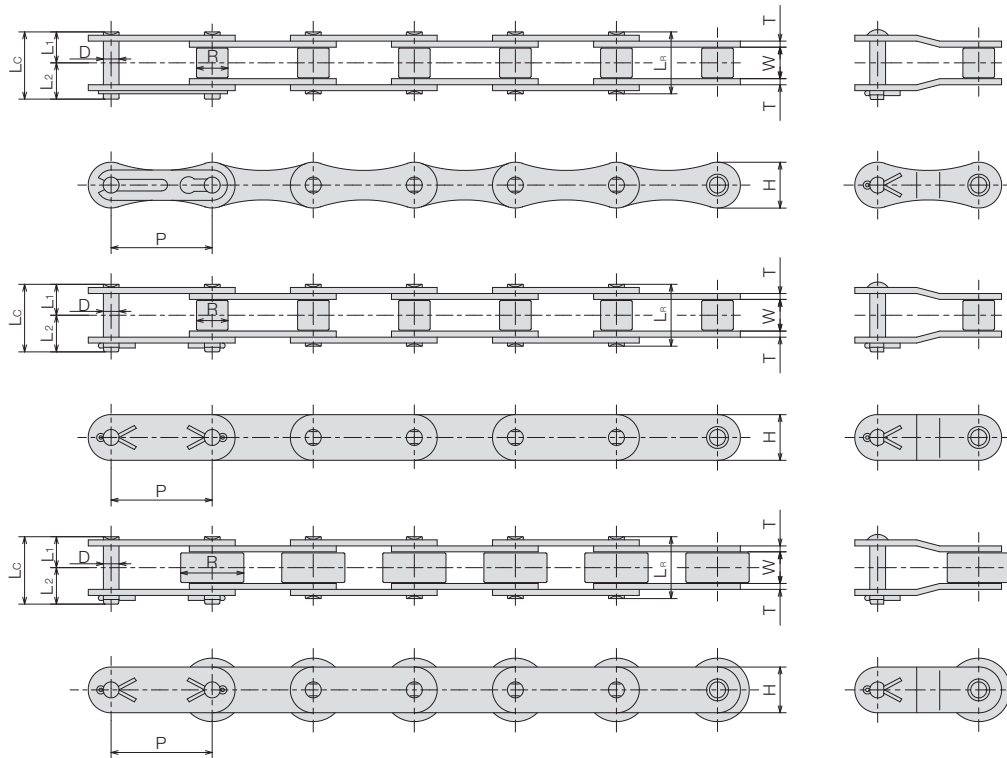


Stainless Steel Roller Chain

ANSI | Double Pitch | Anti Corrosion | SS

“SS” type roller chains are used in highly corrosive or extreme temperature environments. All component parts of SUGIYAMA stainless steel roller chains are made of 304 stainless steel to achieve the utmost corrosion and temperature resistance. 316 and 600 stainless steel roller chains are also available upon request.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

SY Chain No.	Pitch P	Dimension - mm										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			
SY A2040 SS	25.40	7.95	S	7.92	3.96	16.9	18.3	8.3	10.0	11.4	1.5	0.44	0.43
SY A2050 SS	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	0.68	0.73
SY A2060 SS	38.10	12.70	S	11.91	5.95	25.7	27.6	12.8	14.8	17.0	2.4	1.03	1.03
SY A2080 SS	50.80	15.88	S	15.88	7.93	33.0	35.5	16.4	19.1	22.6	3.2	1.77	1.71
SY C2040 SS	25.40	7.95	S	7.92	3.96	16.9	18.3	8.3	10.0	11.4	1.5	0.44	0.48
SY C2042 SS	25.40	7.95	R	15.88	3.96	16.9	18.3	8.3	10.0	11.4	1.5	0.44	0.82
SY C2050 SS	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	0.68	0.82
SY C2052 SS	31.75	9.53	R	19.05	5.08	20.5	22.2	10.2	12.0	15.0	2.0	0.68	1.26
SY C2060H SS	38.10	12.70	S	11.91	5.95	28.8	31.0	14.4	16.6	17.0	3.2	1.03	1.38
SY C2062H SS	38.10	12.70	R	22.23	5.95	28.8	31.0	14.4	16.6	17.0	3.2	1.03	2.08
SY C2080H SS	50.80	15.88	S	15.88	7.93	35.7	38.8	17.8	21.0	22.6	4.0	1.77	2.32
SY C2082H SS	50.80	15.88	R	28.58	7.93	35.7	38.8	17.8	21.0	22.6	4.0	1.77	3.36
SY C2100H SS	63.50	19.05	S	19.05	9.53	42.4	46.0	21.2	24.8	28.6	4.8	2.55	3.46
SY C2102H SS	63.50	19.05	R	39.67	9.53	42.4	46.0	21.2	24.8	28.6	4.8	2.55	5.64
SY C2120H SS	76.20	25.40	S	22.23	11.10	52.8	57.2	26.4	30.8	34.9	5.6	3.92	4.92
SY C2122H SS	76.20	25.40	R	44.45	11.10	52.8	57.2	26.4	30.8	34.9	5.6	3.92	7.87
SY C2160H SS	101.60	31.75	S	28.58	14.28	67.9	73.1	34.0	39.1	47.6	7.2	6.37	8.02
SY C2162H SS	101.60	31.75	R	57.15	14.28	67.9	73.1	34.0	39.1	47.6	7.2	6.37	12.77

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. Stainless steel chains are not lubricated prior to delivery. It is recommended to lubricate stainless steel chains before use except when the chain is exposed to water. Stainless steel chains may suffer articulation problems in early stages if they are used without lubrication.

Technical Information