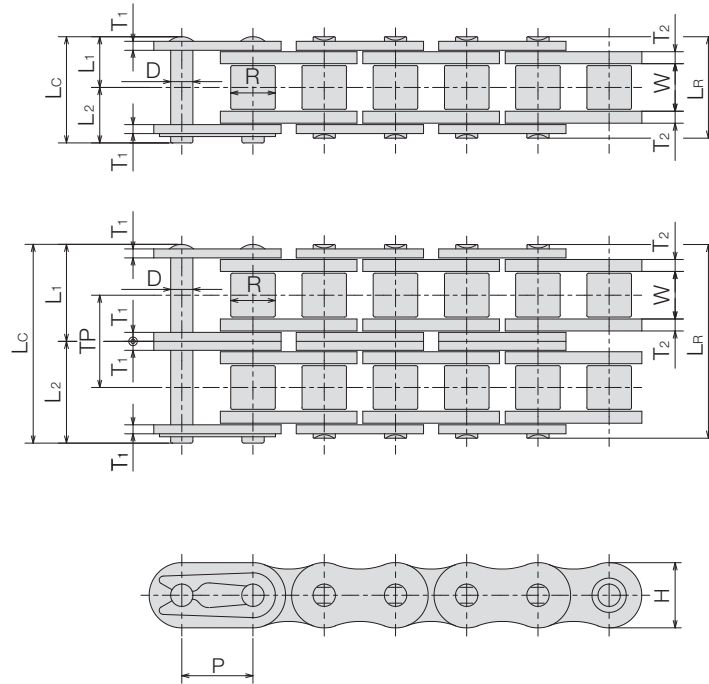


# Self Lube Roller Chain

**BS | Single Pitch | Lube Free | SLR**

“SLR” type roller chains carry its own high quality lubricant in an impregnated bushing. The sintered bushing keeps the lubrication in the critical bearing area of the pin and bushing where it is needed most. The plates are black-oxide coated for extra protection. “SLR” 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 kN	Average Chain Weight kg/m
		Roller		Dia. D	Pin				Plate		Trans. Pitch TP			
		Width W	Dia. R		LR	LC	L1	L2	Height H	Thickness T1 T2				
SY 08B-1 SLR	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	13.92	16.80	0.6	
SY 08B-2 SLR					30.6	31.9	15.3	16.6				24.0	25.5	33.60
SY 10B-1 SLR	15.875	9.65	10.16	5.08	19.4	20.7	9.7	11.0	14.5	1.65	16.59	24.60	0.9	
SY 10B-2 SLR					36.0	37.3	18.0	19.3				24.0	25.5	49.20
SY 12B-1 SLR	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	17.4	1.8	19.46	32.40	1.1	
SY 12B-2 SLR					41.6	43.2	20.8	22.4				24.0	25.5	64.80
SY 16B-1 SLR	25.40	17.02	15.87	8.26	35.2	38.2	17.6	20.6	21.0	3.2	4.0	74.60	2.6	
SY 16B-2 SLR					67.2	70.1	33.6	36.5				24.0	25.5	149.20
SY 20B-1 SLR	31.75	19.56	19.05	10.16	41.0	44.0	20.5	23.5	29.3	3.5	4.7	128.30	3.8	
SY 20B-2 SLR					76.8	80.6	38.4	42.2				24.0	25.5	256.60
SY 24B-1 SLR	38.10	25.40	25.40	14.63	53.4	58.1	26.7	31.4	35.1	5.0	5.9	195.60	7.3	
SY 24B-2 SLR					101.8	106.5	50.9	55.6				24.0	25.5	391.20
SY 28B-1 SLR	44.45	31.00	27.94	15.88	65.1	70.5	32.6	37.9	37.0	6.3	7.4	215.70	9.3	
SY 28B-2 SLR					124.7	130.0	62.4	67.6				24.0	25.5	431.40
SY 32B-1 SLR	50.80	31.00	29.21	15.88	64.2	69.6	32.1	37.5	42.2	6.3	6.9	274.60	9.9	
SY 32B-2 SLR					123.8	128.2	61.9	66.3				24.0	25.5	549.20

The thickness of the intermediate plate of the multiple strand 08B SLR chain is 1.25mm. Connecting links are “cotter” style for all sizes above 20B SLR. 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.