

CLIMAX[®] QUALITY ROLLER CHAIN



LDA chain specialists

A NEW DIMENSION IN TRANSMISSION AND CONVEYING CHAIN

CLIMAX[®] QUALITY ROLLER CHAIN

Established in 1980 LDA is a leading specialist in the supply of a diverse range of transmission chain, conveyor chain, and associated accessories.

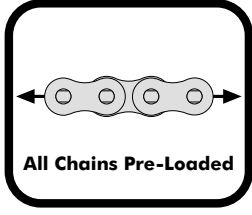
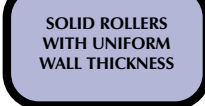
The 'Climax' brand name with over 100 years of tradition and experience in supplying world markets, produces the very best quality product meeting exacting standards for mechanical drive and conveying chain in today's market.

LDA's vast experience and technical competence in design, specification and manufacturing means the LDA - Climax partnership will always deliver the best, most cost effective solution to meet our customer's requirements.

The 'Climax' range of 'Quality Roller Chain' available in both British and American standard have been developed to provide to the user a chain with manufacturing design features that formulate such factors as fatigue resistance, wear resistance and tensile strength to provide the very best solution for long chain life.

From agriculture to heavy manufacturing, food processing and packaging, LDA can supply, adapt and manufacture the right chain or attachment accessory to meet the customers application.

The LDA - Climax partnership optimizes the combination of market know-how, technical competence and the very best customer service.



BS

*Straight side plate

BS/DIN/ISO Chain No DIN 8187 / ISO 606 Standard	Pitch P mm	Roller diameter d1 mm	Width between inner plates b1 mm	Pin diameter d2 mm	Link height g max mm	Transverse pitch e mm	Total width a1 mm	Breaking load Din min. N	Weight per metre Kg/M
Simplex Roller Chain									
04B-1	6.00	4.00	2.80	1.85	5.00		10.30	3000	0.12
05B-1	8.00	5.00	3.00	2.31	7.10		11.70	5000	0.18
06B-1*	9.525	6.35	5.72	3.28	8.20		16.80	9000	0.41
81	12.70	7.75	3.30	3.66	9.90		11.70	8200	0.28
82	12.70	7.75	2.38	3.66	9.90		8.20	10000	0.26
83	12.70	7.75	4.88	4.09	10.30		14.40	12000	0.42
84	12.70	7.77	6.38	3.58	9.90		16.00	6800	0.38
08B-1	12.70	8.51	7.75	4.45	11.80		20.90	18000	0.70
10B-1	15.875	10.16	9.65	5.08	14.70		23.70	22400	0.95
12B-1	19.05	12.07	11.68	5.72	16.10		27.30	29000	1.25
16B-1	25.40	15.88	17.02	8.28	21.00		41.50	60000	2.70
20B-1	31.75	19.05	19.56	10.19	26.40		49.30	95000	3.60
24B-1	38.10	25.40	25.40	14.63	33.20		60.00	160000	6.70
28B-1	44.45	27.94	30.99	15.90	36.70		72.50	200000	8.30
32B-1	50.80	29.21	30.99	17.81	42.00		75.30	250000	10.50
Duplex Roller Chain									
06B-2*	9.525	6.35	5.72	3.28	8.20	10.24	27.10	16900	0.78
08B-2	12.70	8.51	7.75	4.45	11.80	13.92	34.90	32000	1.35
10B-2	15.875	10.16	9.65	5.08	14.70	16.59	40.30	44500	1.80
12B-2	19.05	12.07	11.68	5.72	16.10	19.46	46.80	57800	2.50
16B-2	25.40	15.88	17.02	8.28	21.00	31.88	73.40	106000	5.40
20B-2	31.75	19.05	19.56	10.19	26.40	36.45	85.10	170000	7.20
24B-2	38.10	25.40	25.40	14.63	33.20	48.36	107.60	280000	13.50
28B-2	44.45	27.94	30.99	15.90	37.00	59.56	131.40	360000	16.60
32B-2	50.80	29.21	30.99	17.81	42.20	58.55	133.90	450000	21.00
Triplex Roller Chain									
06B-3*	9.525	6.35	5.72	3.28	8.20	10.24	37.30	24900	1.18
08B-3	12.70	8.51	7.75	4.45	11.80	13.92	48.80	47500	2.00
10B-3	15.875	10.16	9.65	5.08	14.70	16.59	56.90	66700	2.80
12B-3	19.05	12.07	11.68	5.72	16.10	19.46	66.30	86700	3.80
16B-3	25.40	15.88	17.02	8.28	21.00	31.88	105.30	160000	8.00
20B-3	31.75	19.05	19.56	10.19	26.40	36.45	122.21	250000	11.00
24B-3	38.10	25.40	25.40	14.63	33.20	48.36	156.60	425000	21.00
28B-3	44.45	27.94	30.99	15.90	37.00	59.56	191.40	530000	25.00
32B-3	50.80	29.21	30.99	17.81	42.20	58.55	191.90	670000	32.00



