



NSL-Roller Chain

ROLLER TYPE SELF-LUBE CHAIN

**FDA
lube**

2018



NSL-Roller Chain

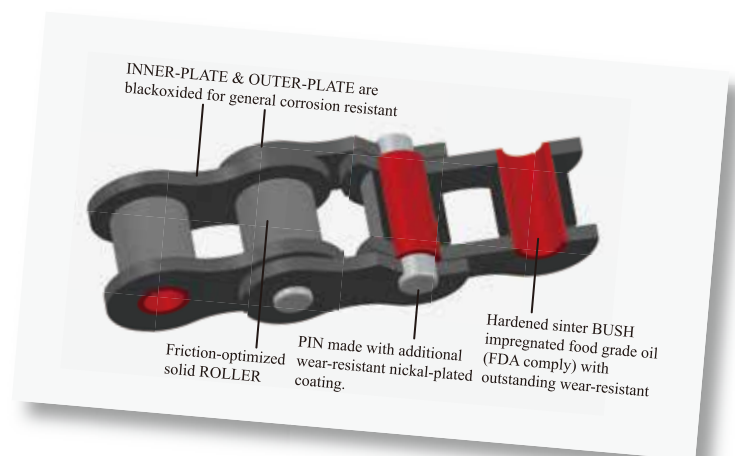
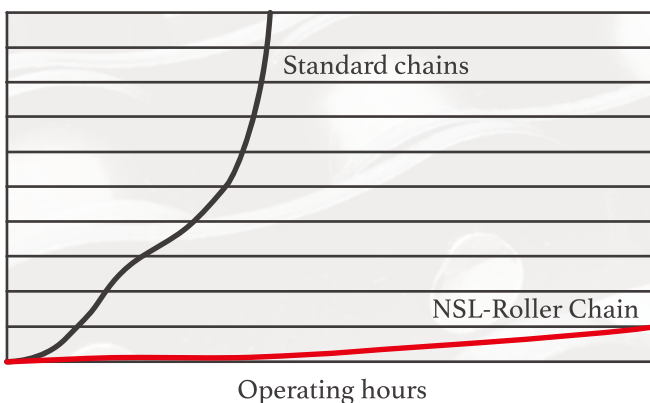
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NSL-Roller Chain is designed for use where oil based wet lubrication is difficult. The chain bushes are manufactured from a sintered alloy with lubricating oil impregnation at manufacture. This extends chain life and reduces maintenance costs.

Recommended applications - Where lubrication is difficult and/or chain elongation is unusually high. NSL chain saves time & money - Less time spent on applying lubricants and less money being spent on lubricants.

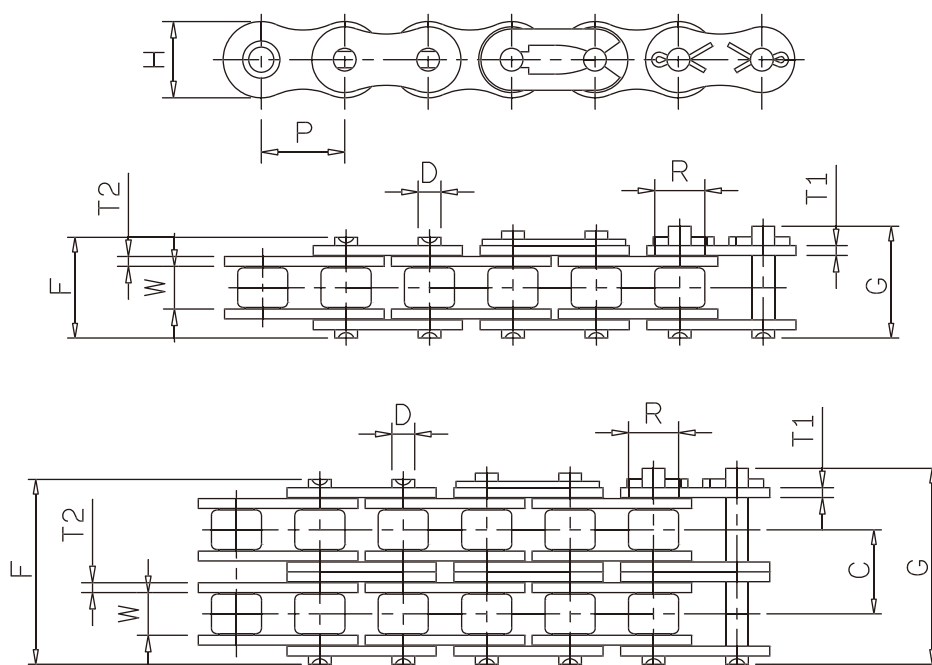
Applicable industries : Electronics, Clean areas, Paper processing, Print & Packaging, Food conveying, Automatic warehouse system....etc.





