

Indice SY

Pag.

- 8 Standard Roller Chains
Cadena de rodillos estandar
- 10 BS Standard Roller Chains
BS Cadena de rodillos estándar
- 16 ANSI Standard Roller Chains
ANSI Cadena de rodillos estandar
- 22 BS Straight Sidebar Chains
BS Cadenas de maya recta
- 23 ANSI Straight Sidebar Chains
ANSI Cadenas de maya recta
- 24 Heavy Series Roller Chains - H Series
Cadena de rodillos de series pesada (reforzada)- H
- 26 Oil-Field Chains – E
Cadenas para bombas de extracción de petróleo - E
- 28 Oil-Field Chains - Heavy Series – HE
Cadenas para bombas de extracción de petróleo de series pesada (reforzada) - HE
- 30 Super Roller Chains - SUPER H
Cadenas de rodillos de serie pesada super (super reforzada) – SUPER H
- 32 Double Capacity Chains
Cadenas de doble capacidad
- 34 Double Pitch Roller Chains - Drive Series
Cadena de rodillos de paso largo (doble paso) - Transmision
- 35 Double Pitch Roller Chains - Conveyor Series
Cadena de rodillos de paso largo (doble paso) - Transporte

- 40 Aqua-Proof Roller Chains - AP Series
Cadenas de rodillos anticorrosivo - AP
- 42 Nickel-Plated BS Chains – NP
BS Cadenas niquelada - NP
- 43 Nickel-Plated ANSI Chains – NP
ANSI Cadenas niquelada - NP
- 44 Nickel-Plated Double Pitch Chains – NP
Cadenas niquelada de paso largo (doble paso) - NP
- 45 Side Bow Chains –SB
Cadenas de giro lateral - SB
- 46 Hollow Pin Chains – HP
Cadenas de eje hueco - HP
- 47 Stainless Hollow Pin Chains -HP-SS
Cadenas de eje hueco inoxidable – HP-SP
- 49 Sintered Steel Bushing - SL ANSI
Casquillo de acero sinterizado – SL ANSI
- 50 Sintered Steel Bushing - SL Double Pitch
Casquillo de acero sinterizado – SL paso largo (doble paso)

Indice SY

Pag.

- 51 Sintered Steel Bushing - SLR BS
Casquillo de acero sinterizado autolubricado – SLR BS
- 52 Sintered Steel Bushing - SLR ANSI (T.S.)
Casquillo de acero sinterizado autolubricado – SLR ANSI (T.S.)
- 53 Sintered Steel Bushing - SLR ANSI (C.S.)
Casquillo de acero sinterizado autolubricado – SLR ANSI (C.S.)
- 54 Sintered Steel Bushing - SLR Double Pitch
Casquillo de acero sinterizado autolubricado de paso largo (doble paso) – SLR paso largo (doble paso)
- 55 Sintered Steel Bushing - HB-Type
Casquillo de acero sinterizado – HB Type
- 56 Maintenance Free Roller Chains – MF
Cadenas de rodillos libre de mantenimiento - MF

- 64 BS Standard Attachment Chains
BS Cadenas con aleta estandar
- 66 ANSI Standard Attachment Chains
ANSI Cadenas con aleta estandar
- 68 Double Pitch Attachment Chains
Cadenas con aleta de paso largo (doble paso)
- 70 Side Roller Chains
Cadenas con rodillos laterales
- 71 Top Roller Chains
Cadenas con rodillos superiores
- 72 81X Transfer Chains
Cadenas de transferencia – 81X
- 73 3939 Attachment Chains
Cadenas con aletas - 3939

Standard Roller Chains

ROLLER CHAINS



HOW TO ORDER

Quantity, chain number, type-riveted or cottered when optional, and chain length are the basic information needed to fill in your order. Specify the chain construction-press fit or slip fit if optional- for multiple strand chain. When ordering a cut length of chain, the assembly should be described as specifically as possible. When referencing attachment chains, the attachment spacing must be specified.

STANDARD PACKING

SY roller chains are packed in 10-ft lengths with one connecting link. Chains are also available on reels, with one connecting link per 10'.

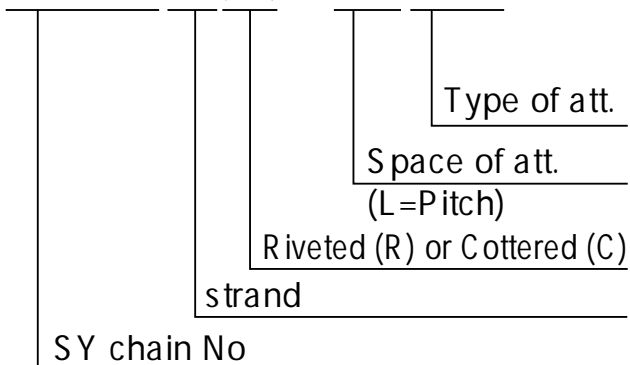


When ordering a cut length of chain, specify the total number of pitches needed including the number of C/L and/or O/L.

NOMENCLATURE

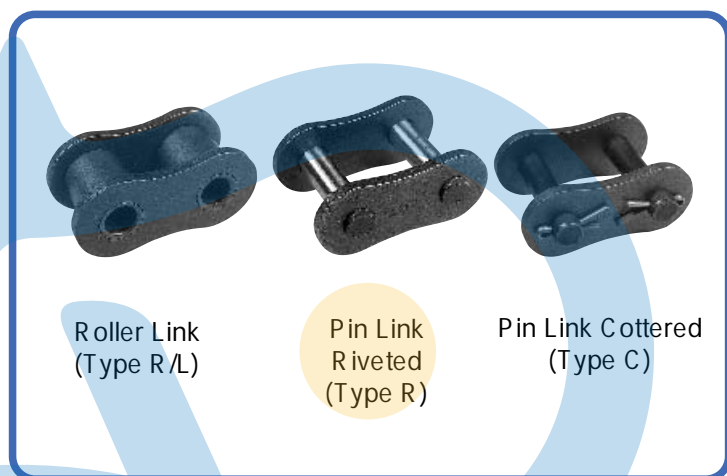
SY120-2(R)

2L A-2



Plain chain consists of "SY chain No" and "Type of pin link". Attachment chain has one space between "Type of pin link" and "Space of attachment".

CHAIN PARTS



CHAIN CONNECTION PARTS



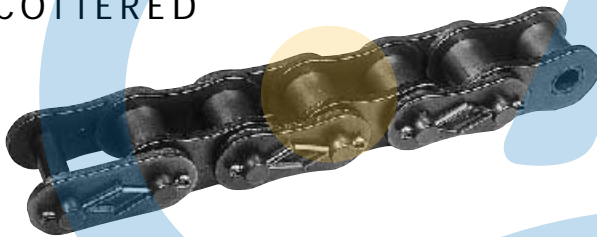
CHAIN CONSTRUCTION

RIVETED



Riveted chain is assembled by staking the pin heads on both sides of the chain.

