

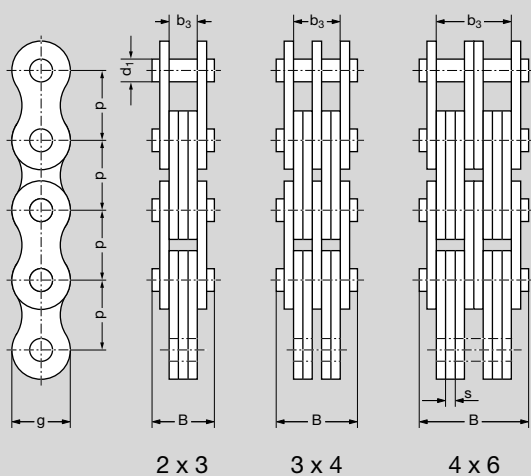
Leaf chains



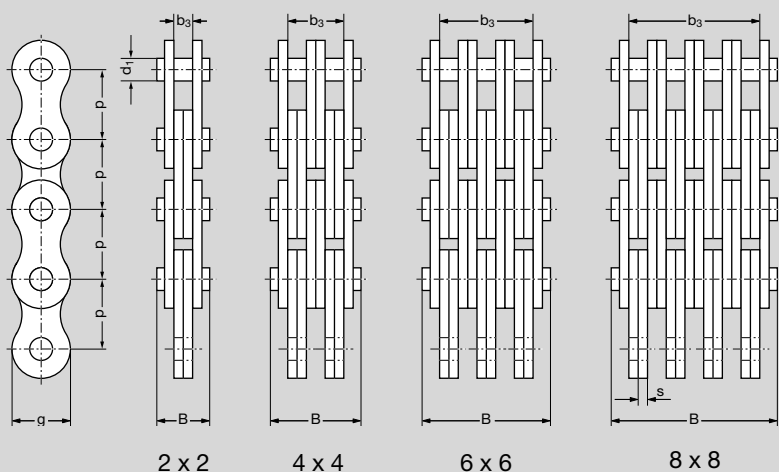
Safety lifting chains.

Leaf Chains are often a safety-critical component part. For this reason Rexnord Leaf Chains are supplied marked with a batch number. This allows traceability to process and inspection records right back to the raw material and its supplier.

