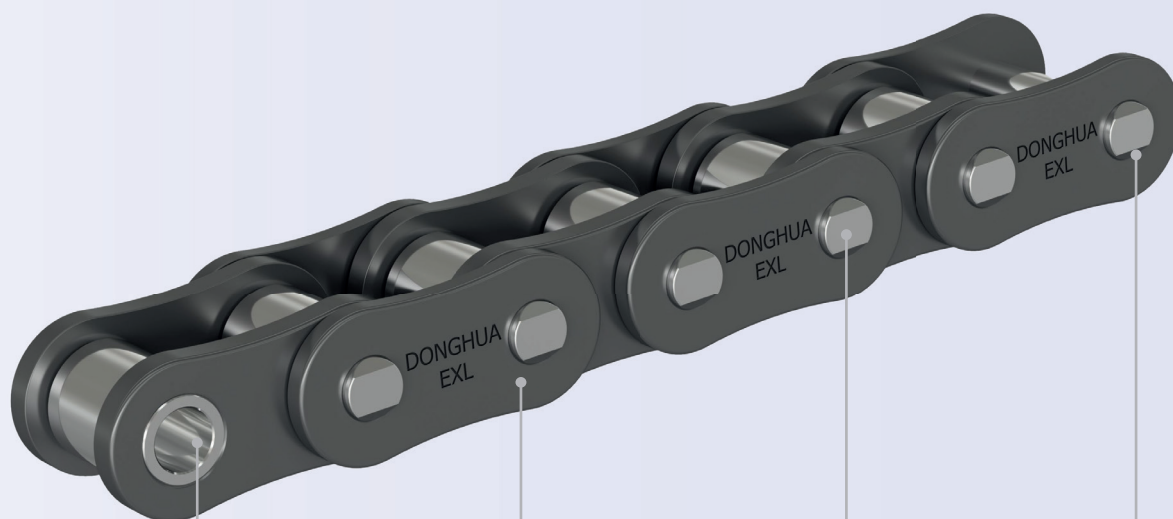




Solid bush
Solid roller

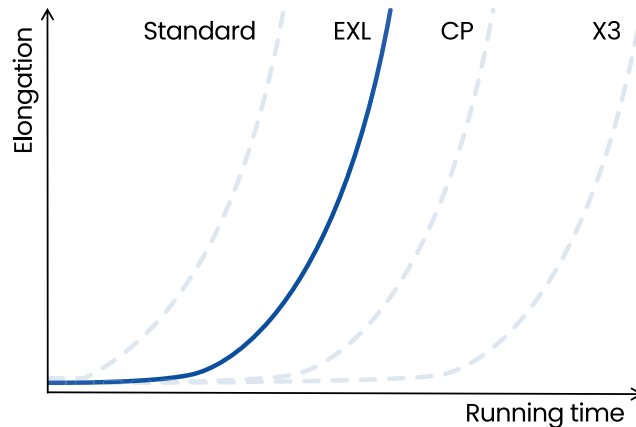
Wide waist
plate design

Easy break
technology

Special
lubrication

EXL-Roller Chain

The Donghua EXL Roller Chain is designed for superior strength and durability in demanding applications. Its hardened, shot-peened plates enhance fatigue resistance, while solid bushes and rollers ensure full contact for exceptional durability. Pre-lubricated with the special DH-2 lubricant designed to handle heavy workloads. Easy break technology for quick and easy cutting to length.

