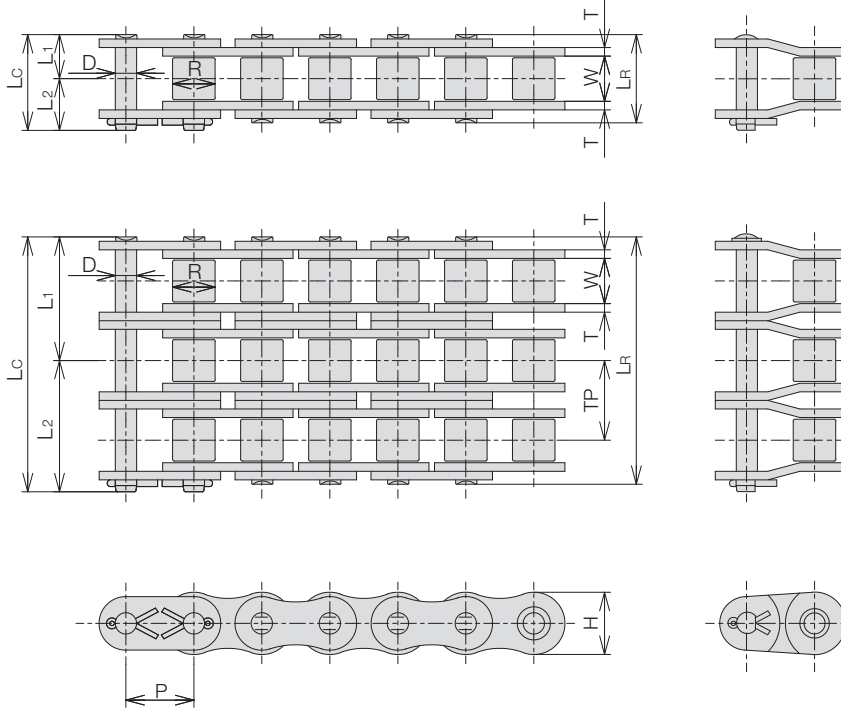


Premium Standard Roller Chain

ANSI | Single Pitch | Standard | SBR



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 TP			
		Width W	Dia. R		LR	LC	L1	L2	Height H	Thickness T				
SY 80-1					33.0	35.5	16.4	19.1				78.50	19.10	2.52
SY 80-2					61.6	64.5	30.8	33.7				157.00	25.00	5.10
SY 80-3					90.9	94.1	45.5	48.6				236.00	36.80	7.68
SY 80-4	25.40	15.88	15.88	7.93	120.4	123.5	60.2	63.3	23.4	3.2	29.3	314.00	48.50	10.25
SY 80-5					149.8	152.8	74.9	77.9				393.00	57.30	12.84
SY 80-6					179.1	182.1	89.6	92.5				471.00	67.60	15.42
SY 80-8					237.6	240.6	118.8	121.8				628.00	91.10	20.58
SY 100-1					39.6	43.0	19.7	23.3				118.00	29.40	3.91
SY 100-2					75.1	78.8	37.6	41.2				236.00	38.40	7.74
SY 100-3					110.9	114.6	55.5	59.1				354.00	56.50	11.58
SY 100-4	31.75	19.05	19.05	9.53	147.4	150.8	73.7	77.1	29.3	4.0	35.8	472.00	74.60	15.40
SY 100-5					183.0	186.6	91.5	95.1				590.00	88.10	19.26
SY 100-6					218.8	222.4	109.4	113.0				708.00	104.00	23.10
SY 100-8					290.4	294.1	145.2	148.9				944.00	140.00	30.81
SY 120-1					49.7	53.4	24.8	28.6				167.00	39.50	5.76
SY 120-2					94.9	98.8	47.5	51.3				334.00	51.70	11.49
SY 120-3					140.3	144.2	70.2	74.0				501.00	76.00	17.20
SY 120-4	38.10	25.40	22.23	11.10	186.1	190.0	93.1	96.9	35.1	4.8	45.4	668.00	100.00	22.92
SY 120-5					231.5	235.4	115.8	119.6				835.00	119.00	28.65
SY 120-6					276.9	280.8	138.5	142.3				1,002.00	140.00	34.36
SY 120-8					367.5	371.7	183.8	187.9				1,336.00	188.00	45.81
SY 140-1					54.0	58.3	27.0	31.3				216.00	52.30	7.41
SY 140-2					102.9	107.2	51.5	55.7				432.00	68.30	14.63
SY 140-3					151.7	156.3	75.9	80.4				648.00	101.00	21.91
SY 140-4	44.45	25.40	25.40	12.70	201.2	205.5	100.6	104.9	40.9	5.6	48.9	864.00	133.00	29.17
SY 140-5					250.1	254.4	125.1	129.3				1,080.00	157.00	36.45
SY 140-6					299.0	303.3	149.5	153.8				1,296.00	185.00	43.72

Connecting links are "clip" style for size 80-1 SBR and size 80-2 SBR. Takes account of a 35% reduction of fatigue strength when a single pitch offset link is used.