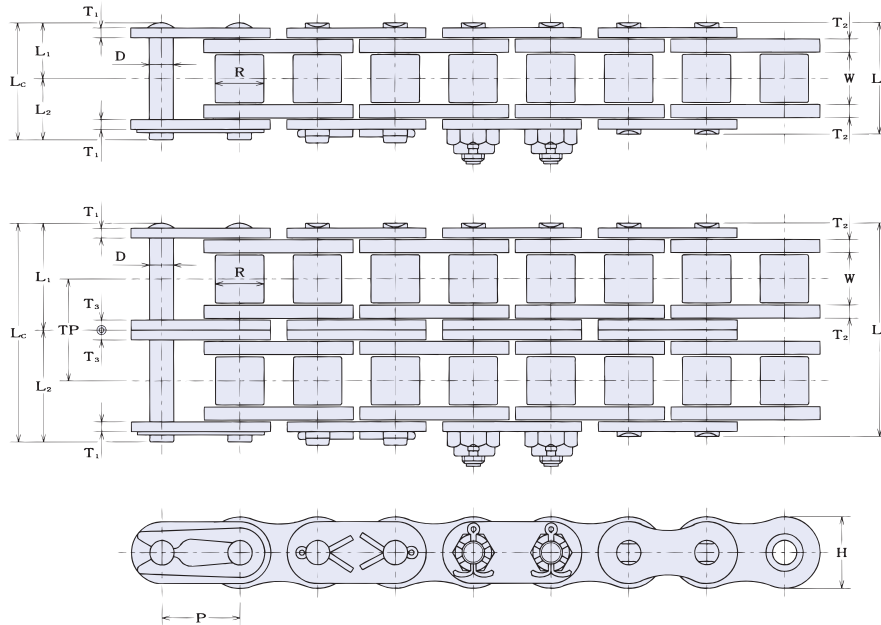


Sintered Steel Bushing SLR BS Standard Roller Chains



SINGLE STRANDS

SY Chain No.	Dimensions - mm													Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin					Plate				Trans. Pitch			
		Width	Dia.	Dia.	Length				Height	Thickness						
					P	W	R	D		LR	LC	L1				
08B-SLR	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	1.5	—	—	16.8	2.9	0.6
10B-SLR	15.875	9.65	10.16	5.08	19.4	20.7	9.7	11.0	14.5	1.65	1.65	—	—	24.6	4.4	0.9
12B-SLR	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	17.4	1.8	1.8	—	—	32.4	6.3	1.1
16B-SLR	25.40	17.02	15.87	8.26	35.2	38.2	17.6	20.6	21.0	3.1	3.9	—	—	74.6	12.2	2.6
20B-SLR	31.75	19.56	19.05	10.16	41.0	44.0	20.5	23.5	29.3	3.5	4.7	—	—	128.3	19.1	3.8
24B-SLR	38.10	25.40	25.40	14.63	53.4	58.1	26.7	31.4	35.1	5.0	5.9	—	—	195.6	25.5	7.3
28B-SLR	44.45	31.00	27.94	15.88	65.1	70.5	32.6	37.9	37.0	6.3	7.4	—	—	215.7	34.8	9.3
32B-SLR	50.80	31.00	29.21	15.88	64.2	69.6	32.1	37.5	42.2	6.3	6.9	—	—	274.6	44.1	9.9