ANSI

+Bush Chain

ANSI/ISO Chain No DIN 8188 / ISO 606 / ANSI B29.100 Standard	Pitch	Roller diameter	Width between inner plates	Pin diameter	Link height	Transverse pitch	Total width	Breaking load	Weight per metre
	P mm	d1 mm	b1 mm	d2 mm	g max mm	e mm	a1 mm	Din min. N	Kg/M

Simplex Roller Chain

25+	6.35	3.30	3.18	2.30	5.80		8.60	3500	0.14
35+	9.525	5.08	4.68	3.59	8.30		12.00	9000	0.33
40	12.70	7.95	7.85	3.96	11.80		18.30	14100	0.62
41	12.70	7.77	6.40	3.58	9.80		14.40	6800	0.38
50	15.875	10.16	9.40	5.08	15.00		22.20	22200	1.01
60	19.05	11.91	12.57	5.94	18.00		27.40	31800	1.48
80	25.40	15.88	15.75	7.92	24.00		36.80	56700	2.60
100	31.75	19.05	18.90	9.53	30.00		43.60	88500	3.75
120	38.10	22.23	25.22	11.10	36.00		54.70	127000	5.50
140	44.45	25.40	25.22	12.70	42.00		58.50	172400	7.20
160	50.80	28.58	31.55	14.27	48.00		68.40	226800	10.30

Heavy Duty and High Endurance Chains

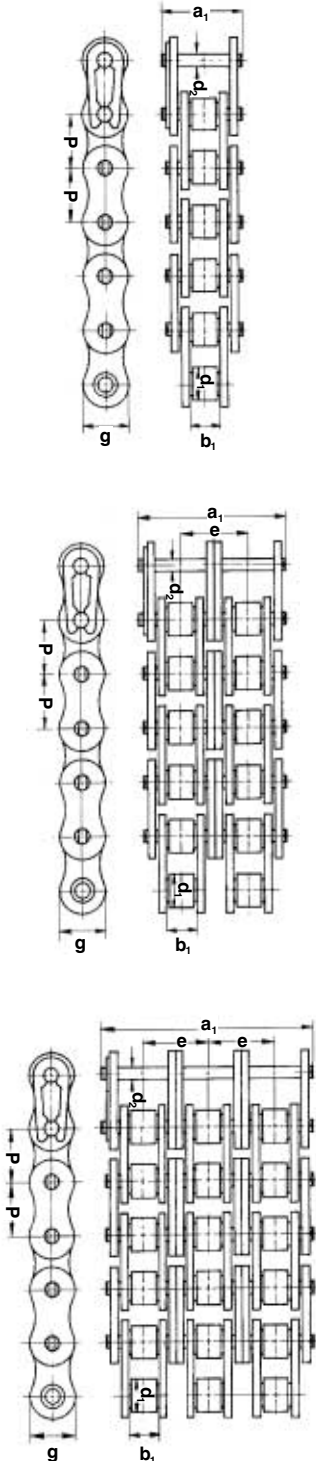
50H	15.875	10.16	9.40	5.08	15.00		38.70	31800	1.97
60H	19.05	11.91	12.57	5.94	18.00		47.30	56700	3.25
80H	25.40	15.88	15.75	7.92	24.00		56.20	88500	4.42
100H	31.75	19.05	18.90	9.53	30.00		67.20	127000	6.40
120H	38.10	22.23	25.22	11.10	36.00		72.80	172400	8.20
140H	44.45	25.40	25.22	12.70	42.00		83.30	226800	11.80
160H	50.80	28.58	31.55	14.27	48.00				

