

Item	See Page
Attachment Chain	66 67
Rust Less	36 40 43
SL Self-Lube Chain	49
SLR Self-Lube Chain	52 53
Drive Chain Selection	76 77
Horsepower Rating	82

Standard Packing	SY35	SY40
1 Unit (10')	320P	240P
On a Reel	250'	200'

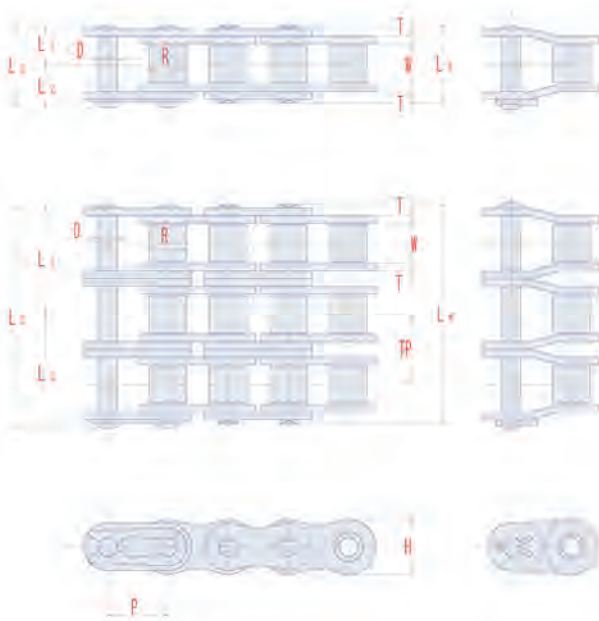
35 (BUSHED CHAIN)

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						
SY35	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	—	10.8	2.48	0.34
SY35-2					22.1	23.0	11.1	11.9			10.1	21.6	3.67	0.63
SY35-3					32.2	33.1	16.1	17.0				32.4	5.40	0.92
SY35-4					42.3	43.2	21.2	22.0				43.2	7.13	1.22
SY35-5					52.4	53.2	26.2	27.0				54.0	8.42	1.56
SY35-6					62.5	63.5	31.3	32.2				64.8	9.94	1.89

40

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load* kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
SY40	12.70	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.7	1.5	—	19.1	4.17	0.60
SY40-2					30.8	32.2	15.4	16.8			14.4	38.2	6.17	1.22
SY40-3					45.0	46.6	22.5	24.1				57.3	9.08	1.85
SY40-4					60.0	60.8	30.0	30.8				76.4	12.0	2.46
SY40-5					74.6	75.6	37.3	38.3				95.5	14.2	3.14
SY40-6					89.0	89.9	44.5	45.4				115.0	16.7	3.31

*Refer to page 80. "Selection of offset link"



Item	See Page	
Attachment Chain	60	67
Rust Less	36	40 43
SL Self-Lube Chain	49	
SLR Self-Lube Chain	52	53
Drive Chain Selection	76	77
Horsepower Rating	82	83

Standard Packing	SY50	SY60
1 Unit (10')	192P	160P
On a Reel	100'	100'

