

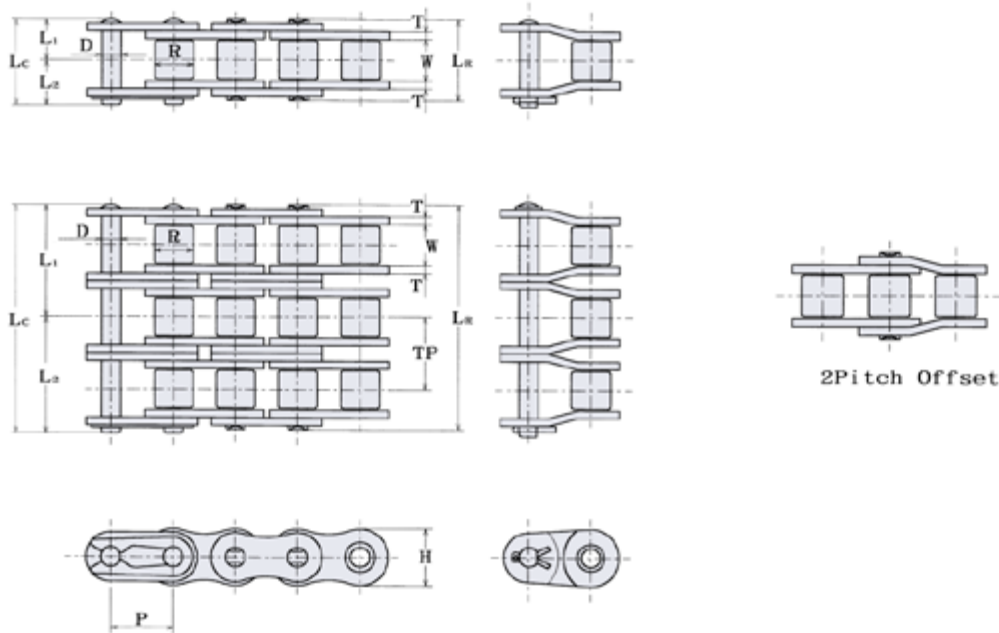
25 & 35 (Bushed Chain)

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
25	6.35	3.18	3.30	2.31	-	-	-	-	-	-	-	-	-	-
35	9.53	4.78	5.08	3.58	12	12.90	6.0	6.9	9.0	1.25	10.1	10.80	2.48	0.34
35-2					22.1	23.00	11.1	11.9				21.60	3.67	0.63
35-3					32.2	33.10	16.1	17.0				32.40	5.40	0.92
35-4					42.3	43.2	21.2	22.0				43.2	7.13	1.22
35-5					52.4	53.2	26.2	27.0				54.00	8.42	1.56
35-6					62.5	63.5	31.3	32.2				64.80	9.94	1.89

40 & 41

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
40*	12.7	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.7	1.5	14.4	19.1	4.17	0.60
40-2					30.8	32.2	15.4	16.8				38.2	6.17	1.22
40-3					45.0	46.6	22.5	24.1				57.3	9.08	1.85
40-4					60.0	60.8	30.0	30.8				76.4	12.0	2.46
40-5					74.6	75.6	37.3	38.3				95.5	14.2	3.14
40-6					89	89.9	44.5	45.4				115.0	16.7	3.31
41	12.7	6.38	7.77	3.59	-	-	-	-	-	-	-	-	-	

* Also stocked in 100ft and 50ft reels.