MULTIPLE STRANDS

SY Chain No.	Dimensions - mm													Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin					Plate				Trans. Pitch			
		Width	Dia.	Dia.	Length			Height	Thickness							
					P	W	R		D	LR	LC	L1				
08B-SLR-2	12.70	7.75	8.51	4.45	30.6	31.9	15.3	16.6	11.8	1.5	1.5	1.25	13.92	33.6	3.8	1.3
10B-SLR-2	15.875	9.65	10.16	5.08	36.0	37.3	18.0	19.3	14.5	1.65	1.65	1.65	16.59	49.2	5.7	1.8
12B-SLR-2	19.05	11.68	12.07	5.72	41.6	43.1	20.8	22.3	17.4	1.8	1.8	1.8	19.46	64.8	8.2	2.9
16B-SLR-2	25.40	17.02	15.87	8.26	67.2	70.1	33.6	36.5	21.0	3.1	3.9	3.1	31.88	149.2	15.9	5.1
20B-SLR-2	31.75	19.56	19.05	10.16	76.8	80.6	38.4	42.2	29.3	3.5	4.7	3.5	36.45	256.6	24.8	7.3
24B-SLR-2	38.10	25.40	25.40	14.63	101.8	106.5	50.9	55.6	35.1	5.0	5.9	5.0	48.36	391.2	33.2	14.5
28B-SLR-2	44.45	31.00	27.94	15.88	124.7	130.0	62.4	67.6	37.0	6.3	7.4	6.3	59.56	431.4	45.2	18.5
32B-SLR-2	50.80	31.00	29.21	15.88	123.8	128.2	61.9	66.3	42.2	6.3	6.9	6.3	58.55	549.2	57.3	19.8

AQUA-Proof Roller Chains (AP-Series)

Feature

SY's Aqua-Proof roller chains are the perfect choice where corrosion resistance and high strength are needed. AP-Series chains are treated with a special rust preventative dual coating and its corrosion resistance is far superior to nickel or zinc plated chains.

No hydrogen embrittlement failures and same strength as Silver SBR steel roller chain

Results of corrosion resistant tests

Salt spray test

CHAINS	Initial rust observed(hours)
AP-Series	1000 (no rust)
Glossy chromating	72 — 96
Colored chromating	120 — 240
Molten zinc plating	120 — 240

Saturated salt water Immersion Test

CHAINS	Initial rust observed(hours)
Nickel plated	48
AP-Series	600 — 840
304 Stainless Steel	After 840 hours — No rust

Applications

Wash-down applications
Outdoor service
Farm equipment
Paper mills
Mining Industries

Applicable Chains

#40 — #240
Attachment chain is available.

Purpose of Special surface treatment

Linkplate : for anticorrosion
Other parts : for anticorrosion and to reduce friction

Caution

AQUA-Proof Roller Chains should not be used in applications where chain may come in contact with food. SY always recommends using stainless steel when contact with food is possible.

Applicable Chains

SY40AP - SY240AP
Attachment chain is available.
For identification, a suffix is added to the chain numbers.

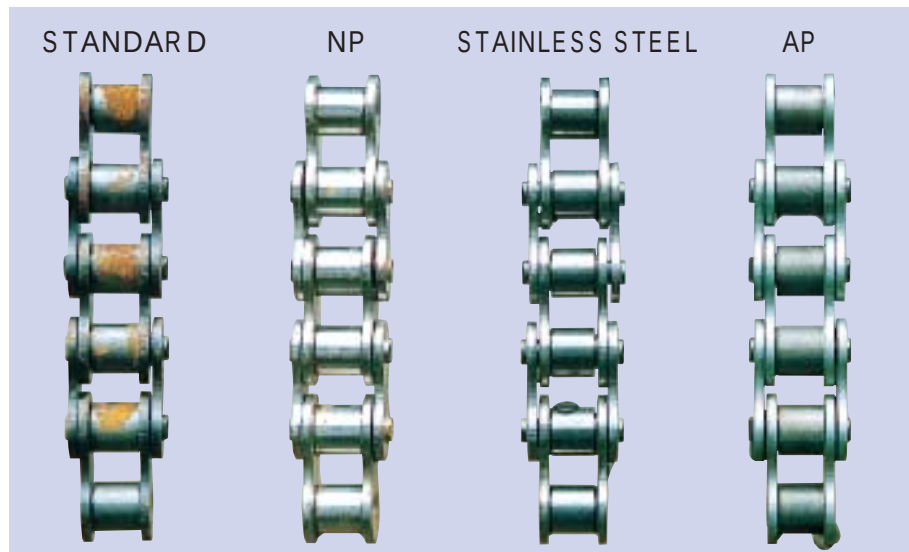
Note: SY's Aqua-Proof (AP) Roller chains with full line of attachments are available.