COTTERED



Cottered chain is assembled by staking pin heads on one side and using cotters in drilled holes on the opposite side. This construction allows for easier field assembly and disassembly.

SINGLE AND MULTIPLE



Multiple strand roller chains possess slip fit center plates as standard. Modified press fit center plates are available when specified.

Roller chain with connecting link (C/L)

Generally an even number of pitches includes a C/L on one end.



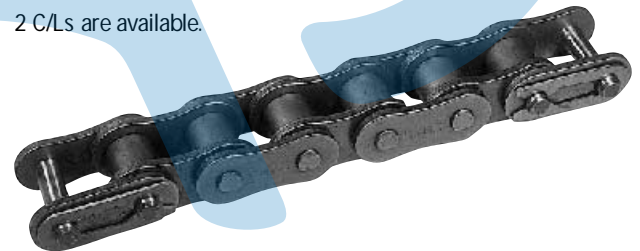
Roller chain with offset link (O/L)

Generally, when an odd number of pitches is required, a C/L and an O/L are used.



Roller chain with connecting links (C/L's) on both ends.

For odd pitch strands which are not assembled endless, 2 C/Ls are available.



Roller chain endless

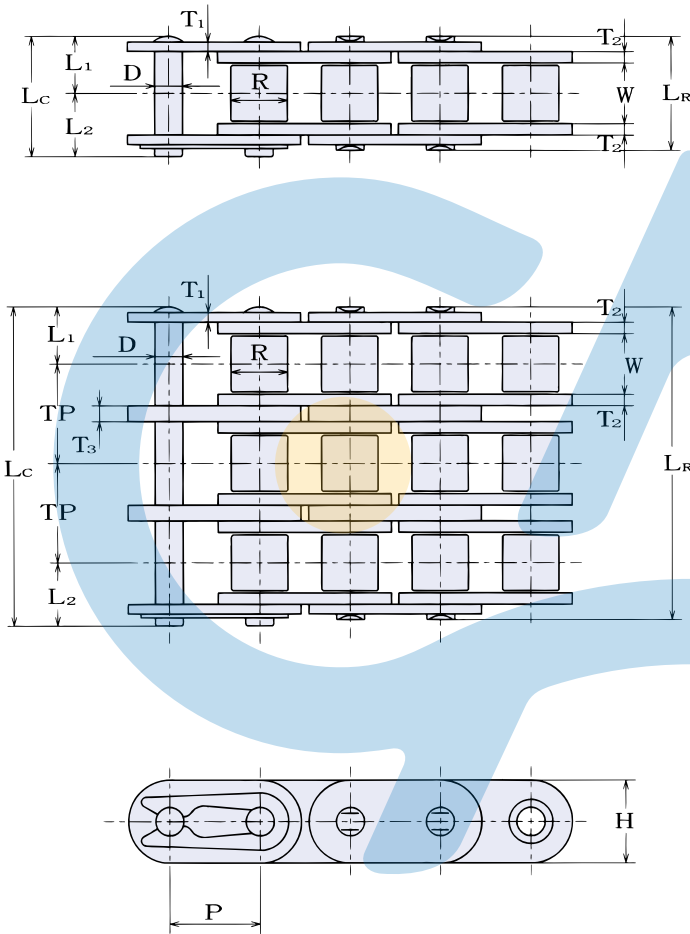
It is standard to furnish chain with the connecting link loose. However, if an endless chain assembly is required, indicate whether it is to be riveted endless or connected endless with a connecting link.



BS Standard Roller Chains

BS Standard Roller Chains

SY British Standard chain is manufactured in accordance with ISO 606 B and fully interchangeable with British standard BS 228 and German standard DIN 8187. Attachment chains and stainless steel chains are available.



Item	See Page		
Rustless	36	40	42
Drive Chain Selection	76	77	

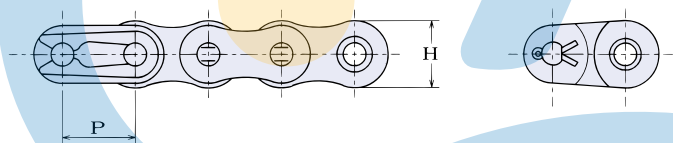
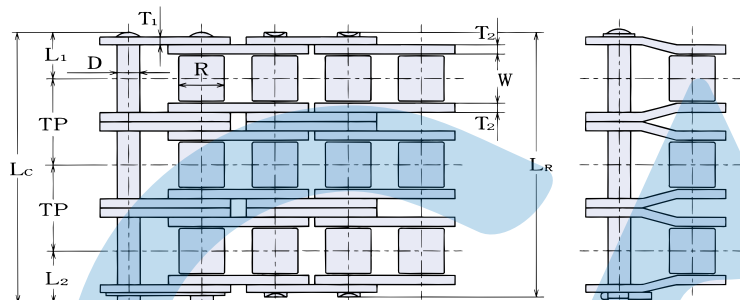
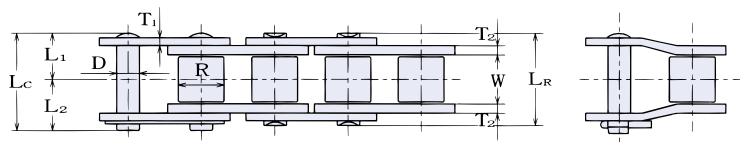
Standard Packing	06B
1 Unit (10')	320P
1 Unit (5m)	526P

06B

SY Chain No. (B S)	Pitch	Dimensions - mm												Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller			Pin					Plate			Trans. Pitch			
		Width	Dia.	Dia.	Length			Height	Thickness							
P	W	R	D	L _R	L _C	L ₁	L ₂	H	T ₁	T ₂	T ₃	TP	kN	kN	kg/m	
06B	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0	1.25	1.6	10.24	8.92	1.7	0.41
-2					22.9	23.7								16.9	2.9	0.78
-3					33.2	33.7								24.9	4.2	1.18

Curled bushing is used.