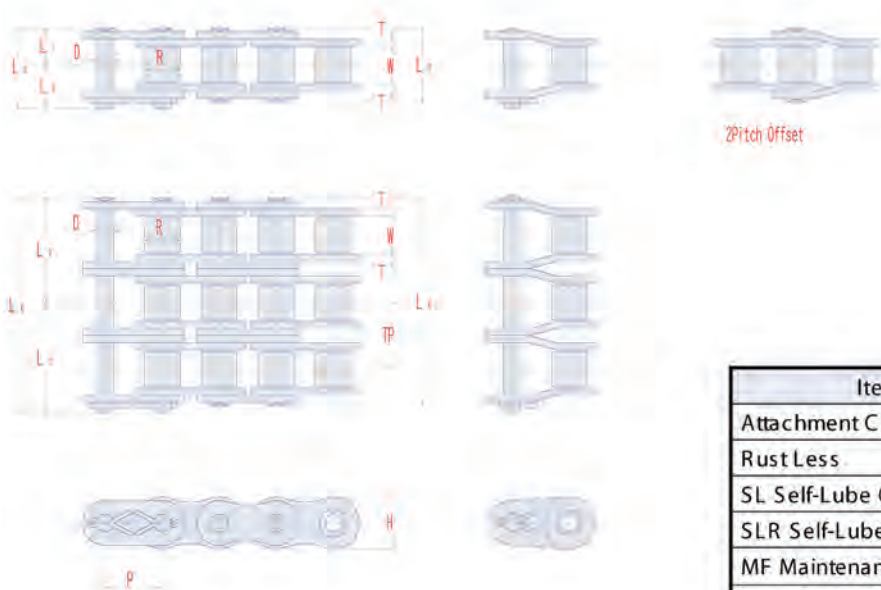
50

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
		P	W	R	D	LR	LC	L1	L2		H			
SY50	15.875	9.53	10.16	5.08	20.4	22.0	10.2	11.8	14.6	2.0	—	31.9	7.22	0.98
SY50-2					38.4	40.0	19.2	20.8			18.1	63.8	10.7	2.00
SY50-3					56.7	58.2	28.4	29.8				95.7	15.7	3.07
SY50-4					75.0	75.7	37.5	38.2				128.	20.7	3.97
SY50-5					93.2	94.1	46.6	47.5				160.	24.5	5.02
SY50-6					111.4	112.5	55.7	56.8				191.	28.9	6.01

60

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
		P	W	R	D	LR	LC	L1	L2		H			
SY60	19.05	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4	—	43.1	10.7	1.46
SY60-2					48.2	49.7	24.0	25.7			22.8	86.2	14.7	2.95
SY60-3					71.2	72.6	35.2	37.4				129	21.6	4.43
SY60-4					94.4	95.4	47.2	48.2				172	28.5	5.92
SY60-5					117.0	118.2	58.5	59.7				216	33.7	7.41
SY60-6					140.0	140.9	70.1	70.8				259	39.7	8.90
SY60-8					185.0	186.6	92.5	94.1				345	53.5	13.36
SY60-10					230.8	232.2	115.4	116.8				431	64.7	16.34

※Refer to page 80. "Selection of offset link"



2Pitch Offset

Item	See Page	
Attachment Chain	66	67
Rust Less	36	40 43
SL Self-Lube Chain	49	
SLR Self-Lube Chain	52	53
MF Maintenance Free	57	
Drive Chain Selection	76	77
Horsepower Rating	83	

Standard Packing	SY80	SY100
1 Unit (10')	120P	96P

80

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
		P	W	R	D	L _R	L _C	L ₁	L ₂		H			
SY80	25.40	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	—	78.5	18.4	2.52
SY80-2					61.6	64.5	30.8	33.7			29.3	157	25.0	5.10
SY80-3					90.9	94.1	45.5	48.6				236	36.8	7.68
SY80-4					120.4	123.5	60.2	63.3				314	48.5	10.25
SY80-5					149.8	152.8	74.9	77.9				393	57.3	12.84
SY80-6					179.1	182.1	89.6	92.5				471	67.6	15.42
SY80-8					237.6	240.6	118.8	121.8				628	91.1	20.58
SY80-10					296.2	299.2	148.1	151.1				785	110	25.81

100

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
		P	W	R	D	L _R	L _C	L ₁	L ₂		H			
SY100	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0	—	118	28.3	3.91
SY100-2					75.1	78.8	37.6	41.2			35.8	236	38.4	7.74
SY100-3					110.9	114.6	55.5	59.1				354	56.5	11.58
SY100-4					147.4	150.8	73.7	77.1				472	74.6	15.40
SY100-5					183.0	186.6	91.5	95.1				590	88.1	19.26
SY100-6					218.8	222.4	109.4	113.0				708	104	23.10
SY100-8					290.4	294.1	145.2	148.9				944	140	30.81
SY100-10					362.0	365.7	181.0	184.7				1180	170	38.54

※Refer to page 80. "Selection of offset link"