50

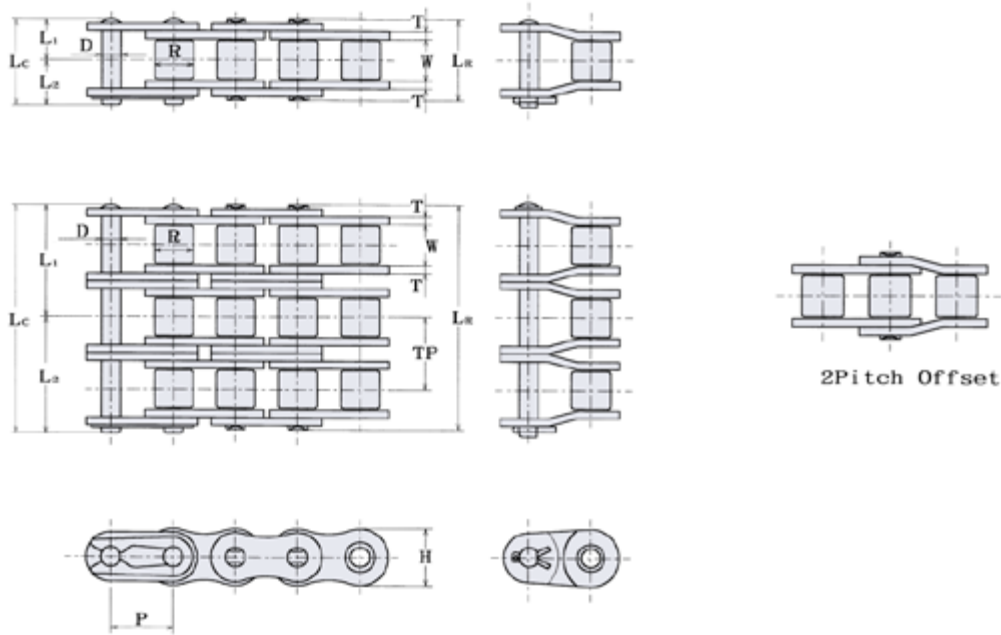
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	TP	Kn	kN	kg/m	
50*	15.875	9.53	10.16	5.08	20.4	22.0	10.2	11.8	14.6	2.0	18.1	31.9	7.22	0.98
50-2					38.4	40.0	19.2	20.8				63.8	10.7	2.00
50-3					56.7	58.2	28.4	29.8				95.7	15.7	3.07
50-4					75.0	75.7	37.5	38.2				128	20.7	3.97
50-5					93.2	94.1	46.6	47.5				160	24.5	5.02
50-6					111.4	112.5	55.7	56.8				191	28.9	6.01

* Also stocked in 100ft and 50ft reels

60

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	TP	Kn	kN	kg/m	
60*	19.05	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4	22.8	43.1	10.7	1.46
60-2					48.2	49.7	24	25.7				86.2	14.7	2.95
60-3					71.2	72.6	35.2	37.4				129	21.6	4.43
60-4					94.4	95.4	47.2	48.2				172	28.5	5.92
60-5					117	118.2	58.5	59.7				216	33.7	7.41
60-6					140	140.9	70.1	70.8				259	39.7	8.90
60-8					185	186.6	92.5	94.1				345	53.5	13.36
60-10					230.8	232.2	115.4	116.8				431	64.7	16.34

* Also stocked in 100ft and 50ft reels



BOOK 1: ROLLER CHAIN AND SPROCKETS

80

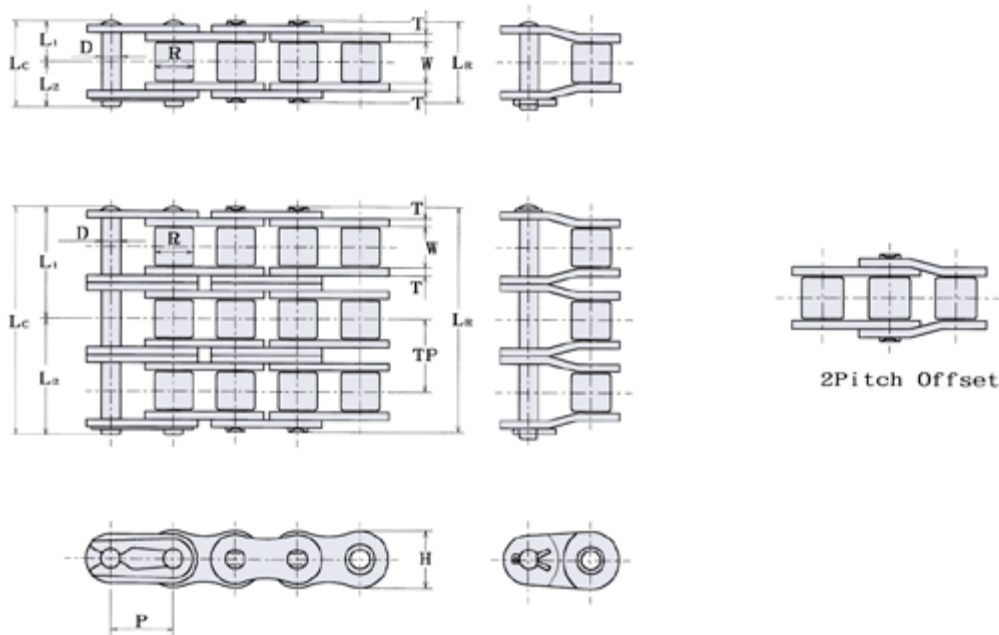
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
80*	25.4	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	29.3	78.5	19.1	2.52
80-2					61.6	64.5	30.8	33.7				157	25	5.1
80-3					90.9	94.1	45.5	48.6				236	36.8	7.68
80-4					120.4	123.5	60.2	63.3				314	48.5	10.25
80-5					149.8	152.8	74.9	77.9				393	57.3	12.84
80-6					179.1	182.1	89.6	92.5				471	67.6	15.42
80-8					237.6	240.6	118.8	121.8				628	91.1	20.58
80-10					296.2	299.2	148.1	151.1				785	110	25.81

