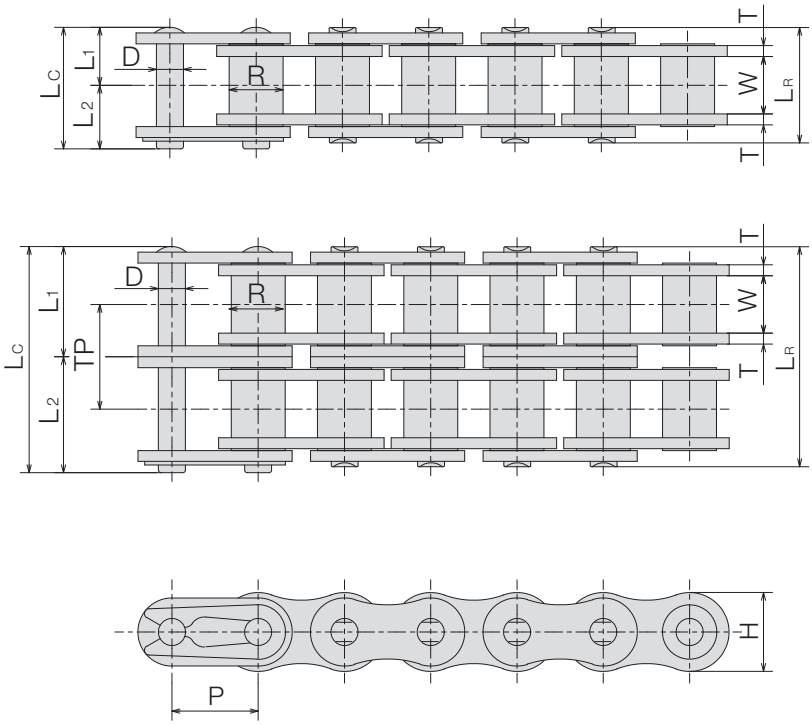
Self Lube Rollerless Chain

ANSI | Single 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.



SY Chain No.	Dimension - mm										Average Tensile Strength	Average Chain Weight
	Pitch P	Bushing		Pin					Plate		Trans. Pitch		
		Width W	Dia. R	Dia. D	Length				Height	Thickness			
					L_R	L_C	L_1	L_2	H	T	TP	kN	kg/m
SY 40-1 SL	12.70	7.7	7.92	3.96	16.5	17.9	8.3	9.6	12.0	1.5	-	12.70	0.63
SY 40-2 SL					30.8	32.2	15.4	16.8			14.4	25.40	1.3
SY 50-1 SL	15.875	9.4	10.16	5.08	20.4	22.0	10.2	11.8	15.1	2.0	-	19.60	1.03
SY 50-2 SL					38.4	40.0	19.2	20.8			18.1	39.20	2.1
SY 60-1 SL	19.05	12.5	11.91	5.95	25.5	26.9	12.8	14.1	18.2	2.4	-	28.40	1.46
SY 60-2 SL					48.2	49.7	24.0	25.7			22.8	56.80	3.0
SY 80-1 SL	25.40	15.8	15.88	7.93	32.8	35.5	16.4	19.1	24.1	3.2	-	51.00	2.60
SY 80-2 SL					61.6	64.5	30.8	33.7			29.3	102.00	5.20
SY 100-1 SL	31.75	19.0	19.05	9.53	39.4	43.0	19.7	23.3	30.2	4.0	-	82.40	3.79
SY 100-2 SL					75.1	78.8	37.6	41.2			35.8	164.80	7.9
SY 120-1 SL	38.10	25.40	22.23	11.10	49.5	53.4	24.8	28.6	36.2	4.8	-	118.00	5.58
SY 120-2 SL					94.9	98.8	47.5	51.3			45.4	236.00	11.5
SY 140-1 SL	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	42.2	5.6	-	162.00	7.59
SY 140-2 SL					102.9	107.2	51.5	55.7			48.9	324.00	14.7
SY 160-1 SL	50.80	31.8	28.58	14.28	64.3	68.7	32.2	36.5	48.3	6.4	-	211.00	9.82
SY 160-2 SL					122.8	127.2	61.4	65.8			58.5	422.00	19.5

SL type chains are a bushed chain which made without rollers. Connecting links are "cotter" style for all sizes above 100 SL. 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℃. 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.