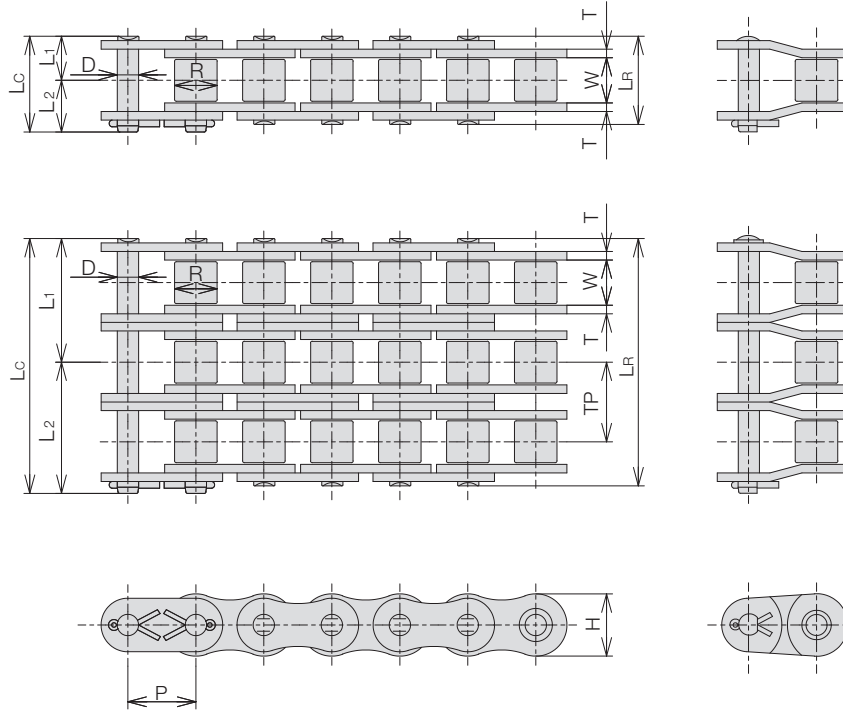


# Premium Standard Roller Chain

ANSI | Single Pitch | Standard | SBR



BS Single Pitch

ANSI Single Pitch

ANSI Double Pitch

ENGL. 81X

SY Chain No.	Dimension - mm											Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch P	Roller		Pin				Plate		Trans. Pitch				
		Width W	Dia. R	Dia. D	Length				Height H		Thickness T			
				L <sub>R</sub>	L <sub>C</sub>	L <sub>1</sub>	L <sub>2</sub>			TP	κN	κN	kg/m	
SY 160-1	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	58.5	275.00	69.00	9.79
SY 160-2					122.8	127.2	61.4	65.8				825.00	133.00	29.17
SY 160-3					181.3	185.7	90.7	95.0				1,100.00	175.00	38.77
SY 160-4					240.3	244.7	120.2	124.5				1,375.00	207.00	48.43
SY 160-5					298.8	303.3	149.4	153.9				1,650.00	244.00	58.08
SY 160-6					357.4	361.7	178.7	183.0						
SY 180-1	57.15	35.70	35.70	17.45	72.5	78.4	36.3	42.1	52.5	7.2	65.8	353.00	79.00	13.39
SY 180-2					138.2	144.0	69.1	74.9				706.00	98.40	26.62
SY 180-3					204.5	210.2	102.3	107.9				1,059.00	145.00	39.85
SY 180-4					270.2	275.9	135.1	140.8				1,412.00	191.00	53.08
SY 180-5					336.0	341.6	167.9	173.7				1,765.00	226.00	66.31
SY 180-6					401.8	407.3	200.9	206.4				2,118.00	266.00	79.54
SY 200-1	63.50	38.10	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	71.6	451.00	93.00	16.93
SY 200-2					150.2	158.7	75.1	83.6				902.00	122.00	33.73
SY 200-3					221.7	230.2	110.9	119.3				1,353.00	179.00	50.53
SY 200-4					293.3	302.4	146.7	155.7				1,804.00	236.00	67.34
SY 200-5					365.5	374.0	182.8	191.2				2,255.00	279.00	84.14
SY 200-6					437.1	445.6	218.6	227.0				2,706.00	329.00	100.94
SY 240-1	76.20	47.63	47.63	23.78	95.5	104.0	47.8	56.2	70.3	9.5	87.8	677.00	129.00	23.64
SY 240-2					183.4	191.8	91.7	100.1				1,354.00	167.00	47.13
SY 240-3					271.3	279.6	135.7	143.9				2,031.00	245.00	70.61
SY 240-4					359.8	367.4	179.9	187.5				2,708.00	324.00	94.09
SY 240-5					447.3	455.2	223.8	231.4				3,385.00	383.00	117.56
SY 240-6					534.9	543.1	267.5	275.6				4,062.00	451.00	141.06

Connecting links are "through S pin" style for all sizes above 200 SBR. Takes account of a 35% reduction of fatigue strength when a single pitch offset link is used.

Technical Information