* Also stocked in 100ft and 50ft reels

100

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
100	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4	35.8	118	29.4	3.91
100-2				75.1	78.8	37.6	41.2	236				29.4	7.74	
100-3				110.9	114.6	55.5	59.1	354				56.5	11.58	
100-4				147.4	150.8	73.7	77.1	472				74.6	15.4	
100-5				183	186.6	91.5	95.1	590				88.1	19.26	
100-6				218.8	222.4	109.4	113	708				104	23.1	
100-8				290.4	294.1	145.2	148.9	944				140	30.81	
100-10				362	365.7	181	184.7	1180				170	38.54	

1.1 SY CHAINS CONTENTS

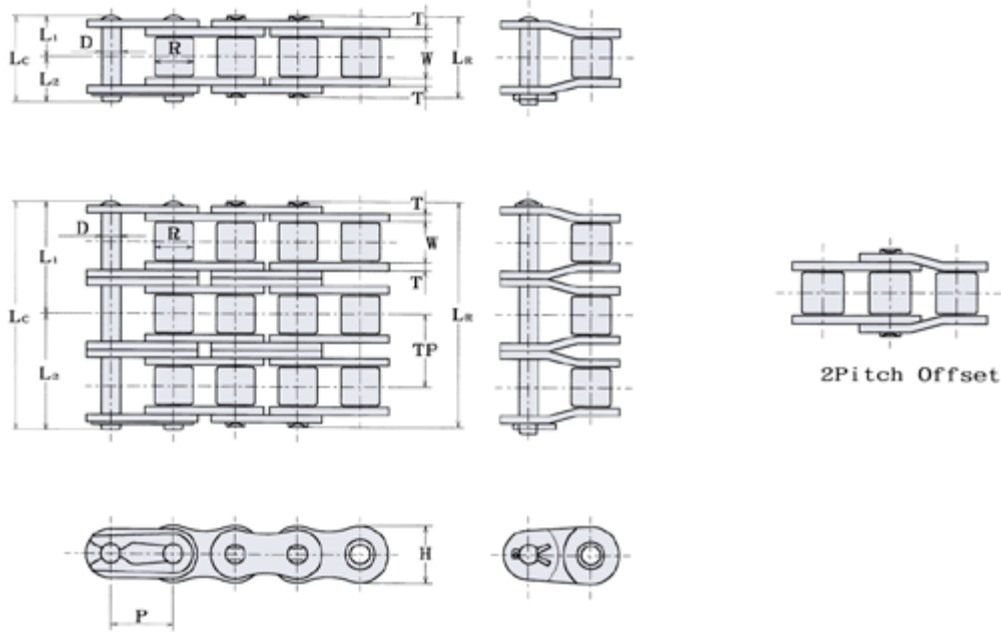


120

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Bushing		Dia	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	TP	Kn	kN	kg/m	
120	38.10	25.40	22.23	11.10	49.5	53.4	24.8	28.6	35.10	4.80	-	167.00	39.5	5.76
120-2					94.9	98.8	47.5	51.3			45.4	334	51.7	11.49
120-3					140.3	144.2	70.2	74			501	76	17.2	
120-4					186.1	190	93.1	96.9			668	100	22.92	
120-5					231.5	235.4	115.8	119.6			835	119	28.65	
120-6					276.9	280.8	138.5	142.3			1002	140	34.36	
120-8					367.5	371.7	183.8	187.9			1336	188	45.81	
120-10					458.3	462.5	229.2	233.3			1670	228	57.38	

140

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Bushing		Dia	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	TP	Kn	kN	kg/m	
140	44.45	25.4	25.4	12.7	54.0	58.3	27.0	31.3	40.9	5.6	-	216	52.3	7.41
140-2					102.9	107.2	51.5	55.7			48.9	432	68.3	14.63
140-3					151.7	156.3	75.9	80.4			648	101	21.91	
140-4					201.2	205.5	100.6	104.9			864	133	29.17	
140-5					250.1	254.4	125.1	129.3			1080	157	36.45	
140-6					299	303.3	149.5	153.8			1296	185	43.72	
140-8					396.5	401.1	198.3	202.8			1728	249	58.28	
140-10					494.3	498.9	247.2	251.7			2160	302	72.82	

