

REXNORD® REXPRO® LEAF CHAIN

HIGH PERFORMANCE BY REXNORD



INDUSTRIES SERVED

- Logistics and transportation
- Fork lift trucks
- Telescopic handlers
- Machine tools

FEATURES

- High fatigue strength and improved wear resistance
- Improved protection against chain joint stiffness
- Dimensions in accordance with ISO and ANSI
- Manufactured from high-performance materials
- Calibrated plate holes
- Shot-peened components
- Silver Label with batch number for full traceability

BENEFITS

- Minimal running-in elongation
- Long service life
- High impact resistance
- Robust under tough conditions
- Maximum operating reliability

LUBRICATION

- Improved protection with Rexnord RexPro Lubrication
- Lubrication with NSF H2 certification, RoHS:2011 compliant for electronics industry
- Operating temperature: - 30° C to + 130° C (special lubrication can expand range to - 40° C to + 250° C)
- Very good surface adhesion; remains drip-resistant even at high temperatures
- Lubrication without heavy metals, Teflon or silicone

Rexnord RexPro Leaf Chain is the standard for high performance leaf chain applications. With its outstanding fatigue strength and wear resistance it's a very robust chain, even in difficult conditions.

HIGH-QUALITY MATERIALS

The Rexnord RexPro Leaf Chain is manufactured with heavy-duty steel and lubricated with Rexnord RexPro Lubrication which results in a reliable chain for tough applications.

DYNAMIC SAFETY FOR LIFTING APPLICATIONS

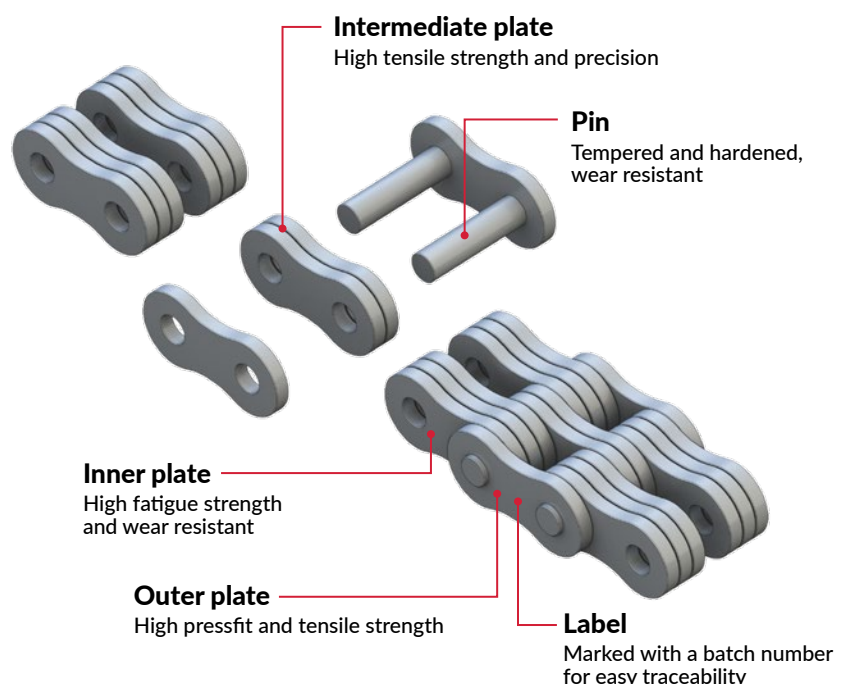
The combination of high-performance steel, an optimized manufacturing process and Rexnord RexPro lubrication make the chain ideal for the widest range of heavy-duty applications and offer high dynamic load capacity.

TRACEABILITY WITH SILVER LABEL

The silver colored outer plates have a label number for full and consistent traceability.

CE MARKING

All Rexnord RexPro Leaf Chains have the CE marking because they fulfill the requirements of Machinery Directive 2006/42/EC.