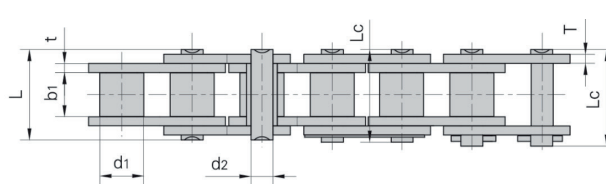
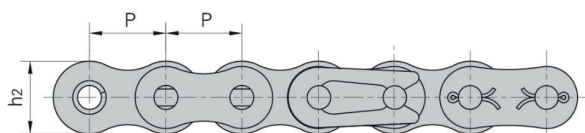


Technical highlights

- Solid bush and solid roller
- Wide waist plate design
- Shot peened parts
- Long service life
- Easy break technology
- High fatigue strength due to optimized press fit between pin and plate
- High wear resistance
- Chains are pre-loaded at 40 to 50% of the breaking load
- Standard pre-lubrication with premium DH-2 (temperature range -5 to 100 °C)
- Alternative lubricants available for special applications upon request

Industries

- Automotive
- Food & Beverage
- Agriculture
- Construction
- Logistics & Transportation
- Material Handling
- Wood Industry



Donghua Chain no.	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Tensile strength			Weight per meter
									Acc. to ISO 606	Acc. to Donghua		
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	F min	F min	F Average	q
	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kN
BS-Simplex												
#06B-1 EXL	9,525	6,35	5,72	3,28	13,15	14,10	8,20	1,30	9,00	9,40	10,40	0,41
08B-1 EXL	12,700	8,51	7,75	4,45	16,70	18,20	11,80	1,60	18,00	18,00	19,40	0,69
10B-1 EXL	15,875	10,16	9,65	5,08	19,50	20,90	14,70	1,70	22,40	24,80	27,50	0,93
12B-1 EXL	19,050	12,07	11,68	5,72	22,50	24,20	16,00	1,85	29,00	29,00	32,20	1,15
16B-1 EXL	25,400	15,88	17,02	8,28	36,10	37,40	21,00	4,15/3,1	60,00	69,40	77,10	2,71
20B-1 EXL	31,750	19,05	19,56	10,19	41,30	45,00	26,40	4,5/3,5	95,00	101,50	112,80	3,70
24B-1 EXL	38,100	25,40	25,40	14,63	53,40	57,80	33,20	6,0/4,8	160,00	160,20	178,00	7,10
28B-1 EXL	44,450	27,94	30,99	15,90	65,10	69,50	36,70	7,5/6,0	200,00	212,80	236,40	8,50
32B-1 EXL	50,800	29,21	30,99	17,81	66,00	71,00	42,00	7,0/6,0	250,00	250,00	277,50	10,25
ANSI-Simplex												
*35-1 EXL	9,525	5,08	4,77	3,58	12,40	13,17	9,00	1,30	7,90	10,20	11,30	0,33
40-1 EXL	12,700	7,95	7,85	3,96	16,60	17,80	12,00	1,50	14,10	16,70	18,60	0,62
50-1 EXL	15,870	10,16	9,40	5,08	20,70	22,20	15,09	2,03	22,20	28,20	31,30	1,02
60-1 EXL	19,050	11,91	12,57	5,94	25,90	27,70	18,00	2,42	31,80	38,90	43,20	1,50
80-1 EXL	25,400	15,88	15,75	7,92	32,70	35,00	24,00	3,25	56,70	66,90	74,30	2,60
100-1 EXL	31,750	19,05	18,90	9,53	40,40	44,70	30,00	4,00	88,50	96,80	107,60	3,91
120-1 EXL	38,100	22,23	25,22	11,10	50,30	54,30	35,70	4,80	127,00	146,80	163,10	5,62
140-1 EXL	44,450	25,40	25,22	12,70	54,40	59,00	41,00	5,60	172,40	200,30	222,50	7,50
160-1 EXL	50,800	28,58	31,55	14,27	64,80	69,60	47,80	6,40	226,80	240,20	266,90	10,10

*Bush chain: d1 in the table indicates the external diameter of the bush

#Straight side plates



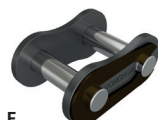
A
Outer Link



B
Inner Link



C
Double Offset Link



E
Connecting Link Spring



L
Single Offset Link



S
Connecting Link Cotter

Notes

- Duplex & Triplex chains are available in all sizes
- Double pitch conveyor chains are available on request.
- Attachment and extended pins are available on request
- Chains with straight side plates are available
- Different sizes are available on request

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