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



Item	See Page	
Attachment Chain	64	65
Rustless	36	40 42
SLR Self-Lube Chain	51	
Drive Chain Selection	76	77

Standard Packing	08B	10B
1 Unit (10')	240P	192P
1 Unit (5m)	394P	316P

08B

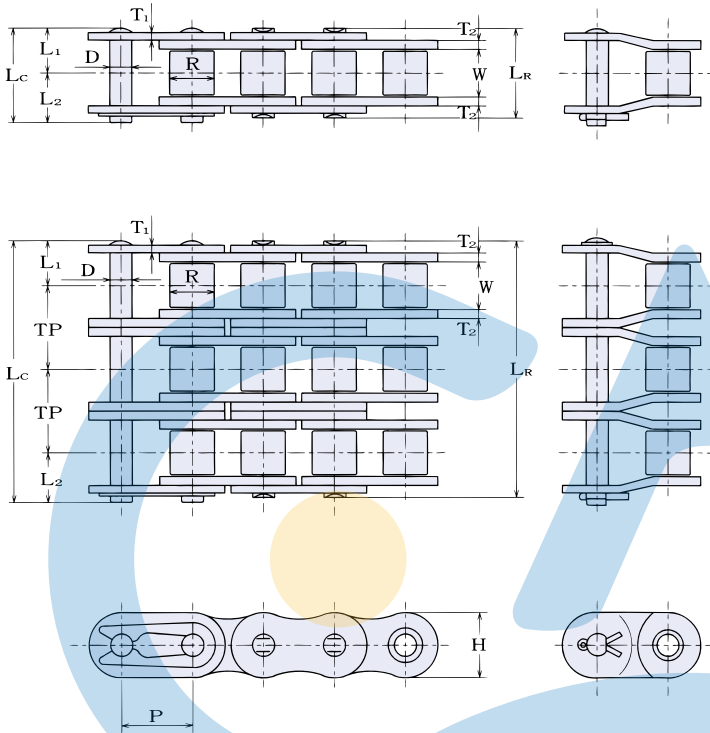
SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
08B	12.70	7.75	8.51	4.45	16.7	18.2	8.4	9.8	11.8	1.5		13.92	17.8	3.14	0.61
-2					30.6	31.9							31.1	5.35	1.26
-3					44.5	45.8							44.5	7.85	1.88

10B

SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
10B	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65		16.59	22.2	4.90	0.89
-2					35.6	37.3							44.5	8.33	1.79
-3					52.4	54.4							66.7	12.2	2.66

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



Item	See Page	
Attachment Chain	64	65
Rustless	36	40 42
SLR Self-Lube Chain	51	
MF Maintenance Free	56	76
Drive Chain Selection	76	77

Standard Packing	12B	16B
1 Unit (10')	160P	120P
1 Unit (5m)	262P	198P

12B

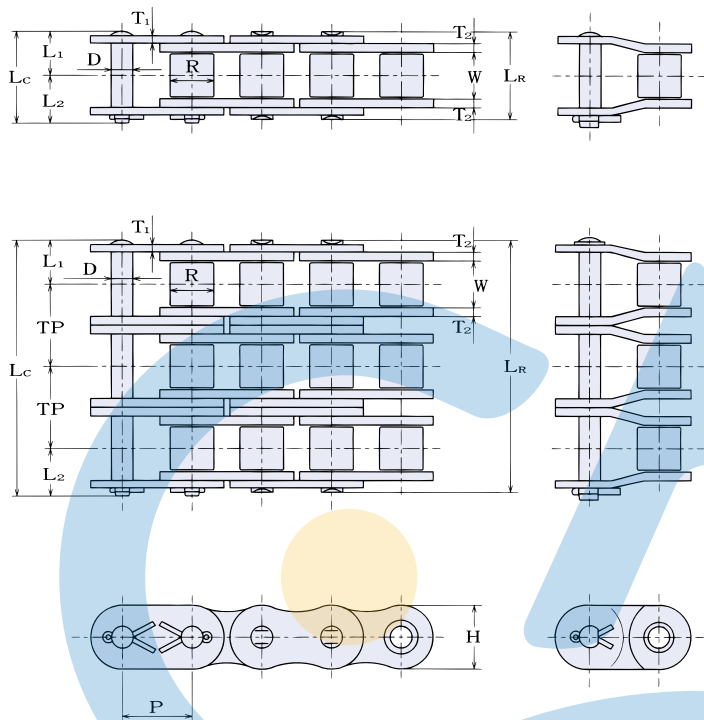
SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
12B	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8		19.46	28.9	7.06	1.14
-2					41.6	43.1							57.8	12.0	2.28
-3					61.1	62.7							86.7	17.6	3.36

16B

SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
16B	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.6	21.0	3.2	4.0	31.88	60	16.4	2.59
-2					67.2	70.1							106	21.4	5.13
-3					99.2	102.5							160	31.5	7.68

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



Item	See Page	
Attachment Chain	64	65
Rustless	36	40 42
SLR Self-Lube Chain	51	
MF Maintenance Free	56	76
Drive Chain Selection	76	77

Standard Packing	20B	24B
1 Unit (10')	96P	80P
1 Unit (5m)	158P	132P

20B

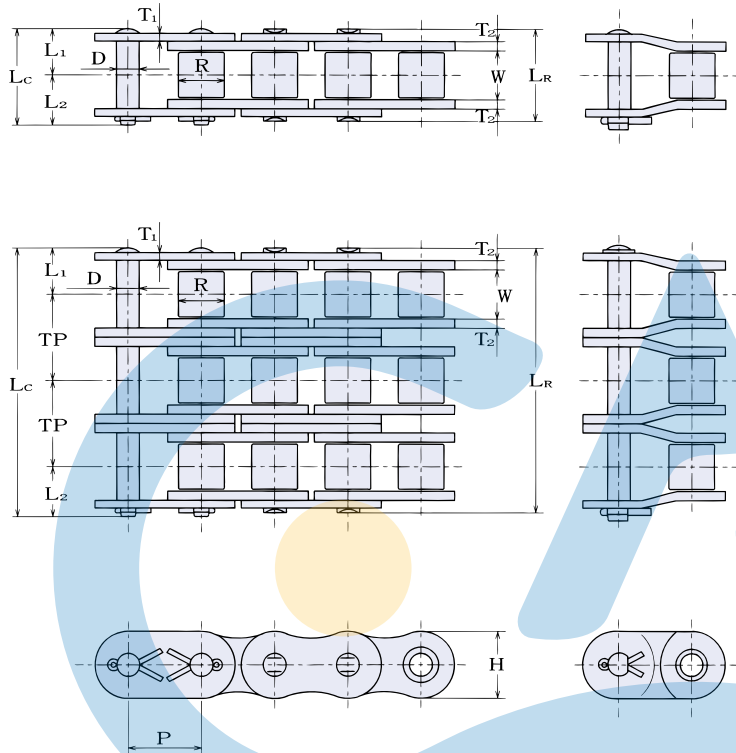
SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
20B	31.75	19.56	19.05	10.16	40.2	44.0	20.1	23.9	26.4	3.5	4.5	36.45	95	25.5	3.76
-2					76.8	80.6							170	33.3	7.26
-3					113.3	117.2							250	49.0	10.86

