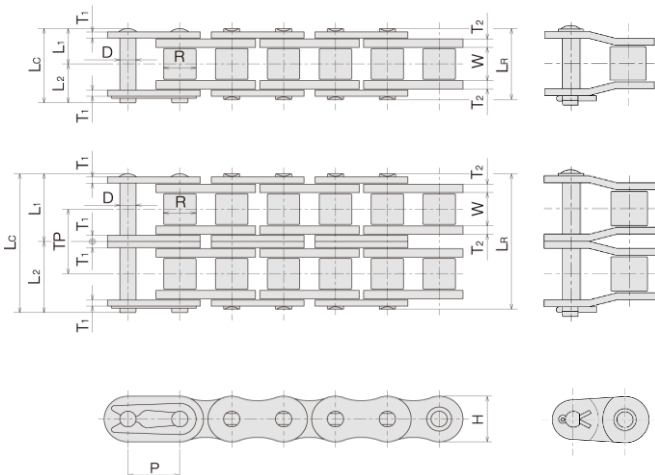


Roller Chain Size Chart

STANDARD	PITCH	SY Chain No.	Dimension - mm												Average Tensile Strength	Maximum Allowable Load	Average Chain Weight	
			Pitch	Roller			Dia.	Pin				Plate						Trans. Pitch
				Width	Roller	Dia.		Length	Height	Thickness								
										P	W	type	R	D				
BS		SY 06B-1	9.525	5.72	-	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0	1.25	10.24	9.90	1.70	0.41
		SY 06B-2						22.9	23.7							18.80	2.90	0.78
		SY 08B-1	12.70	7.75	-	8.51	4.45	16.7	18.2	8.4	9.8	11.8	1.5		13.92	19.60	3.14	0.61
		SY 08B-2						30.6	31.9							34.60	5.35	1.26
		SY 10B-1	15.875	9.65	-	10.16	5.08	19.4	20.7	9.7	11.0	14.7	1.65		16.59	24.60	4.90	0.89
		SY 10B-2						36.0	37.3							49.40	8.33	1.79
		SY 12B-1	19.05	11.68	-	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8		19.46	32.20	7.06	1.14
		SY 12B-2						41.6	43.2							64.40	12.00	2.28
		SY 16B-1	25.40	17.02	-	15.88	8.26	35.2	38.2	17.6	20.6	21.0	3.2	4.0	31.88	66.60	16.40	2.59
		SY 16B-2						67.2	70.1							117.80	21.40	5.13
		SY 20B-1	31.75	19.56	-	19.05	10.16	40.2	44.0	20.1	23.9	26.4	3.5	4.5	36.45	105.00	25.50	3.76
		SY 20B-2						76.8	80.6							188.90	33.30	7.26
		SY 24B-1	38.10	25.40	-	25.40	14.63	53.4	58.1	26.7	31.4	33.4	5.0	5.9	48.36	177.80	35.70	7.29
		SY 24B-2						101.8	106.5							311.10	46.80	14.53
		SY 28B-1	44.45	31.00	-	27.94	15.88	65.1	70.5	32.6	37.9	37.0	6.3	7.4	59.56	222.20	44.50	9.26
		SY 28B-2						124.7	130.0							400.00	58.30	18.45
		SY 32B-1	50.80	31.00	-	29.21	17.81	65.0	71.1	32.5	38.6	42.2	6.3	6.9	58.55	275.00	51.00	9.92
		SY 32B-2						123.4	129.7							500.00	66.60	19.76
ANSI	SINGLE	SY 35-1	9.525	4.78	-	▲5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25		-	10.80	2.48	0.34
		SY 35-2						22.1	23.0	11.1	11.9				10.1	21.60	3.67	0.63
		SY 40-1	12.70	7.95	-	7.92	3.96	16.6	17.7	8.3	9.4	11.7	1.5		-	19.10	4.17	0.60
		SY 40-2						30.8	32.2	15.4	16.8				14.4	38.20	6.17	1.22
		SY 50-1	15.875	9.53	-	10.16	5.08	20.5	22.0	10.2	11.8	14.6	2.0		-	31.90	7.22	0.98
		SY 50-2						38.4	40.0	19.2	20.8				18.1	63.80	10.70	2.00
		SY 60-1	19.05	12.70	-	11.91	5.95	25.7	26.9	12.8	14.1	17.5	2.4		-	43.10	10.70	1.46
		SY 60-2						48.2	49.7	24.0	25.7				22.8	86.20	14.70	2.95
		SY 80-1	25.40	15.88	-	15.88	7.93	33.0	35.5	16.4	19.1	23.4	3.2		-	78.50	19.10	2.52
