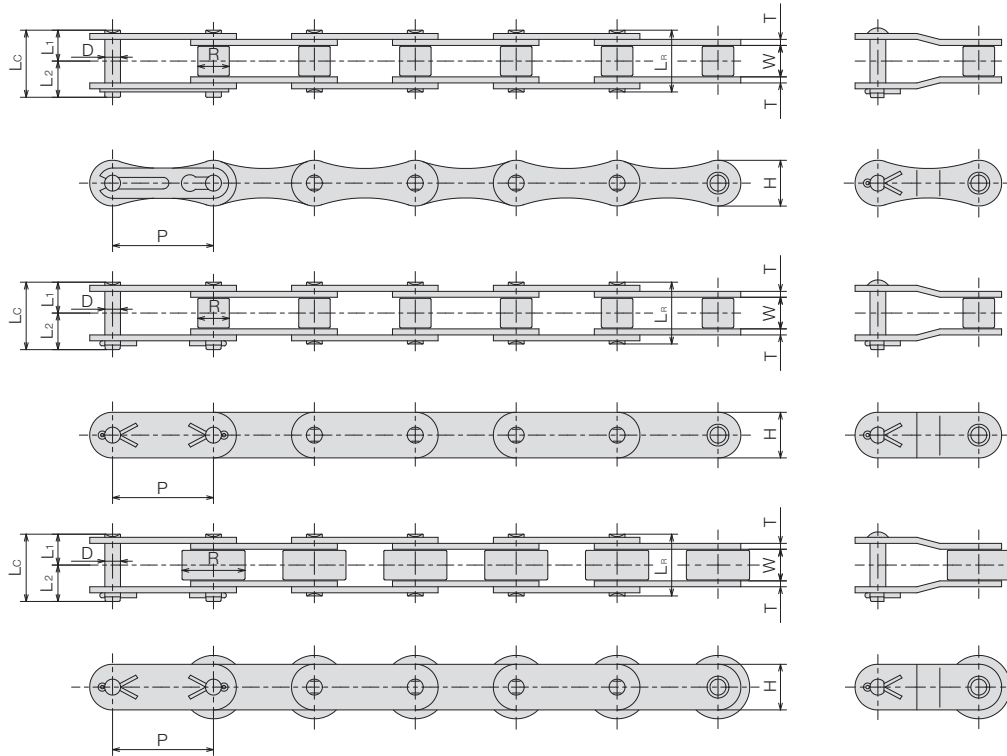


Premium Standard Roller Chain

ANSI | Double Pitch | Standard | SBR

“SBR” (Solid Bushing & Roller) is the product type of SUGIYAMA premium standard roller chain. SUGIYAMA offers two different plate shapes of double pitch roller chains. One has a figure-eight shaped link plates; the other has straight edged link plates. The straight edged type is available with standard rollers or with over-sized carrier rollers.



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

SY Chain No.	Dimension - mm											Average Tensile Strength κN	Maximum Allowable Load κN	Average Chain Weight kg/m
	Pitch P	Roller			Pin				Plate					
		Width W	Roller Type	Dia. R	Dia. D	Length		Height H	Thickness T					
					L _R	L _C	L ₁	L ₂						
SY A2040	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	3.63	0.43
SY A2050	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	6.28	0.73
SY A2060	38.10	12.70	S	11.91	5.95	25.7	27.6	12.8	14.8	17.0	2.4	40.20	8.63	1.03
SY A2080	50.80	15.88	S	15.88	7.93	33.0	35.5	16.4	19.1	22.6	3.2	68.60	14.70	1.71
SY C2040	25.40	7.95	S	7.92	3.96	16.6	18.3	8.3	10.0	11.4	1.5	16.90	3.63	0.48
SY C2042			R	15.88										0.82
SY C2050	31.75	9.53	S	10.16	5.08	20.5	22.2	10.2	12.0	15.0	2.0	27.50	6.28	0.82
SY C2052			R	19.05										1.26
SY C2060H	38.10	12.70	S	11.91	5.95	28.8	31.0	14.4	16.6	17.0	3.2	40.20	8.63	1.38
SY C2062H			R	22.23										2.08
SY C2080H	50.80	15.88	S	15.88	7.93	36.4	38.8	17.8	21.0	22.6	4.0	68.60	14.70	2.32
SY C2082H			R	28.58										3.36
SY C2100H	63.50	19.05	S	19.05	9.53	42.4	46.0	21.2	24.8	28.6	4.8	107.90	22.60	3.46
SY C2102H			R	39.67										5.64
SY C2120H	76.20	25.40	S	22.23	11.10	52.8	57.2	26.4	30.8	34.9	5.6	151.00	30.40	4.92
SY C2122H			R	44.45										7.87
SY C2160H	101.60	31.75	S	28.58	14.28	67.9	73.1	34.0	39.1	47.6	7.2	257.90	53.00	8.02
SY C2162H			R	57.15										12.77

The figure-eight shaped link plates are for drive chains. 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.

Technical Information