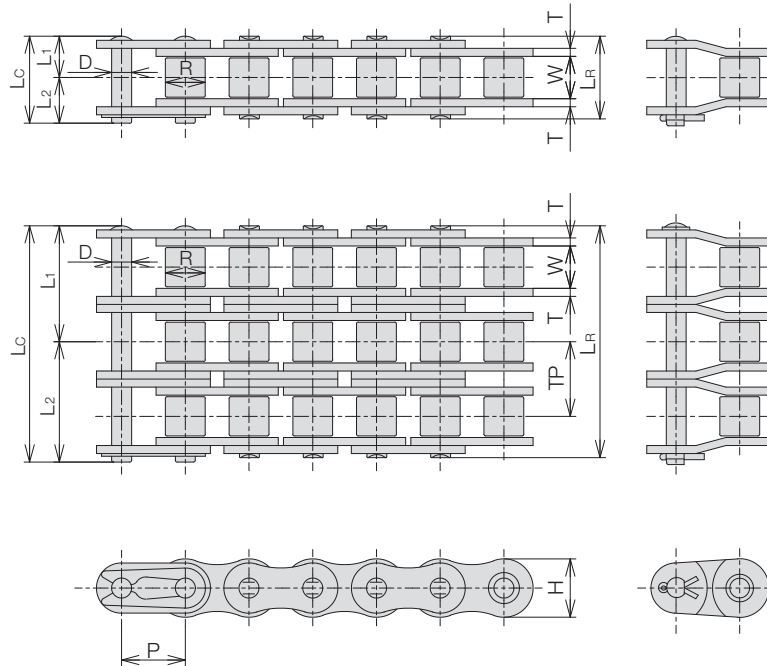


# Premium Standard Roller Chain

**ANSI | Single Pitch | Standard | SBR**

“SBR” (Solid Bushing & Roller) is the product type of SUGIYAMA premium standard roller chain. Our Premium roller chains are made with solid bushings and solid rollers, specially treated pins and bushings, and a stringently controlled heat treatment process. These are only a few of the many features built into SY branded chains. They meet or exceed ANSI roller chain standard B29.1, making it the most suitable selection for almost any application.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

Technical Information

SY Chain No.	Pitch P	Dimension - mm										Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Dia. D	Pin				Plate		Trans. Pitch			
		Width W	Dia. R		LR	LC	L1	L2	Height H	Thickness T				
SY 35-1	9.525	4.78	※5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	10.1	10.80	2.48	0.34
SY 35-2					22.1	23.0	11.1	11.9				21.60	3.67	0.63
SY 35-3					32.2	33.1	16.1	17.0				32.40	5.40	0.92
SY 35-4					42.3	43.2	21.2	22.0				43.20	7.13	1.22
SY 35-5					52.4	53.2	26.2	27.0				54.00	8.42	1.56
SY 35-6					62.5	63.5	31.3	32.2				64.80	9.94	1.89
SY 40-1	12.70	7.95	7.92	3.96	16.6	17.7	8.3	9.4	11.7	1.5	14.4	19.10	4.17	0.60
SY 40-2					30.8	32.2	15.4	16.8				38.20	6.17	1.22
SY 40-3					45.4	46.6	22.7	23.9				57.30	9.08	1.85
SY 40-4					60.0	60.9	30.0	30.9				76.40	12.00	2.46
SY 40-5					74.6	75.6	37.3	38.3				95.50	14.20	3.14
SY 40-6					89.0	89.9	44.5	45.4				115.00	16.70	3.31
SY 50-1	15.875	9.53	10.16	5.08	20.5	22.0	10.2	11.8	14.6	2.0	18.1	31.90	7.22	0.98
SY 50-2					38.4	40.0	19.2	20.8				63.80	10.70	2.00
SY 50-3					56.7	58.2	28.4	29.8				95.70	15.70	3.07
SY 50-4					75.0	76.3	37.5	38.8				128.00	20.70	3.97
SY 50-5					93.2	94.4	46.6	47.8				160.00	24.50	5.02
SY 50-6					111.4	112.5	55.7	56.8				191.00	28.90	6.01
SY 60-1	19.05	12.70	11.91	5.95	25.7	26.9	12.8	14.1	17.5	2.4	22.8	43.10	10.70	1.46
SY 60-2					48.2	49.7	24.0	25.7				86.20	14.70	2.95
SY 60-3					71.2	72.6	35.2	37.4				129.00	21.60	4.43
SY 60-4					94.4	95.4	47.2	48.2				172.00	28.50	5.92
SY 60-5					117.0	118.2	58.5	59.7				216.00	33.70	7.41
SY 60-6					140.0	140.9	70.1	70.8				259.00	39.70	8.90
SY 60-7					162.5	163.5	81.2	82.2				302.00	45.70	10.39
SY 60-8					185.0	186.6	92.5	94.1				345.00	53.50	13.36

※ Chain is rollerless. Dimension shown is bushing diameter.

Takes account of a 35% reduction of fatigue strength when a single pitch offset link is used.