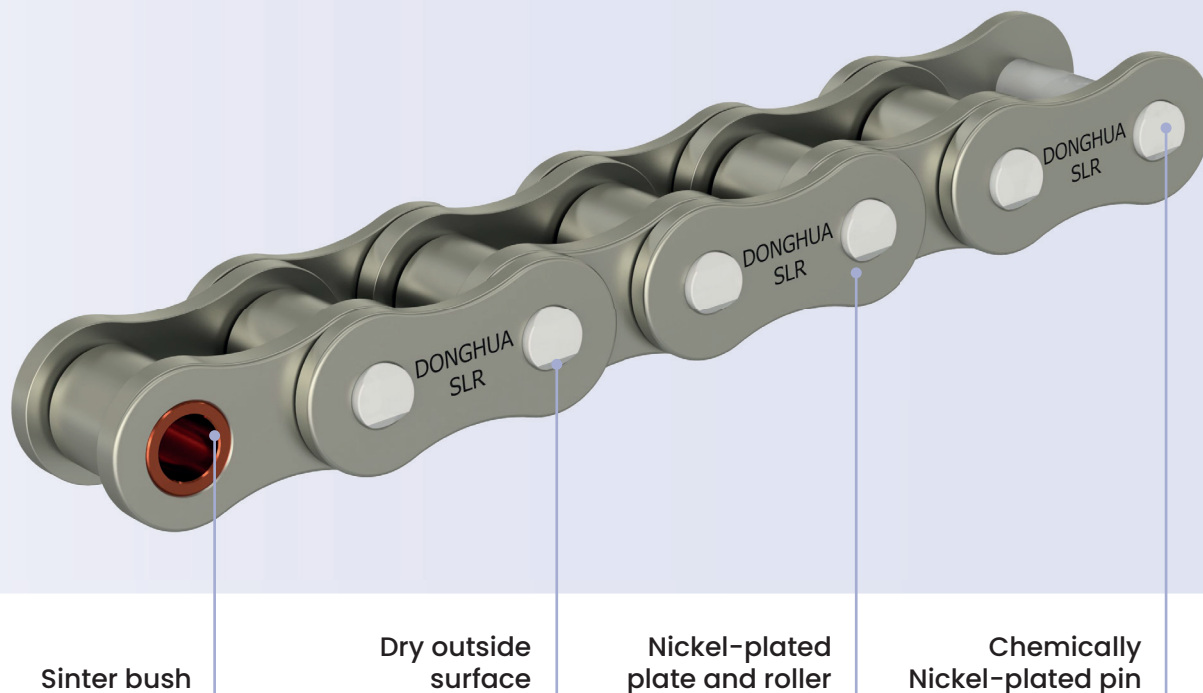


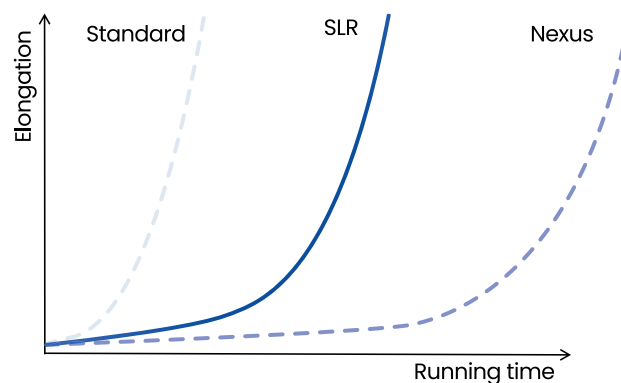
SLR (Self Lubricating Roller Chain)

Self lubrication maintenance free roller chain



SLR (Self Lubricating Roller chain)

Donghua SLR roller chains are designed for applications where no maintenance is required. These high performance chain is Nickel-plated for corrosion resistance. The pin is chemically Nickel-plated ($\pm 1000\text{HV}$) for improved service life. The key innovation lies in the oil-impregnated sintered steel bushes, which provide continuous lubrication during operation. This innovation makes it a clean and dry solution. Donghua SLR chains are ideal for light and low speed applications.

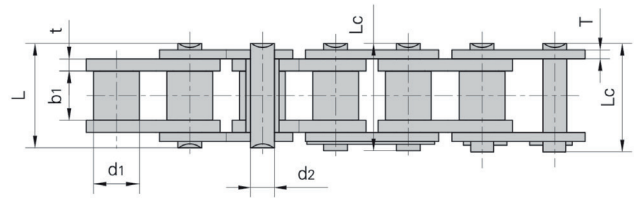
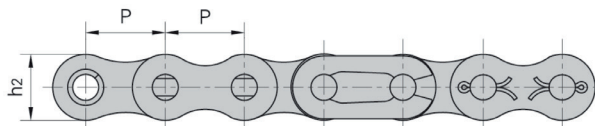


Technical highlights

- Nickel-plated plates and rollers
- Tensile strength is approximately 85% of the standard carbon steel chain
- Chemical Nickel-plated pins ($\pm 1000\text{HV}$)
- Oil impregnated sinter bushes
- For applications with speeds up to 2m/s without relubrication
- Extended bush prevents ingress of dirt and foreign objects
- Clean handling, prevents conveyed product contamination
- Temperature rang: -30 to $120\text{ }^{\circ}\text{C}$

Industries

- Electrical industry
- Packaging industry
- Paper industry
- Textile industry
- Automotive industry



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

#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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