24B

SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
24B	38.10	25.40	25.40	14.63	53.4	58.1	26.7	31.4	33.4	4.8	5.9	48.36	160	35.7	7.29
-2					101.8	106.5							280	46.8	14.53
-3					150.2	154.9							425	68.8	21.76

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



Item	See Page
Rustless	36 40 42
SLR Self-Lube Chain	51
MF Maintenance Free	56 76
Drive Chain Selection	76 77

Standard Packing	28B	32B
1 Unit (10')	68P	60P
1 Unit (5m)	114P	100P

28B

SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	LC	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
28B	44.45	31.00	27.94	15.88	65.1	70.5	32.6	37.9	37.0	6.3	7.4	59.56	200	44.5	9.26
-2					124.7	130.0							360	58.3	18.45
-3					184.2	189.6							530	85.8	27.65

32B

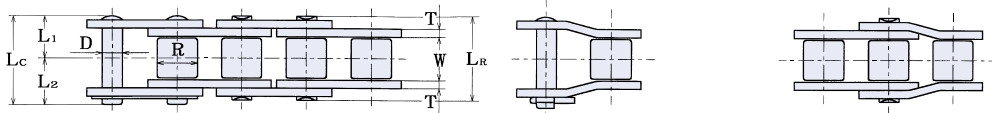
SY Chain No. (B S)	Pitch	Dimensions - mm											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness							
P	W	R	D	LR	LC	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
32B	50.80	31.00	29.21	17.81	65.0	71.1	32.5	38.6	42.2	6.3	6.9	58.55	250	51.0	9.92
-2					123.4	129.7							450	66.6	19.76
-3					182.0	188.3							670	98.0	29.61

Refer to page 80. " Selection of offset link "

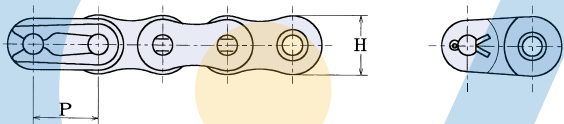
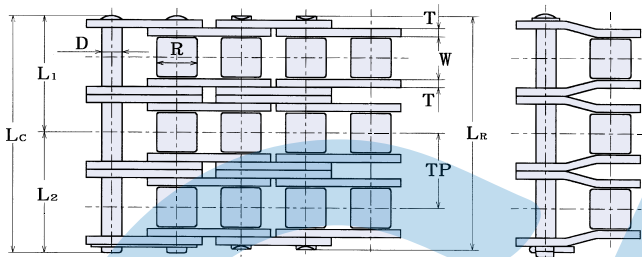
www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

ANSI Standard Roller Chains

SY's precision power transmission roller chains meet or exceed ANSI standard B29.1. Supplied in single and multiple strands of ANSI sizes from 3/8" to 3" pitch.



2Pitch Offset



Item	See Page	
Attachment Chain	66	67
Rustless	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 Uni(10')	320P	240P
On a Reel	250'	200'

35 (BUSHED CHAIN)

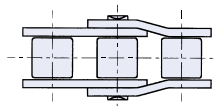
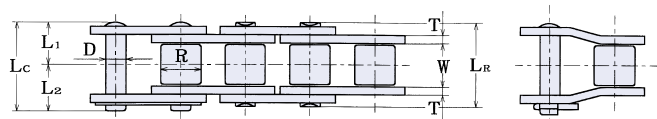
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
SY 35	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	-	10.8	2.48	0.34
SY 35-2					22.1	23.0	11.1	11.9			10.1	21.6	3.67	0.63
SY 35-3					32.2	33.1	16.1	17.0				32.4	5.40	0.92
SY 35-4					42.3	43.2	21.2	22.0				43.2	7.13	1.22
SY 35-5					52.4	53.2	26.2	27.0				54.0	8.42	1.56
SY 35-6					62.5	63.5	31.3	32.2				64.8	9.94	1.89

40

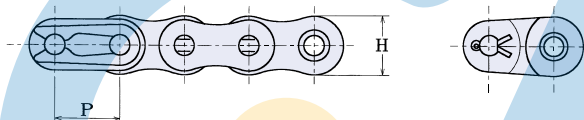
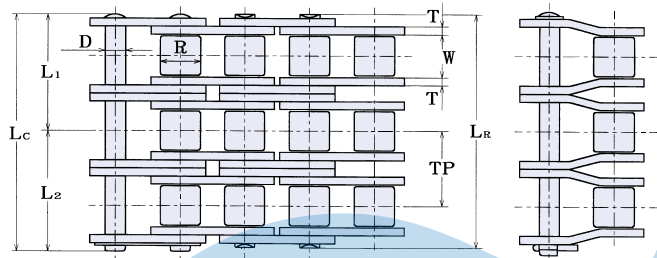
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
SY 40	12.70	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.7	1.5	-	19.1	4.17	0.60
SY 40-2					30.8	32.2	15.4	16.8			14.4	38.2	6.17	1.22
SY 40-3					45.0	46.6	22.5	24.1				57.3	9.08	1.85
SY 40-4					60.0	60.8	30.0	30.8				76.4	12.0	2.46
SY 40-5					74.6	75.6	37.3	38.3				95.5	14.2	3.14
SY 40-6					89.0	89.9	44.5	45.4				115.0	16.7	3.31

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



2Pitch Offset



Item	See Page	
Attachment Chain	60	67
Rustless	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 Uni(10')	192P	160P
On a Reel	100'	100'

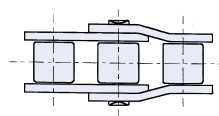
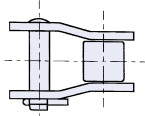
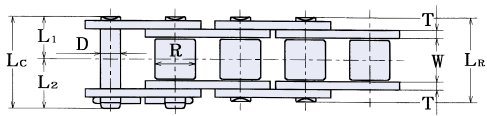
50

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						
SY 50	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
SY 50-2					38.4	40.0	19.2	20.8			18.1	63.8	10.7	2.00
SY 50-3					56.7	58.2	28.4	29.8				95.7	15.7	3.07
SY 50-4					75.0	75.7	37.5	38.2				128	20.7	3.97
SY 50-5					93.2	94.1	46.6	47.5				160	24.5	5.02
SY 50-6					111.4	112.5	55.7	56.8				191	28.9	6.01

