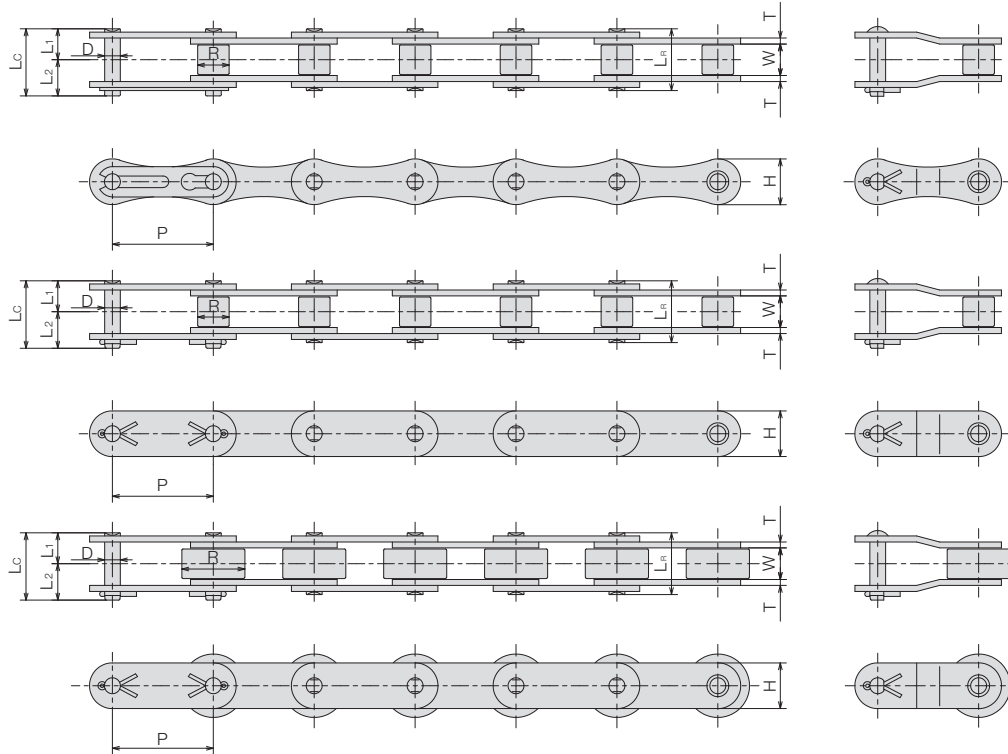


Nickel Plated Roller Chain

ANSI | Double Pitch | Anti Corrosion | NP

“NP” type roller chains are ideal for outdoor operations and in situations where machinery and equipment must be run in a lightly corrosive atmosphere or where good chain appearance may be desired. All components are plated before assembly to ensure complete protection of all parts. “NP” type roller chain is not lubricated prior to delivery unless otherwise specified. Please consult SUGIYAMA if lubrication is necessary before delivery.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm										Average Tensile Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m	
		Roller			Pin						Plate				
		Width W	Roller Type	Dia. R	Dia. D	Length				Height H	Thickness T				
				LR	LC	L1	L2								
SY A2040 NP	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	2.65	0.43	
SY A2050 NP	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	4.31	0.73	
SY A2060 NP	38.10	12.70	S	11.91	5.95	25.7	27.6	12.8	14.8	17.0	2.4	40.20	6.23	1.03	
SY A2080 NP	50.80	15.88	S	15.88	7.93	33.0	35.5	16.4	19.1	22.6	3.2	68.60	10.70	1.71	
SY C2040 NP	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	2.65	0.48	
SY C2042 NP			R	15.88											
SY C2050 NP	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	4.31	0.82	
SY C2052 NP			R	19.05											
SY C2060H NP	38.10	12.70	S	11.91	5.95	28.8	31.0	14.4	16.6	17.0	3.2	40.20	8.29	1.38	
SY C2062H NP			R	22.23											
SY C2080H NP	50.80	15.88	S	15.88	7.93	36.4	38.8	17.8	21.0	22.6	4.0	68.60	15.20	2.32	
SY C2082H NP			R	28.58											
SY C2100H NP	63.50	19.05	S	19.05	9.53	42.4	46.0	21.2	24.8	28.6	4.8	107.90	23.00	3.46	
SY C2102H NP			R	39.67											

The figure-eight shaped link plates are for drive chains. Roller Type “S” indicates a standard roller. Roller Type “R” indicates an oversized carrier roller. Roller Type “R” can be manufactured with plastic oversized carrier rollers. Do not use nickel plated chains in environments where coating flakes and wear dust can present problems.