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CHAIN No.	Pitch		Width	Roller	Plate			Pin			Transverse	Ultimate Strength kgf(ave.)	Approx Weight kg/m	Max Recommended Operating Speed m/min
	P		w	Dia	Height	Thickness		Dia	Length		Pitch			
	inch	mm	(min)	R(max)	H(max)	T1	T2	D(max)	F(max)	G(max)	C			
40NSL(FG)	1/2"	12.70	7.85	7.92	11.81	1.50	1.50	3.96	17.8	21.7	---	1850	0.62	150
40NSL-2(FG)	1/2"	12.70	7.85	7.92	11.81	1.50	1.50	3.96	32.3	36.2	14.40	3700	1.22	150
50NSL(FG)	5/8"	15.875	9.40	10.16	15.09	2.00	2.00	5.09	21.8	25.9	---	3100	1.02	135
50NSL-2(FG)	5/8"	15.875	9.40	10.16	15.09	2.00	2.00	5.09	39.9	44.0	18.10	6200	2.02	135
60NSL(FG)	3/4"	19.05	12.57	11.91	18.10	2.40	2.40	5.96	26.9	31.5	---	4300	1.47	120
60NSL-2(FG)	3/4"	19.05	12.57	11.91	18.10	2.40	2.40	5.96	49.8	54.4	22.80	8600	2.91	120
80NSL(FG)	1"	25.40	15.75	15.88	24.13	3.20	3.20	7.94	33.5	38.9	---	7700	2.60	90
80NSL-2(FG)	1"	25.40	15.75	15.88	24.13	3.20	3.20	7.94	62.7	68.1	29.30	15400	5.15	90
08BNSL(FG)	1/2"	12.70	7.75	8.51	11.81	1.50	1.65	4.45	17.0	20.9	---	1900	0.69	150
08BNSL-2(FG)	1/2"	12.70	7.75	8.51	11.81	1.50	1.65	4.45	31.0	34.9	13.92	3400	1.34	150
10BNSL(FG)	0.625"	15.875	9.65	10.16	14.73	1.65	1.65	5.08	19.6	23.7	---	2600	0.91	135
10BNSL-2(FG)	0.625"	15.875	9.65	10.16	14.73	1.65	1.65	5.08	36.2	40.3	16.59	5200	1.79	135
12BNSL(FG)	0.75"	19.05	11.68	12.07	16.13	1.80	1.80	5.72	22.7	27.3	---	3200	1.24	120
12BNSL-2(FG)	0.75"	19.05	11.68	12.07	16.13	1.80	1.80	5.72	42.2	46.8	19.46	6400	2.45	120
16BNSL(FG)	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	36.1	41.5	---	7400	2.73	90
16BNSL-2(FG)	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	68.0	73.4	31.88	14800	5.40	90

1. Two versions of NSL-Roller Chain :

A. FG (standard) : utilizes FDA-approved oil impregnated bush, temperature range -10°C~145°C ;

B. FGH (optional) : utilizes FDA-approved oil impregnated bush for temperature range -20°C~220°C.

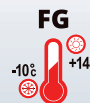
2. NSL-Roller Chain utilizes nickel plating pins & black oxide plates. Other optional corrosion resistant coatings available at request.

3. Supply cotter type conn link at ANSI 80; spring clip type conn link for other sizes.



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AVAILABLE COMPONENTS

CHAIN NO.	SC CL	CP CL	O/L	A1	SA1	WA2	WSA2	D1	D3
40NSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
50NSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
60NSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
80NSL	O	O	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
08BNSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
10BNSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
12BNSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O
16BNSL	O	X	X	Pin Link	Pin Link	Pin Link	Pin Link	O	O

NOTES FOR SELECTION OF CHAIN :

⌘ UNDER LIGHT OR MEDIUM LOAD.

⌘ MAXIMUM RECOMMENDED OPERATING SPEED :

- 40/08B : 150M/min
- 50/10B : 135M/min
- 60/12B : 120M/min
- 80/16B : 90M/min

⌘ SPROCKET : Standard Sprocket

⌘ COMPATIBILITY WITH OLD CHAIN MODEL :

- When replacing old chain model, always replace the entire chain.
- New chain cannot be connected to an old chain model, nor connecting parts.