REXNORD® REXPRO® LEAF CHAIN

Rexnord RexPro Leaf Chain is available in F Series European Standard, BL Heavy and AL Light Series American Standard. In the following tables only the most common sizes of the F Series and BL Heavy Series are shown. For larger sizes and the AL Light Series, please contact Regal Rexnord™.

F-SERIES - EUROPEAN STANDARD - REXNORD REXPRO LEAF CHAIN ISO 4347

Chain No.*	ISO Chain No.	Pitch		Lacing	Pin diameter d ₁ max.	Plate depth g	Plate thickness s	Length over 100 pitches 100 p	Pin length B max.	Width between outer plates b ₃ min.	Bearing area A	Required minimum tensile strength F _U	Rexnord minimum tensile strength	Fatigue strength F _D	Weight q
		p													
		Inch	mm												
F 15-44	LL 1044	0.625	15.875	4 x 4	5.08	12.8	1.5	1596	15.0	9.6	0.30	44 000	48 000	6 800	1.0
F 15-66	LL 1066			6 x 6					21.5	16.0	0.46	66 000	72 000	8 800	1.4
F 19-44	LL 1244	0.75	19.05	4 x 4	7.92	14.8	1.8	1894	18.0	11.4	0.41	58 000	64 000	9 500	1.4
F 19-66	LL 1266			6 x 6					25.7	19.0	0.62	87 000	96 000	12 000	2.1
F 19V-44	-	0.75	19.05	4 x 4	6.50	15.2	2.35	1905	22.8	14.7	0.61	-	80 000	-	1.8
F 19V-66	-			6 x 6					32.7	24.5	0.92	-	120 000	-	2.5
F 25-44	LL 1644	1	25.04	4 x 4	8.28	20.5	3	2540	28.7	18.6	0.99	120 000	140 000	25 000	2.9
F 25-66	LL 1666			6 x 6					41.2	31.0	1.49	180 000	210 000	30 000	4.3
F 25-88	LL 1688			8 x 8					53.8	43.4	1.99	240 000	280 000	-	5.8
F 31-44	LL 2044	1.25	31.75	4 x 4	10.19	25.7	3.5	3155	33.7	21.8	1.43	190 000	200 000	32 400	4.3
F 31-66	LL 2066			6 x 6					48.6	36.6	2.14	285 000	300 000	37 500	6.4
F 31-88	LL 2088			8 x 8					63.5	51.4	2.85	380 000	400 000	-	8.4
F 38-44	LL 2444	1.5	38.1	4 x 4	14.63	33	5	3795	46.9	31.2	2.93	340 000	340 000	-	8.2
F 38-66	LL 2466			6 x 6					68.3	52.4	4.39	510 000	510 000	-	12.2
F 38-88	LL 2488			8 x 8					89.7	73.5	5.85	680 000	680 000	-	16.2

* Please contact Regal Rexnord regarding precision of fit with ISO or ANSI anchors