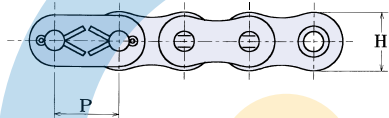
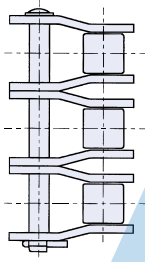
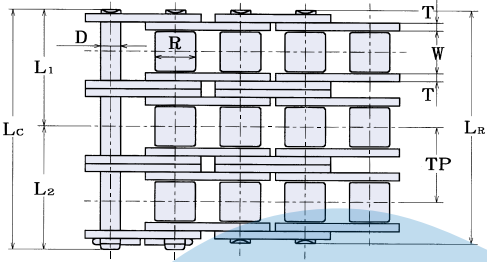
60

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						
SY 60	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
SY 60-2					48.2	49.7	24.0	25.7			22.8	86.2	14.7	2.95
SY 60-3					71.2	72.6	35.2	37.4				129	21.6	4.43
SY 60-4					94.4	95.4	47.2	48.2				172	28.5	5.92
SY 60-5					117.0	118.2	58.5	59.7				216	33.7	7.41
SY 60-6					140.0	140.9	70.1	70.8				259	39.7	8.90
SY 60-8					185.0	186.6	92.5	94.1				345	53.5	13.36
SY 60-10					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
Rustless	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 Uni(10')	120P	96P

80

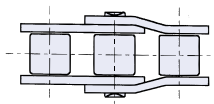
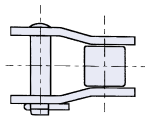
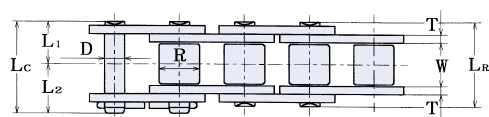
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length			Height H	Thick. T					
					LR	LC	L1				L2			
SY80	25.40	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	-	78.5	19.1	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

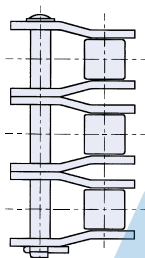
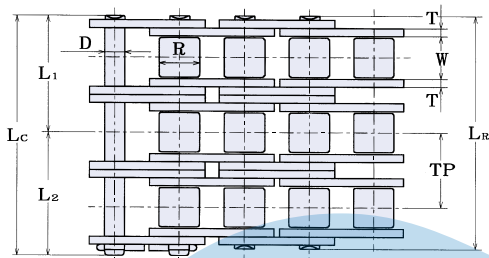
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length			Height H	Thick. T					
					LR	LC	L1				L2			
SY100	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0	-	118	29.4	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 "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

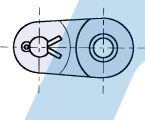
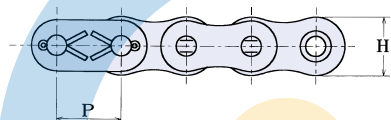


2Pitch Offset



Item	See Page	
Attachment Chain	66	67
Rustless	36	40
SL Self-Lube Chain	49	
MF Maintenance Free	57	
Drive Chain Selection	76	77
Horsepower Ratings	84	

Standard Packing	SY120	SY140
1 Unit(10')	80P	68P



120

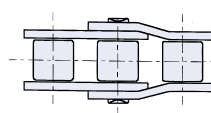
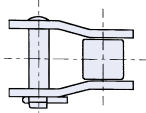
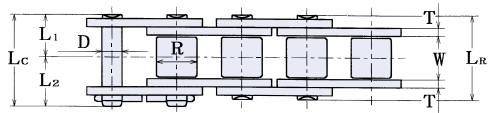
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC			L1		L2			
SY120	38.10	25.40	22.23	11.10	49.5	53.4	24.8	28.6	35.1	4.8	-	167	39.5	5.76
SY120-2					94.9	98.8	47.5	51.3			45.4	334	51.7	11.49
SY120-3					140.3	144.2	70.2	74.0				501	76.0	17.20
SY120-4					186.1	190.0	93.1	96.9				668	100	22.92
SY120-5					231.5	235.4	115.8	119.6				835	119	28.65
SY120-6					276.9	280.8	138.5	142.3				1002	140	34.36
SY120-8					367.5	371.7	183.8	187.9				1336	188	45.81
SY120-10					458.3	462.5	229.2	233.3				1670	228	57.38

140

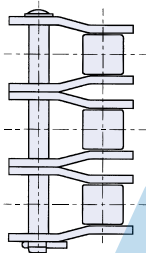
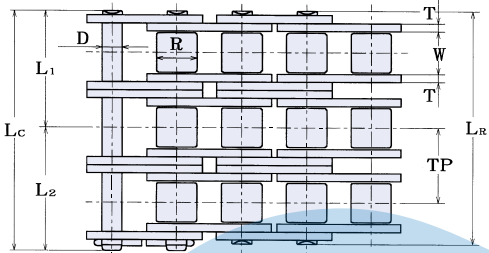
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC			L1		L2			
SY140	44.45	25.40	25.4	12.70	54.0	58.3	27.0	31.3	40.9	5.6	-	216	52.3	7.41
SY140-2					102.9	107.2	51.5	55.7			48.9	432	68.3	14.63
SY140-3					151.7	156.3	75.9	80.4				648	101	21.91
SY140-4					201.2	205.5	100.6	104.9				864	133	29.17
SY140-5					250.1	254.4	125.1	129.3				1080	157	36.45
SY140-6					299.0	303.3	149.5	153.8				1296	185	43.72
SY140-8					396.5	401.1	198.3	202.8				1728	249	58.28
SY140-10					494.3	498.9	247.2	251.7				2160	302	72.82

Refer to page 80. " Selection of offset link "

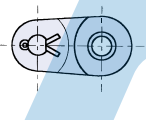
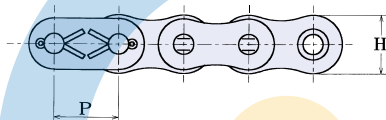
www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



2Pitch Offset



Item	See Page	
Attachment Chain	66	67
Rustless	36	40
SL Self-Lube Chain	49	
MF Maintenance Free	57	
Drive Chain Selection	76	77
Horsepower Ratings	84	85



