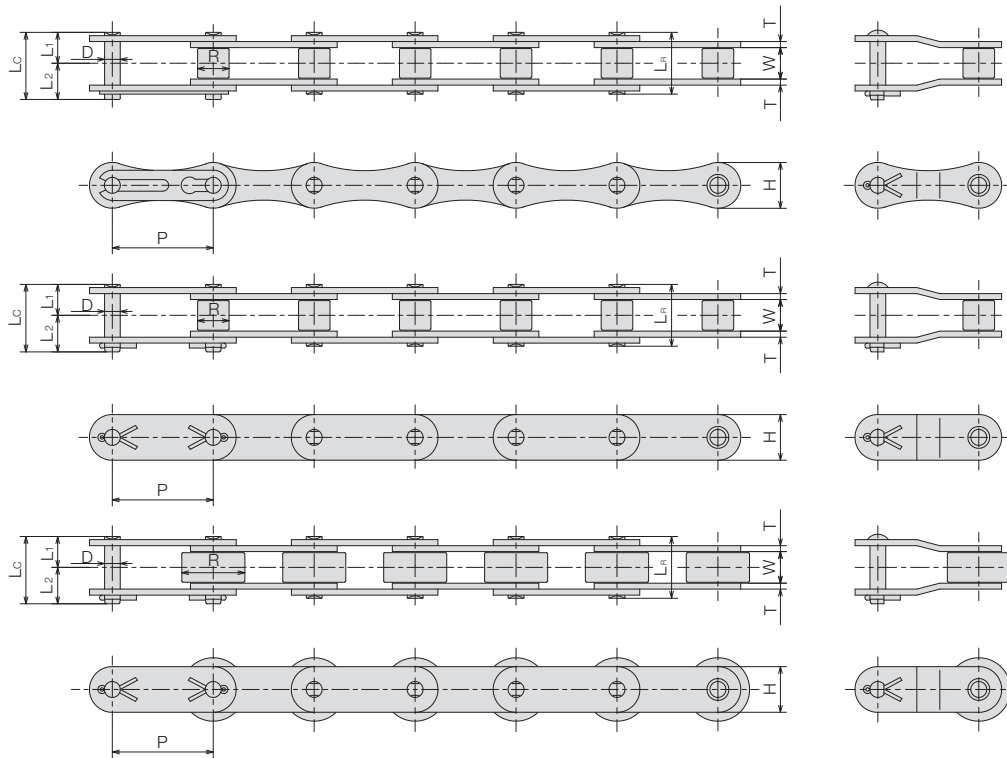


Aqua-Proof Roller Chain

ANSI | Double Pitch | Anti Corrosion | AP

“AP” type roller chains comply with the RoHS Directive. Its corrosion resistance is far superior to nickel or zinc plated chains, yet maintains the strength and durability of the SUGIYAMA carbon steel roller chain. “AP” type roller chains are the perfect choice when both corrosion resistance and high strength are needed.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

SY Chain No.	Pitch P	Dimension - mm										Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
		Roller			Pin				Plate					
		Width W	Roller Type	Dia. R	Dia. D	Length				Height	Thickness			
				L _R	L _C	L ₁	L ₂	H	T	kN	kN	kg/m		
SY A2040 AP	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	3.60	0.43
SY A2050 AP	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	6.28	0.73
SY A2060 AP	38.10	12.70	S	11.91	5.95	25.7	27.6	12.8	14.8	17.0	2.4	40.20	8.63	1.03
SY A2080 AP	50.80	15.88	S	15.88	7.93	33.0	35.5	16.4	19.1	22.6	3.2	68.60	14.70	1.71
SY C2040 AP	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	3.63	0.48
SY C2042 AP			R	15.88										0.82
SY C2050 AP	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	6.28	0.82
SY C2052 AP			R	19.05										1.26
SY C2060H AP	38.10	12.70	S	11.91	5.95	28.8	31.0	14.4	16.6	17.0	3.2	40.20	8.63	1.38
SY C2062H AP			R	22.23										2.08
SY C2080H AP	50.80	15.88	S	15.88	7.93	36.4	38.8	17.8	21.0	22.6	4.0	68.60	14.70	2.32
SY C2082H AP			R	28.58										3.36
SY C2100H AP	63.50	19.05	S	19.05	9.53	42.4	46.0	21.2	24.8	28.6	4.8	107.90	22.60	3.46
SY C2102H AP			R	39.67										5.64
SY C2120H AP	76.20	25.40	S	22.23	11.10	52.8	57.2	26.4	30.8	34.9	5.6	151.00	30.40	4.92
SY C2122H AP			R	44.45										7.87
SY C2160H AP	101.60	31.75	S	28.58	14.28	67.9	73.1	34.0	39.1	47.6	7.2	257.90	53.00	8.02
SY C2162H AP			R	57.15										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. Do not use Aqua-Proof chains in applications where chain may come in direct contact with food or where coating flakes or wear dust can contaminate food.

Technical Information