		SY 80-2						61.6	64.5	30.8	33.7				29.3	157.00	25.00	5.10
		SY 100-1	31.75	19.05	-	19.05	9.53	39.6	43.0	19.7	23.3	29.3	4.0		-	118.00	29.40	3.91
		SY 100-2						75.1	78.8	37.6	41.2				35.8	236.00	38.40	7.74
		SY 120-1	38.10	25.40	-	22.23	11.10	49.7	53.4	24.8	28.6	35.1	4.8		-	167.00	39.50	5.76
		SY 120-2						94.9	98.8	47.5	51.3				45.4	334.00	51.70	11.49
		SY 140-1	44.45	25.40	-	25.40	12.70	54.0	58.3	27.0	31.3	40.9	5.6		-	216.00	52.30	7.41
		SY 140-2						102.9	107.2	51.5	55.7				48.9	432.00	68.30	14.63
		SY 160-1	50.80	31.75	-	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4		-	275.00	69.00	9.79
		SY 160-2						122.8	127.2	61.4	65.8				58.5	550.00	90.10	19.45
		SY 180-1	57.15	35.70	-	35.70	17.45	72.5	78.4	36.3	42.1	52.5	7.2		-	353.00	79.00	13.39
		SY 180-2						138.2	144.0	69.1	74.9				65.8	706.00	98.40	26.62
		SY 200-1	63.50	38.10	-	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0		-	451.00	93.00	16.93
		SY 200-2						150.2	158.7	75.1	83.6				71.6	902.00	122.00	33.73
		SY 240-1	76.20	47.63	-	47.63	23.78	95.5	104.0	47.8	56.2	70.3	9.5		-	677.00	129.00	23.64
		SY 240-2						183.4	191.8	91.7	100.1				87.8	1354.00	167.00	47.13
	DOUBLE	SY C2040	25.40	7.95	S	7.92												0.48
		SY C2042			R	15.88	3.96	16.6	18.3	8.3	10.0	11.4	1.5		-	16.90	3.63	0.82
		SY C2050	31.75	9.53	S	10.16												0.82
		SY C2052			R	19.05	5.08	20.5	22.2	10.2	12.0	15.0	2.0		-	27.50	6.28	1.26
		SY C2060H	38.10	12.70	S	11.91												1.38
		SY C2062H			R	22.23	5.95	28.8	31.0	14.4	16.6	17.0	3.2		-	40.20	8.63	2.08
		SY C2080H	50.80	15.88	S	15.88												2.32
		SY C2082H			R	28.58	7.93	36.4	38.8	17.8	21.0	22.6	4.0		-	68.60	14.70	3.36
		SY C2100H	63.50	19.05	S	19.05												3.46
		SY C2102H			R	39.67	9.53	42.4	46.0	21.2	24.8	28.6	4.8		-	107.90	22.60	5.64
		SY C2120H	76.20	25.40	S	22.23												4.92
		SY C2122H			R	44.45	11.10	52.8	57.2	26.4	30.8	34.9	5.6		-	151.00	30.40	7.87
		SY C2160H	101.60	31.75	S	28.58												8.02
		SY C2162H			R	57.15	14.28	67.9	73.1	34.0	39.1	47.6	7.2		-	257.90	53.00	12.77

▲ Chain is rollerless. Dimension shown is bushing diameter
 Roller Type "S" indicates a standard roller.
 Roller Type "R" indicates an oversized carrier roller.
 Roller Type "R" can be manufactured with plastic oversized carrier rollers.

SINGLE PITCH



DOUBLE PITCH