Standard Packing	SY160	SY180
1 Unit(10')	60P	54P

160

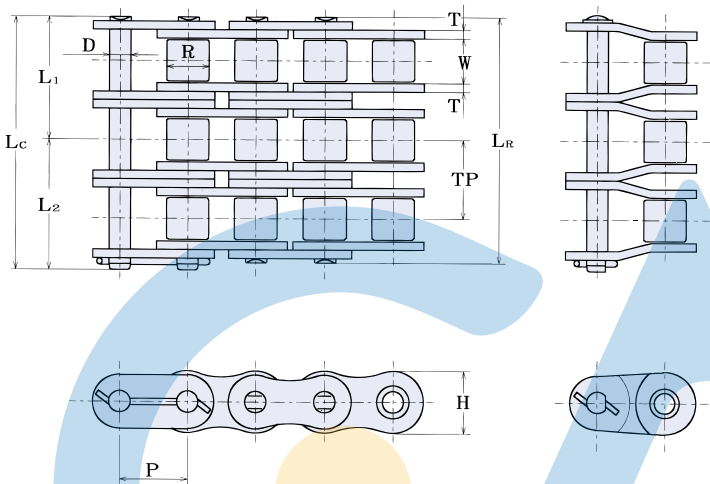
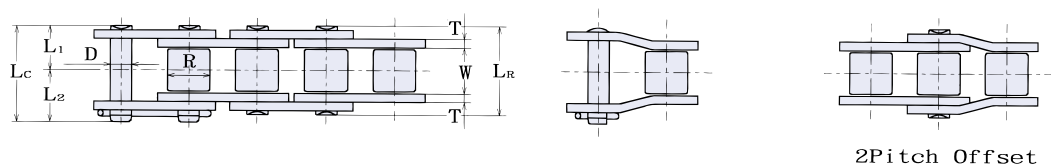
SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
SY160	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	-	275	69.0	9.79
SY160-2					122.8	127.2	61.4	65.8			58.5	550	90.1	19.45
SY160-3					181.3	185.7	90.7	95.0				825	133	29.17
SY160-4					240.3	244.7	120.2	124.5				1100	175	38.77
SY160-5					298.8	303.3	149.4	153.9				1375	207	48.43
SY160-6					357.4	361.7	178.7	183.0				1650	244	58.08
SY160-8					474.4	478.8	237.2	241.6				2200	329	77.39
SY160-10					591.4	595.8	295.7	300.1				2750	398	102.86

180

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						
SY180	57.15	35.70	35.70	17.45	72.5	78.4	36.3	42.1	52.5	7.2	-	353	79.0	13.39
SY180-2					138.2	144.0	69.1	74.9			65.8	706	98.4	26.62
SY180-3					204.5	210.2	102.3	107.9				1059	145	39.85
SY180-4					270.2	275.9	135.1	140.8				1412	191	53.08
SY180-5					336.0	341.6	173.6	173.7				1765	226	66.31
SY180-6					401.8	407.3	200.9	206.4				2118	266	79.54

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es



Item	See Page
Rustless	40
MF Maintenance Free	57
Drive Chain Selection	76 77
Horsepower Ratings	85

Standard Packing	SY200	SY240
1 Unit(10')	48P	40P

200

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						
SY200	63.50	38.10	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	-	451	93	16.93
SY200-2					150.2	158.7	75.1	83.6			71.6	902	122	33.73
SY200-3					221.7	230.2	110.9	119.3				1353	179	50.53
SY200-4					293.3	302.4	146.7	155.7				1804	236	67.34
SY200-5					365.5	374.0	182.8	191.2				2255	279	84.14
SY200-6					437.1	445.6	218.6	227.0				2706	329	100.94

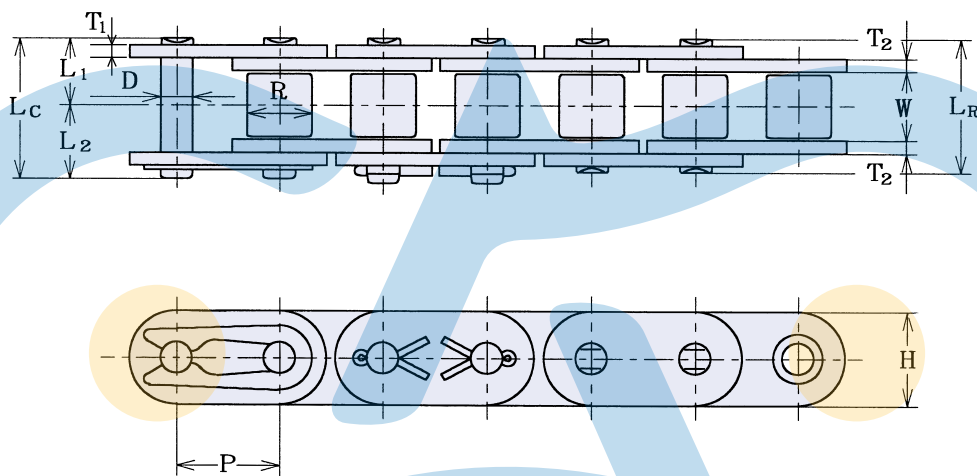
240

SY Chain No. (ANSI)	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
SY240	76.20	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5	-	677	129	23.64
SY240-2					184.2	191.8	92.1	99.7			87.8	1354	167	47.13
SY240-3					272.0	279.6	136.0	143.6				2031	245	70.61
SY240-4					359.8	367.4	179.9	187.5				2708	324	94.09
SY240-5					447.6	455.2	223.8	231.4				3385	383	117.56
SY240-6					535.5	543.0	267.8	275.2				4062	451	141.06

Refer to page 80. " Selection of offset link "

BS Straight Sidebar Chains

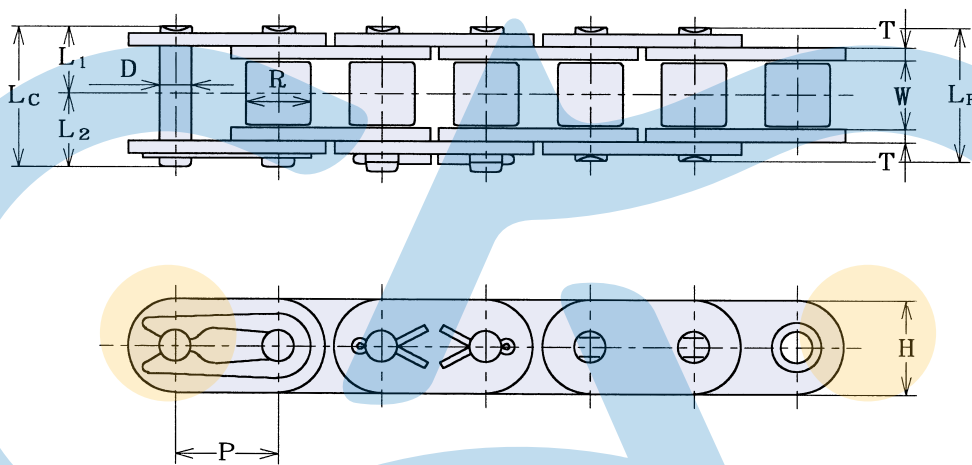
SY BS Straight Sidebar chains are identical with BS standard chains except for the straight side plates. They offer higher fatigue resistance than the standard chains. However, the main usage is for conveyor applications when a flat side plate is needed. Sprockets for BS standard chains may be used for these chains. The suffix F is used for identification of Straight Sidebar Chains.



