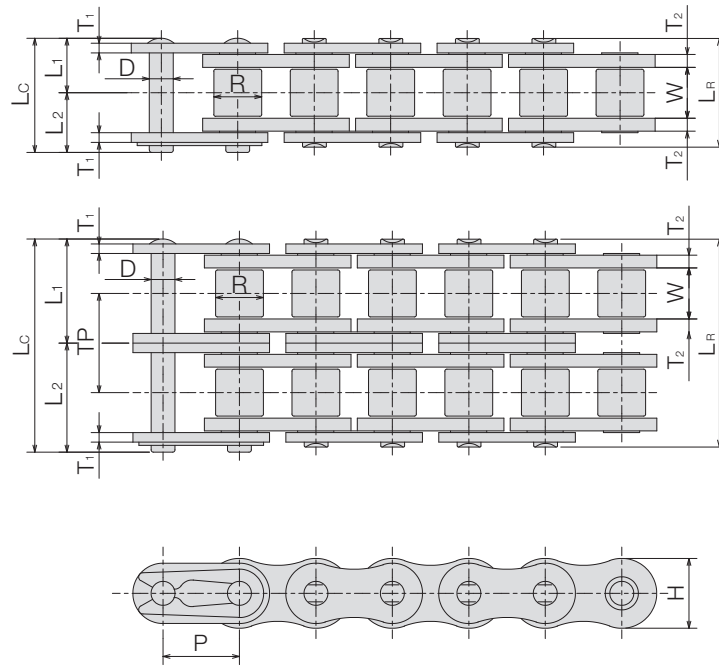


Aqua-Proof Self Lube Roller Chain for Drive

ANSI | Single Pitch | Anti Corrosion | Lube Free | AP SLR-TS

“AP SLR-TS” type roller chains are designed for drive chains with the same strength of carbon steel roller chains and with corrosion resistance and self lubrication. All components, except the oil-impregnated bushings, are treated with a dual layer coat treatment process before the chain is assembled to insure maximum protection. “AP SLR-TS” type roller chain is lubricated prior to delivery.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm											Average Tensile Strength κN	Average Chain Weight kg/m	
		Roller		Dia. D	Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R		Length	Height H	Thickness								
					L_R	L_C	L_1	L_2		T_1	T_2				
SY 40-1 AP SLR-TS					17.5	19.6	8.8	10.8					-	19.10	0.7
SY 40-2 AP SLR-TS	12.70	7.95	7.92	3.96	33.1	35.2	16.6	18.6	11.7	1.5	2.0	15.6	38.20	1.3	
SY 50-1 AP SLR-TS					21.3	23.3	10.7	12.6					-	31.90	1.1
SY 50-2 AP SLR-TS	15.875	9.53	10.16	5.08	40.5	42.5	20.3	22.2	14.6	2.0	2.4	19.2	63.80	2.0	
SY 60-1 AP SLR-TS					27.4	29.8	13.7	16.1					-	43.10	1.7
SY 60-2 AP SLR-TS	19.05	12.70	11.91	5.95	52.3	54.8	26.2	28.6	17.5	2.4	3.2	24.9	86.20	3.3	
SY 80-1 AP SLR-TS					34.1	37.4	17.1	20.3					-	78.50	2.7
SY 80-2 AP SLR-TS	25.40	15.88	15.88	7.93	65.2	68.5	35.6	35.9	23.4	3.2	4.0	31.1	157.00	5.1	
SY 100-1 AP SLR-TS					41.0	44.8	20.5	24.3					-	118.00	4.3
SY 100-2 AP SLR-TS	31.75	19.05	19.05	9.53	78.6	82.4	39.3	43.1	29.3	4.0	4.8	37.6	236.00	8.2	
SY 120-1 AP SLR-TS					51.1	55.2	25.6	29.6					-	167.00	6.0
SY 120-2 AP SLR-TS	38.10	25.40	22.23	11.10	99.1	103.2	49.6	53.6	35.1	4.8	5.6	48.0	334.00	11.7	

AP SLR-TS type roller chains have a longer pin length than the SBR type roller chain. Make sure there will be no interference with equipment. AP SLR-TS type multiple strand chains are not designed to be used with standard sprockets. Connecting links are “cotter” style for all sizes above 100 AP SLR-TS. Consult SUGIYAMA for offset links. Service life decreases dramatically if the lubricant in the oil-impregnated bushings is depleted. The lubrication in the oil-impregnated bushings will seep out rapidly when the operating temperature exceeds 70°C. A wet or dusty environment may lead to premature wearing. It is not recommended for applications which are exposed to chemicals or water, or associated with a shock load. 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.