA and RSC80NP-LAMBDA ~ RSC100NP-LAMBDA have cottered pins.
4. RSC35-LAMBDA lasts up to 5 times longer than standard roller chain without additional lubrication.

▲ Rollerless
* Bushing Diameter