SY Chain No.	Dimensions - mm												Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight	Type of Conn Link
	Pitch	Roller		Pin				Plate		Trans. Pitch						
		Width	Dia.	Dia.	Length		Height	Thickness								
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m		
06B-F	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0	1.25	8.92	8.92	1.77	0.48	Spcl
08B-F	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5		17.8	17.8	3.14	0.68	
10B-F	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65		22.3	22.3	4.90	0.99	
12B-F	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8		28.9	28.9	7.06	1.27	
16B-F	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.5	20.3	3.2	4.0	60.8	60.8	12.6	2.9	C
20B-F	31.75	19.56	19.05	10.16	40.2	44.0	20.1	23.9	26.0	3.5	4.5	95.1	95.1	19.6	4.21	
24B-F	38.10	25.40	25.40	14.63	53.4	58.1	26.7	31.4	32.7	4.8	5.9	161.0	161.0	27.5	8.16	
28B-F	44.45	30.99	27.94	15.88	65.1	70.5	32.6	37.9	36.6	6.3	7.4	201.0	201.0	34.3	10.37	
32B-F	50.80	30.99	29.21	17.81	65.0	71.1	32.5	38.6	41.7	6.3	6.9	250.0	250.0	39.2	11.11	

ANSI Straight Sidebar Chains

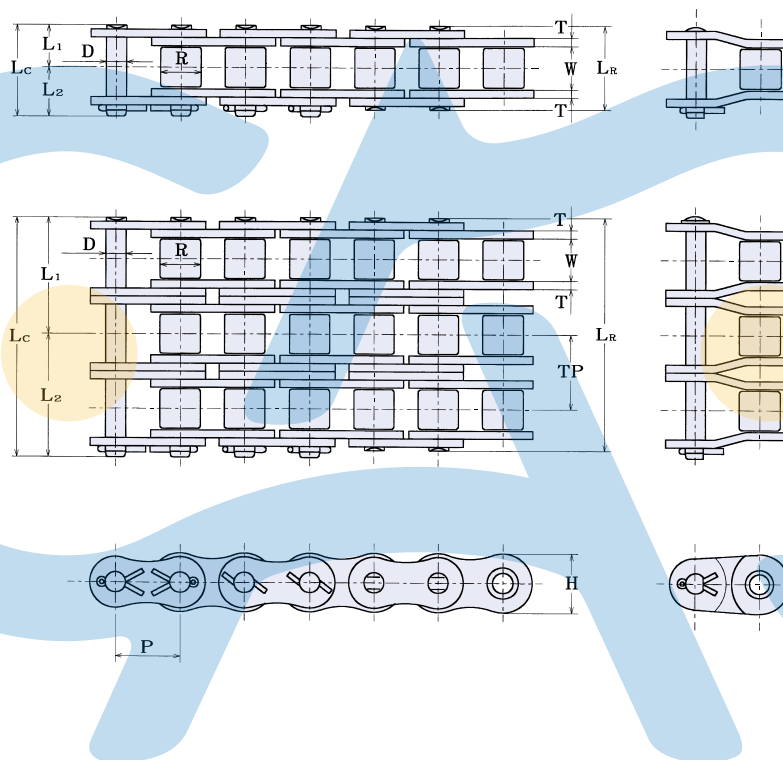
SY ANSI Straight Sidebar chains are identical with ANSI standard chains except for the straight side plates. They offer higher fatigue resistance than the standard chains. However, the main usage is for conveyor applications when a flat side plate is needed. Sprockets for ANSI standard chains may be used for these chains. The suffix F is used for identification of Straight Sidebar Chains.



SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight	Type of Conn Link
	Pitch	Roller		Pin				Plate						
		Width	Dia.	Dia.	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	kN	kN	kg/m		
SY 35F	9.525	4.78	5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25	10.8	2.23	0.38	Spcl
SY 40F	12.70	7.95	7.92	3.96	16.5	17.7	8.3	9.4	11.7	1.5	19.1	4.17	0.67	
SY 50F	15.875	9.53	10.16	5.08	20.4	21.9	10.2	11.7	14.6	2.0	31.9	7.22	1.1	C
SY 60F	19.05	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4	43.1	10.7	1.63	
SY 80F	25.40	15.88	15.88	7.93	32.8	35.0	16.4	18.6	23.4	3.2	78.5	18.4	2.82	
SY 100F	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0	118	28.3	4.37	
SY 120F	38.10	25.40	22.23	11.1	49.5	53.4	24.8	28.6	35.1	4.8	167	38.0	6.45	
SY 140F	44.45	25.40	25.40	12.7	54.0	58.3	27.0	31.3	40.9	5.6	216	50.3	8.29	
SY 160F	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	275	66.3	10.96	
SY 200F	63.50	38.1	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	451	82.3	18.96	
SY 240F	76.20	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5	677	112.8	26.47	

Heavy Series Roller Chains (H Series)

SY H-series roller chains have increased link plate thickness to provide greater capacity without fatigue failure. Link plate thickness is that of the next larger size chain. The through-hardened high-tensile structural steel pins are standard. Single roller chains of this series run on standard single roller chain sprockets, however, multiple strand chains require special sprockets



SINGLE STRANDS

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight	Type of Conn Link
	Pitch	Roller		Pin				Plate						
		Width	Dia.	Dia.	Length		Height	Thick.						
P	W	R	D	Lr	Lc	L1	L2	H	T	kN	kN	kg/m		
SY 60H	19.05	12.70	11.91	5.95	28.8	30.8	14.4	16.4	17.5	3.2	54.9	10.7	1.80	C
SY 80H	25.40	15.88	15.88	7.93	35.7	38.7	17.9	20.8	23.4	4.0	90.2	18.4	2.81	
SY100H	31.75	19.05	19.05	9.53	42.4	45.9	21.2	24.7	29.3	4.8	137	28.3	4.14	
SY120H	38.10	25.40	22.23	11.10	52.8	57.2	26.4	30.8	35.1	5.6	186	38.0	5.83	
SY140H	44.45	25.40	25.40	12.70	57.2	61.8	28.6	33.2	40.9	6.4	241	50.3	8.41	
SY160H	50.80	31.75	28.58	14.28	67.9	73.0	34.0	39.0	46.7	7.2	306	66.3	10.86	
SY180H	57.15	35.70	35.70	17.45	75.6	81.5	37.8	43.7	52.5	8.0	373	70.6	15.18	
SY200H	63.50	38.10	39.67	19.83	84.8	93.4	42.4	51.0	59.8	9.5	520	82.3	17.85	S
SY240H	76.20	47.63	47.63	23.78	109.8	118.2	54.9	63.3	72.4	12.7	726	112.8	32.29	

