

Self Lube Rollerless Chain

ANSI | Double Pitch | Lube Free | SL

“SL” type rollerless chains are made with a one-piece oversized sintered bushing. The sintered bushing has extra volume of oil and keeps lubrication in the critical bearing area of the pin and bushing where it is needed most. “SL” type rollerless chain is lubricated prior to delivery.

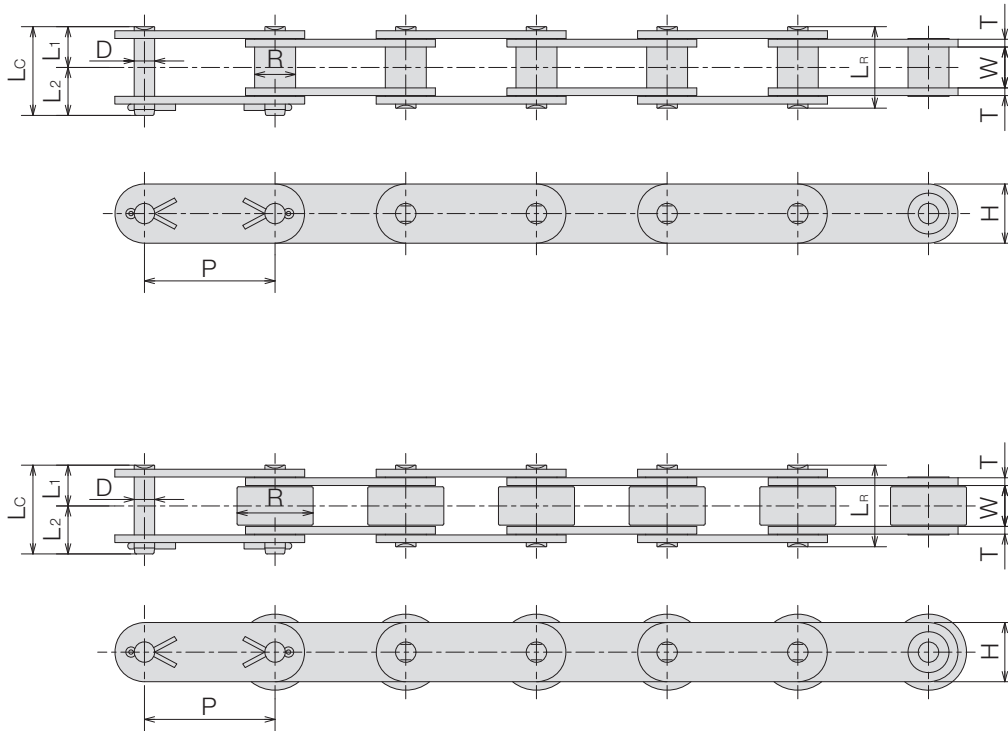
BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGI. 81X

Technical Information



SY Chain No.	Dimension - mm											Average Tensile Strength κN	Average Chain Weight kg/m
	Pitch P	Bushed Roller			Pin				Plate				
		Width W	Roller Type	Dia. R	Dia. D	Length				Height H	Thickness T		
					L _R	L _C	L ₁	L ₂					
SY C2040 SL	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	12.0	1.5	12.70	0.48
SY C2042 SL			R	15.88									0.82
SY C2050 SL	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	19.60	0.82
SY C2052 SL			R	19.05									1.26
SY C2060 SL	38.10	12.70	S	11.91	5.95	25.7	27.6	12.8	14.8	18.1	2.4	28.40	1.2
SY C2062 SL			R	22.23									1.78
SY C2080 SL	50.80	15.88	S	15.88	7.93	33.0	35.5	16.4	19.1	24.1	3.2	51.00	1.99
SY C2082 SL			R	28.58									3.03

Roller Type “S” indicates a bushed chain which made without rollers. Roller Type “R” indicates an oversized carrier roller. Roller Type “R” can be manufactured with plastic oversized carrier rollers. 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.