THE ULTIMATE ROLLER CHAIN LONG LIFE SERIES

S B R
AQUA-PROOF
ROLLER CHAIN

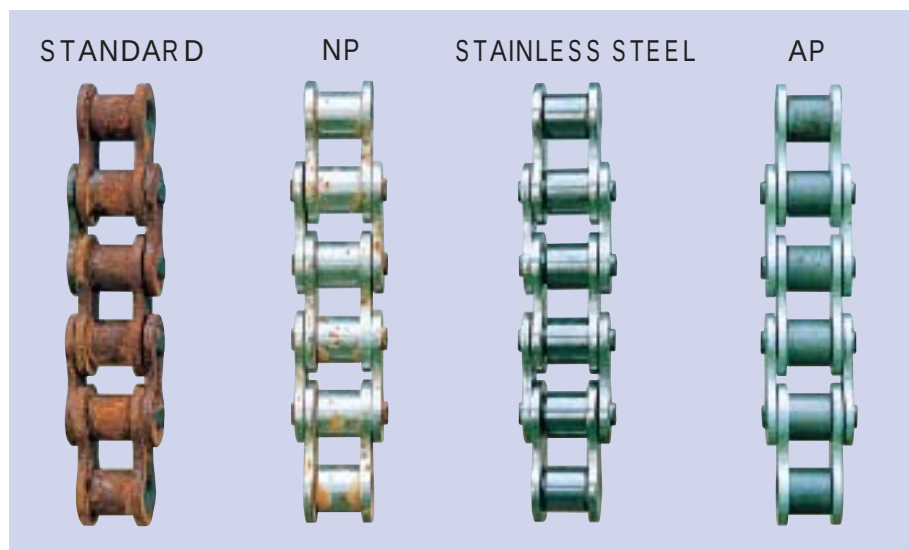
BS STANDARD ROLLER CHAINS
ANSI STANDARD ROLLER CHAINS
HEAVY-SERIES ROLLER CHAINS
S-SERIES ROLLER CHAINS
SUPER ROLLER CHAINS
OIL-FIELD CHAINS
ROLLERLESS CHAINS
STRAIGHT SIDEBAR CHAINS
DOUBLE PITCH ROLLER CHAINS etc.

Water/Salt Water Corrosion Resistance Test



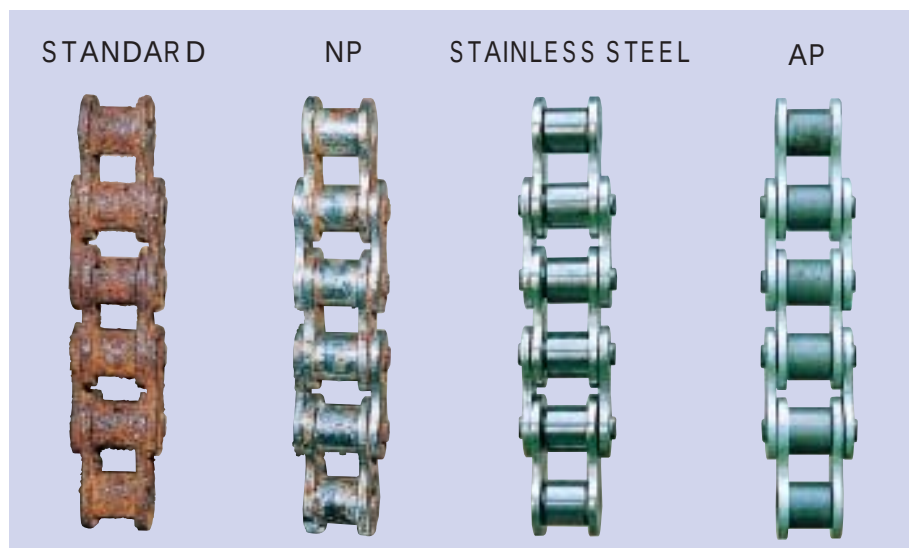
Test results after 3 days
chains left outdoors
water-sprayed once
in the morning and
evening

3days after



Test results after 15 days
chains left outdoors
water-sprayed once
in the morning and
evening

15days after



Test results after 15 days
chains left indoors
5% salt solution sprayed
once in the morning and
evening

15days after