BL SERIES - AMERICAN STANDARD - REXNORD REXPRO LEAF CHAIN ISO 4347

Chain No.*	ISO Chain No.	Pitch		Lacing	Pin diameter d ₁ max.	Plate depth g	Plate thickness s	Length over 100 pitches 100 p	Pin length B max.	Width between outer plates b ₃ min.	Bearing area A	Required minimum tensile strength F _U	Rexnord minimum tensile strength	Fatigue strength F _D	Weight q
		p													
		Inch	mm												
BL 523	LH 1023	0.625	15.875	2 x 3	5.94	14.6	2.4	1596	15.0	7.4	0.43	33 400	40 000	10 500	1.1
BL 534	LH 1034			3 x 4					20.0	12.3	0.57	48 900	60 000	11 500	1.5
BL 544	LH 1044			4 x 4					22.5	14.7	0.57	66 700	80 000	12 000	1.8
BL 546	LH 1046			4 x 6					27.4	19.6	0.86	66 700	80 000	14 000	2.2
BL 566	LH 1066			6 x 6					32.3	24.5	0.86	100 100	120 000	15 200	2.6
BL 588	LH 1088			8 x 8					42.2	34.3	1.14	133 600	160 000	17 000	3.4
BL 623	LH 1223	0.75	19.05	2 x 3	7.92	17.9	3.1	1905	20.0	9.6	0.74	48 900	62 000	16 300	1.8
BL 634	LH 1234			3 x 4					26.4	16.0	0.98	75 600	93 000	17 400	2.5
BL 644	LH 1244			4 x 4					29.5	19.2	0.98	97 900	124 000	19 000	2.9
BL 646	LH 1246			4 x 6					35.9	25.6	1.47	97 900	124 000	21 500	3.6
BL 666	LH 1266			6 x 6					42.5	32.0*	1.47	146 800	186 000	24 500	4.3
BL 823	LH 1623			8 x 8					70.8	57.9	2.97	338 000	440 000	45 000	9.6
BL 834	LH 1634	1.00	25.4	2 x 3	9.53	23.6	4.0	2540	24.8	12.3	1.14	84 500	110 000	30 000	3.0
BL 844	LH 1644			3 x 4					33.1	20.5	1.52	129 000	165 000	32 000	4.2
BL 846	LH 1646			4 x 4					37.3	24.7	1.52	169 000	220 000	33 500	4.8
BL 866	LH 1666			4 x 6					45.7	33.0	2.29	169 000	220 000	38 500	6.0
BL 888	LH 1688			6 x 6					54.1	41.3	2.29	253 600	330 000	41 850	7.2
BL 1023	LH 2023			8 x 8					70.8	57.9	2.97	338 000	440 000	45 000	9.6
BL 1034	LH 2034	1.25	31.75	2 x 3	11.10	29.2	4.7	3179	28.9	14.4	1.56	115 600	164 000	47 500	4.4
BL 1044	LH 2044			3 x 4					38.8	24.1	2.09	182 400	246 000	50 000	6.2
BL 1046	LH 2046			4 x 4					43.7	29.0	2.09	231 200	328 000	55 000	7.0
BL 1066	LH 2066			4 x 6					53.5	38.4*	3.12	231 200	328 000	62 000	8.7
BL 1088	LH 2088			6 x 6					63.5	48.6*	3.12	347 000	492 000	69 000	10.5
BL 1223	LH 2423			8 x 8					83.2	68.2*	4.17	462 400	656 000	74 000	13.9
BL 1234	LH 2434	1.50	38.1	2 x 3	12.70	34.4	5.5	3810	33.6	16.8	2.1	151 200	200 000	64 000	6.0
BL 1244	LH 2444			3 x 4					45.5	28.0	2.8	224 600	300 000	68 000	8.3
BL 1246	LH 2446			4 x 6					51.2	33.6	2.8	302 400	400 000	72 000	9.5
BL 1266	LH 2466			6 x 6					62.7	44.8	4.2	302 400	400 000	82 000	11.8
BL 1288	LH 2488			8 x 8					74.5	56.0*	4.2	453 600	600 000	90 000	14.1
									97.8	78.4*	5.4	604 800	800 000	98 000	18.8

* Please contact Regal Rexnord regarding precision of fit with ISO or ANSI anchors



Motion Control Solutions
Regal Rexnord

Contact us: rexnord.com/contact

regalrexnord.com

The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

To view our Standard Terms and Conditions of Sale, please visit <https://www.regalrexnord.com/Terms-and-Conditions-of-Sale> (which may redirect to other website locations based on product family).

*Regal Rexnord® is not indicative of legal entity.

Regal Rexnord, Rexnord and RexPro are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

© 2018, 2022 Regal Rexnord Corporation, All Rights Reserved. MCSSP21051E • Form# ECE5-015_A4E

