

Self Lube Roller Chain for Conveyor

ANSI | Single Pitch | Lube Free | SLR-CS

“SLR-CS” type roller chains are designed for conveyor chains. It carries its own high quality lubricant in the impregnated bushing. The sintered bushing keeps lubrication in the critical bearing area of the pin and bushing where it is most needed. The plates are black-oxide coated for extra protection. “SLR-CS” type roller chain is lubricated prior to delivery.

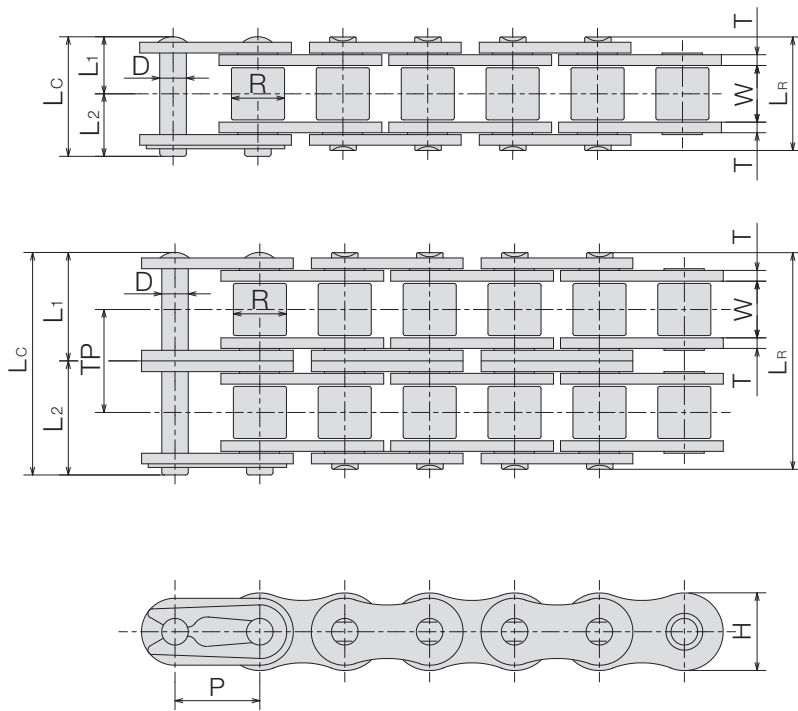
BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information



SY Chain No.	Dimension - mm											Average Tensile Strength κN	Average Chain Weight kg/m
	Pitch P	Roller		Dia. D	Pin				Plate		Trans. Pitch TP		
		Width W	Dia. R		Length LR	Length Lc	Length L1	Length L2	Height H	Thickness T			
SY 40-1 SLR-CS	12.70	7.95	7.92	3.96	16.5	18.6	8.3	10.3	11.7	1.5	-	15.70	0.6
SY 40-2 SLR-CS					31.1	33.2	15.6	17.6			14.4	31.40	1.1
SY 50-1 SLR-CS	15.875	9.53	10.16	5.08	20.5	22.5	10.3	12.2	14.6	2.0	-	25.50	1.0
SY 50-2 SLR-CS					39.1	40.9	19.6	21.3			18.1	51.00	1.9
SY 60-1 SLR-CS	19.05	12.70	11.91	5.95	25.9	28.3	13.7	14.6	17.5	2.4	-	37.30	1.5
SY 60-2 SLR-CS					49.3	51.8	24.7	27.1			22.8	74.60	2.8
SY 80-1 SLR-CS	25.40	15.88	15.88	7.93	33.0	35.9	16.5	19.4	23.4	3.2	-	63.70	2.5
SY 80-2 SLR-CS					62.2	65.5	31.1	34.4			29.3	127.00	4.9
SY 100-1 SLR-CS	31.75	19.05	19.05	9.53	39.8	43.1	19.9	23.2	29.3	4.0	-	100.00	3.9
SY 100-2 SLR-CS					75.4	79.1	37.7	41.4			35.8	200.00	7.6
SY 120-1 SLR-CS	38.10	25.40	22.23	11.10	49.8	53.2	24.9	28.3	35.1	4.8	-	157.00	5.8
SY 120-2 SLR-CS					95.4	99.6	47.7	51.9			45.4	314.00	11.1

SLR-CS type multiple strand chains are designed to be used with standard sprockets. Connecting links are “cotter” style for all sizes above 100 SLR-CS. 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.