Leaf chains, odd lacings



Leaf chains, even lacings



Leaf chains acc. to ISO 4347 / DIN 8152, American standard, Heavy series

Chain No.	Chain description ISO DIN	Pitch p		Plate combinations	Pin Ø d ₁ max. mm	Link plate height g mm	Link plate thick s mm	Length over 100 x Pitch ■ mm	Total width B max. mm	Bearing area A cm ²	Link plate width b ₃ min. mm	Min. ultimate strength required*) acc. to DIN ISO F _B N	Weight ≈ q kg/m
		inch	mm										
BL 422	LH 0822	0.50	12.7	2 x 2	5.08	11.7	2.0	1277	10.9	0.20	4.2	22 200	0.60
BL 423	LH 0823			2 x 3					13.0	0.30	6.3	22 200	0.65
BL 434	LH 0834			3 x 4					17.1	0.41	10.5	33 300	0.90
BL 444	LH 0844			4 x 4					19.25	0.41	12.6	44 400	1.02
BL 446	LH 0846			4 x 6					23.45	0.61	16.8	44 400	1.26
BL 466	LH 0866			6 x 6					27.6	0.61	21.0	66 600	1.51
BL 523	LH 1023	0.625	15.875	2 x 3	5.94	14.6	2.4	1596	15.0	0.43	7.4	33 400	1.1
BL 534	LH 1034			3 x 4					20.0	0.57	12.3	50 100	1.5
BL 544	LH 1044			4 x 4					22.5	0.57	14.7	66 800	1.8
BL 546	LH 1046			4 x 6					27.3	0.86	19.6	66 800	2.2
BL 566	LH 1066			6 x 6					32.3	0.86	24.5	100 200	2.6
BL 588	LH 1088			8 x 8					42.2	1.14	34.3	133 600	3.4
BL 622	LH 1222	0.75	19.05	2 x 2	7.92	17.8	3.1	1908	16.6	0.51	6.4	48 900	1.5
BL 623	LH 1223			2 x 3					19.9	0.74	9.6	48 900	1.8
BL 634	LH 1234			3 x 4					26.5	0.98	16.0	73 400	2.5
BL 644	LH 1244			4 x 4					29.7	0.98	19.3	97 800	2.9
BL 646	LH 1246			4 x 6					36.3	1.47	25.8	97 800	3.6
BL 666	LH 1266			6 x 6					42.7	1.47	32.2	146 900	4.3
BL 822	LH 1622	1.00	25.4	2 x 2	9.53	23.6	4.0	2540	20.6	0.74	8.2	84 500	2.4
BL 823	LH 1623			2 x 3					24.8	1.14	12.3	84 500	3.0
BL 834	LH 1634			3 x 4					33.1	1.52	20.5	126 800	4.2
BL 844	LH 1644			4 x 4					37.3	1.52	24.7	169 000	4.8
BL 846	LH 1646			4 x 6					45.7	2.29	33.0	169 000	6.0
BL 866	LH 1666			6 x 6					54.0	2.29	41.3	253 600	7.2
BL 888	LH 1688			8 x 8					70.7	2.97	57.9	338 000	9.6
BL 1023	LH 2023	1.25	31.75	2 x 3	11.1	29.2	4.7	3179	28.9	1.56	14.4	115 600	4.4
BL 1034	LH 2034			3 x 4					38.7	2.09	24.0	173 400	6.2
BL 1044	LH 2044			4 x 4					43.7	2.09	28.8	231 200	7.0
BL 1046	LH 2046			4 x 6					53.5	3.12	38.4	231 200	8.7
BL 1066	LH 2066			6 x 6					63.4	3.12	48.0	346 800	10.5
BL 1088	LH 2088			8 x 8					83.0	4.17	67.2	462 400	13.9
BL 1223	LH 2423	1.50	38.1	2 x 3	12.7	34.4	5.5	3812	33.6	2.10	16.8	151 200	6.0
BL 1234	LH 2434			3 x 4					45.5	2.79	28.0	226 800	8.3
BL 1244	LH 2444			4 x 4					51.2	2.79	33.6	302 400	9.5
BL 1246	LH 2446			4 x 6					62.7	4.2	44.8	302 400	11.8
BL 1266	LH 2466			6 x 6					74.5	4.2	56.0	453 600	14.1
BL 1288	LH 2488			8 x 8					97.8	5.4	78.4	604 800	18.8
BL 1423	LH 2823	1.75	44.45	2 x 3	14.27	40.8	6.3	4445	38.2	2.7	19.2	191 300	8.3
BL 1434	LH 2834			3 x 4					51.7	3.6	32.0	287 000	11.6
BL 1444	LH 2844			4 x 4					58.2	3.6	38.4	382 600	13.2
BL 1446	LH 2846			4 x 6					71.5	5.4	51.2	382 600	16.4
BL 1466	LH 2866			6 x 6					85.0	5.4	64.0	574 000	19.7
BL 1488	LH 2888			8 x 8					111.7	7.2	89.6	765 200	25.9
BL 1623	LH 3223	2.00	50.8	2 x 3	17.46	47.9	7.0	5080	42.1	3.67	21.3	289 100	11.0
BL 1634	LH 3234			3 x 4					57.0	4.89	35.5	433 700	15.4
BL 1644	LH 3244			4 x 4					63.8	5.0	42.6	578 200	17.5
BL 1646	LH 3246			4 x 6					78.9	7.33	56.8	578 200	21.8
BL 1666	LH 3266			6 x 6					95.0	7.33	71.0	867 400	26.2
BL 1688	LH 3288			8 x 8					125.6	9.78	99.4	1 156 400	34.9

BL leaf chains can be directly fastened by using connecting pins. They do not need additional end plates.

Wherever possible, it is best to select BL- leaf chains.

Further plate combinations upon request.

Please note the following the specs.:

Length over 100 x Pitch

■ chain length: Tolerance $\pm 0.25\%$ of uncoiled chain under measured load. Measured force = $\frac{F_B}{100}$

F = pin and plate dimensions correspond to roller chain series acc. to DIN 8187.

AL = pin and plate dimensions correspond to ANSI standard.

BL = pin and plate dimensions correspond to ANSI standard, however these leaf chains possess the plate thickness and pin Ø of the next largest corresponding chain size, to achieve a larger bearing area and tensile strength, and consequently longer working life for the BL leaf chains.

*) Details about the effective higher Rexnord ultimate strengths and fatigue strength values are available upon request.