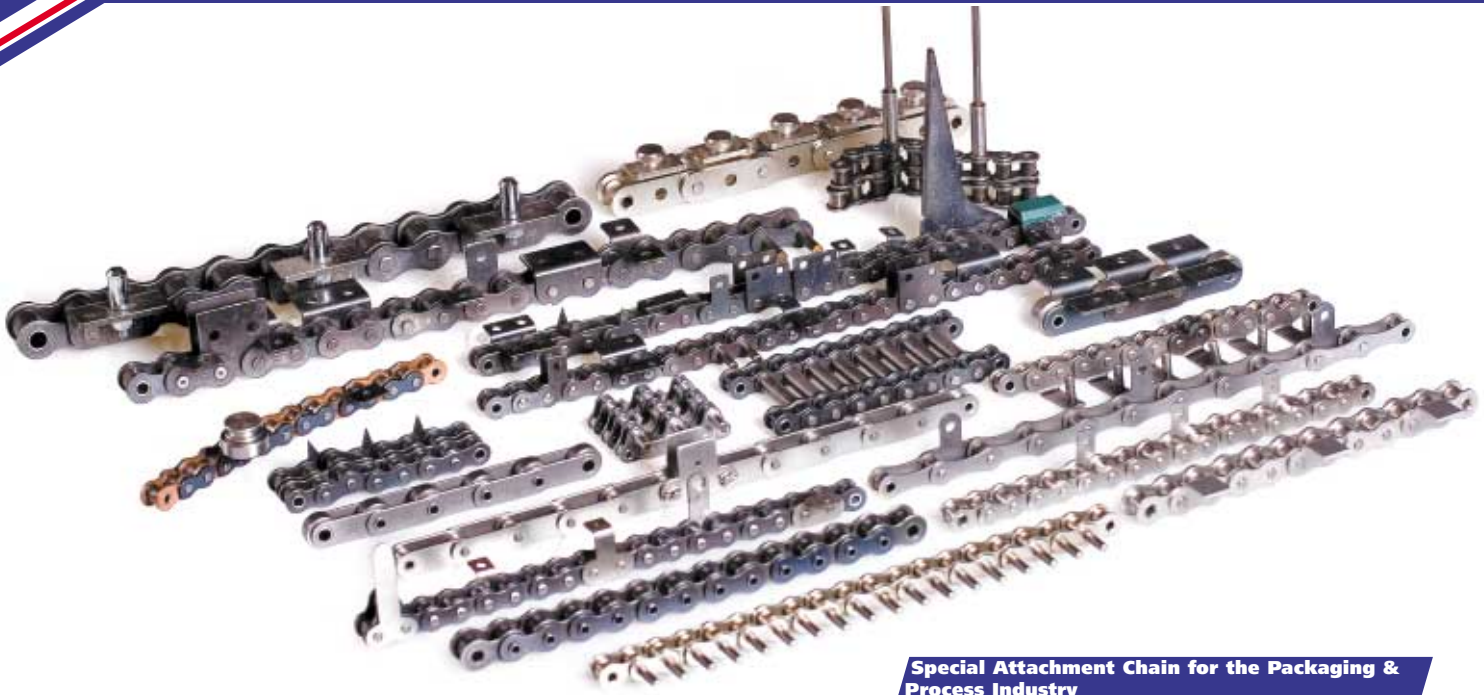
Duplex Roller Chain

25-2+	6.35	3.30	3.18	2.30	5.80	6.40	16.00	8000	0.27
35-2+	9.525	5.08	4.68	3.59	8.30	10.13	24.50	16900	0.65
40-2	12.70	7.95	7.85	3.96	11.80	14.38	33.00	28200	1.22
50-2	15.875	10.16	9.40	5.08	15.00	18.11	44.00	44400	2.00
60-2	19.05	11.91	12.57	5.94	18.00	22.78	50.40	63600	2.95
80-2	25.40	15.88	15.75	7.92	24.00	29.29	66.50	113400	5.20
100-2	31.75	19.05	18.90	9.53	30.00	35.76	79.60	177000	7.60
120-2	38.10	22.23	25.22	11.10	36.00	45.44	100.50	254000	10.80
140-2	44.45	25.40	25.22	12.70	42.00	48.87	107.80	344800	14.20
160-2	50.80	28.58	31.55	14.27	48.00	58.55	127.50	453600	19.50

Triplex Roller Chain

25-3+	6.35	3.30	3.18	2.30	5.80	6.40	22.40	12000	0.41
35-3+	9.525	5.08	4.68	3.59	8.30	10.13	34.70	27800	0.97
40-3	12.70	7.95	7.85	3.96	11.80	14.38	48.00	42300	1.83
50-3	15.875	10.16	9.40	5.08	15.00	18.11	58.90	66600	2.97
60-3	19.05	11.91	12.57	5.94	18.00	22.78	77.20	95400	4.35
80-3	25.40	15.88	15.75	7.92	24.00	29.29	96.00	170100	7.90
100-3	31.75	19.05	18.90	9.53	30.00	35.76	115.50	265500	11.40
120-3	38.10	22.23	25.22	11.10	36.00	45.44	146.10	381000	15.80
140-3	44.45	25.40	25.22	12.70	42.00	48.87	156.80	517200	21.50
160-3	50.80	28.58	31.55	14.27	48.00	58.55	186.10	680400	26.30





Special Attachment Chain for the Packaging & Process Industry



Extended Pin Chain



Stainless Steel, NP/ZP Solid & Hollow Pin Chain

Accumulation Chain



Brick & Block Industry Chains



LDA Transmission Engineering Limited
Unit 11 Bamford Business Park, Hibbert Street,
Whitehill Industrial Estate, Stockport, Cheshire SK4 1PL
Telephone: 0161 477 5252 Fax: 0161 477 9559
E-mail: lda.transmission@btconnect.com
www.ldachains.com