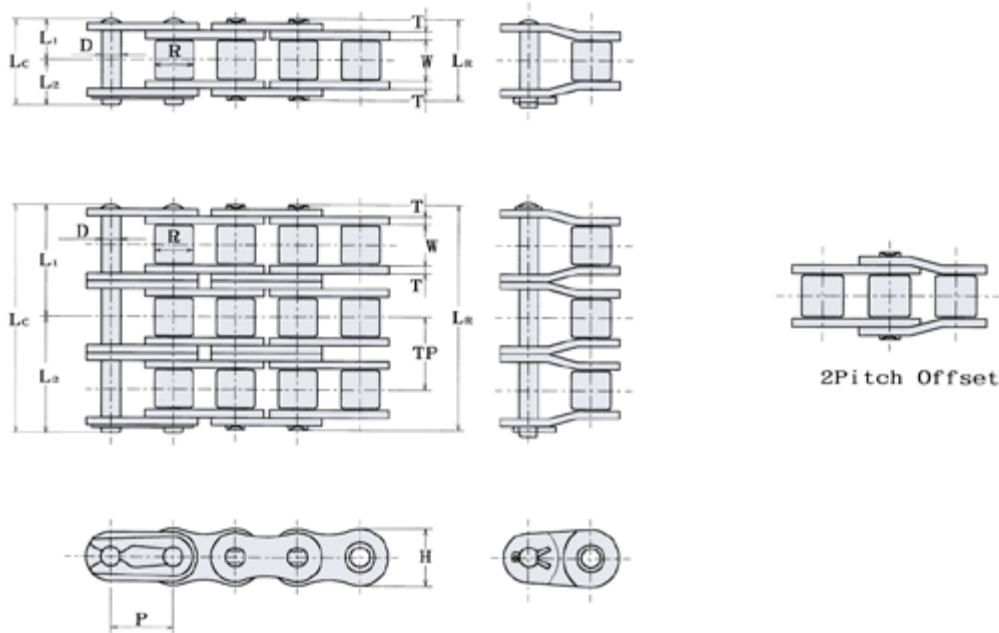


160

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
160	50.8	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	-	275	69.0	9.79
160-2					122.8	127.2	61.4	65.8			58.5	550	90.1	19.45
160-3					181.3	185.7	90.7	95			825	133	29.17	
160-4					240.3	244.7	120.2	124.5			1100	175	38.77	
160-5					298.8	303.3	149.4	153.9			1375	207	48.43	
160-6					357.4	361.7	178.7	183			1650	244	58.08	
160-8					474.4	478.8	237.2	241.6			2200	329	77.39	
160-10					591.4	595.8	295.7	300.1			2750	398	102.86	

180

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
180	57.15	35.7	35.7	17.45	72.5	78.4	36.3	42.1	52.5	7.2	-	353	79.0	13.39
180-2					138.2	144.0	69.1	74.9			65.8	706	98.4	26.62
180-3					204.5	210.2	102.3	107.9			1059	145	39.85	
180-4					270.2	275.9	135.1	140.8			1412	191	53.08	
180-5					336	341.6	173.6	173.7			1765	226	66.31	
180-6					401.8	407.3	200.9	206.4			2118	266	79.54	



200

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m	
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T							
					LR	LC	L1	L2							
200	63.5	38.1	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	71.6	-	451	93	16.93
200-2					150.2	158.7	75.1	83.6				902	122	33.73	
200-3					221.7	230.2	110.9	119.3				1353	179	50.53	
200-4					293.3	302.4	146.7	155.7				1804	236	67.34	
200-5					365.5	374	182.8	191.2				2255	279	84.14	
200-6					437.1	445.6	218.6	227				2706	329	100.94	

240

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength Kn	Maximum Allowable Load kN	Average Chain Weight kg/m	
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T							
					LR	LC	L1	L2							
240	76.2	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5	87.8	-	677	129	23.64
240-2					184.2	191.8	92.1	99.7				1354	167	47.13	
240-3					272	279.6	136.0	143.6				2031	245	70.61	
240-4					359.8	367.4	179.9	187.5				2708	324	94.09	
240-5					447.6	455.2	223.8	231.4				3385	383	117.56	
240-6					535.5	543	267.8	275.2				4062	451	141.06	