Refer to page 80. " Selection of offset link "

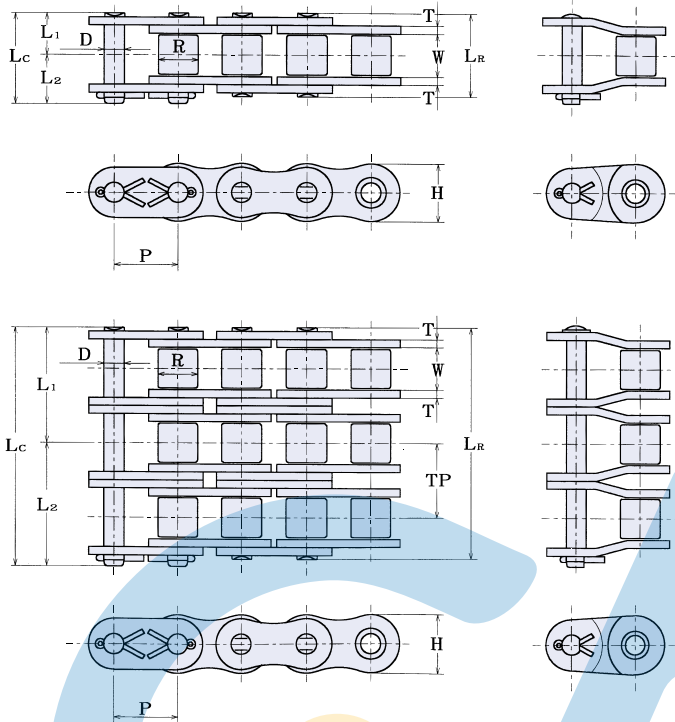
www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

MULTIPLE STRANDS

SY Chain No.	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						
SY 60H-2	19.05	12.70	11.91	5.95	54.9	57.0	27.4	29.6	17.5	3.2	26.1	110	15.2	3.59
SY 60H-3					80.6	83.1	40.3	42.8				165	22.3	5.39
SY 60H-4					107.1	109.3	53.6	55.7				220	29.4	7.18
SY 80H-2	25.40	15.88	15.88	7.93	68.4	71.3	34.2	37.1	23.4	4.0	32.6	180	25.8	5.54
SY 80H-3					101.0	104.0	50.5	53.5				271	38.0	8.26
SY 80H-4					133.6	136.7	66.8	69.9				361	50.2	10.98
SY 80H-5					166.2	169.3	83.1	86.2				451	59.3	13.71
SY 80H-6					198.8	201.9	99.4	102.5				541	69.9	16.43
SY 80H-8					264.0	267.1	132.0	135.1				722	94.2	21.88
SY100H-2	31.75	19.05	19.05	9.53	81.6	85.0	40.8	44.2	29.3	4.8	39.1	274	39.1	8.20
SY100H-3					120.7	124.4	60.4	64.0				414	57.5	12.26
SY100H-4					159.4	163.2	79.7	83.5				548	75.9	16.33
SY100H-5					198.5	202.3	99.3	103.0				685	89.7	20.39
SY100H-6					238.2	241.8	119.1	122.7				822	106	24.45
SY100H-8					316.4	320.0	158.2	161.8				1096	143	32.58
SY100H-10					394.6	398.2	197.3	200.9				1370	173	40.70
SY120H-2	38.10	25.40	22.23	11.10	102.0	106.1	51.0	55.1	35.1	5.6	48.9	372	53.4	11.56
SY120H-3					150.6	154.6	75.3	79.3				558	78.5	17.29
SY120H-4					199.2	203.2	99.6	103.6				744	104	23.02
SY120H-5					247.8	252.6	123.9	128.7				930	123	28.75
SY120H-6					297.6	301.9	148.8	153.1				1116	144	34.48
SY120H-8					395.4	399.7	197.7	202.0				1488	195	45.94
SY120H-10					493.2	497.5	246.6	250.9				1860	236	57.40
SY140H-2	44.45	25.40	25.40	12.70	109.4	114.0	54.7	59.3	40.9	6.4	52.2	482	70.0	16.59
SY140H-3					161.8	166.4	80.9	85.5				723	103	24.77
SY140H-4					214.0	218.7	107.0	111.7				964	136	32.96
SY140H-5					266.2	270.9	133.1	137.8				1205	161	41.15
SY140H-6					318.4	323.1	159.2	163.9				1446	190	49.33
SY140H-8					422.8	427.5	211.4	216.1				1928	255	65.78
SY160H-2	50.8	31.75	28.58	14.28	129.8	134.9	64.9	70.0	46.7	7.2	61.9	612	93.3	21.21
SY160H-3					191.8	196.8	95.9	100.9				918	137	31.54
SY160H-4					253.7	258.8	126.9	131.9				1224	181	41.89
SY160H-6					377.5	382.6	188.8	193.8				1836	253	62.58
SY180H-2	57.15	35.70	35.70	17.45	144.2	149.8	72.1	77.7	52.5	8.0	68.6	746	102	31.06
SY180H-3					212.8	218.7	106.4	112.3				1119	149	44.94
SY180H-4					281.4	287.4	140.7	146.7				1492	197	59.83
SY200H-2	63.50	38.10	39.67	19.84	163.1	172.0	81.6	90.4	59.8	9.5	78.3	1040	127	35.20
SY200H-3					241.4	250.3	120.7	129.6				1560	186	62.53
SY200H-4					319.8	328.6	159.9	168.7				2080	246	69.94
SY240H-2	76.20	47.63	47.63	23.78	211.0	219.4	105.5	113.9	72.4	12.7	101.2	1452	173	62.06
SY240H-3					312.2	320.6	156.1	164.5				2178	255	91.82
SY240H-4					413.4	421.8	206.7	215.1				2904	336	121.58

Oil-Field Chains

ROLLER CHAINS



SY Oil-Field chains are certified by API (American Petroleum Institute) and registered with API Vender #7F-0025. (API Monogram licensee) Specify the chain construction-press fit or slip fit if optional- for multiple strand chain. Multiple strand chains with press-fit center plates have significantly greater fatigue strength than their slip-fit center plate counterparts.



Licensed under Spec. 7F-0025



JQA-QM5873

E TYPE

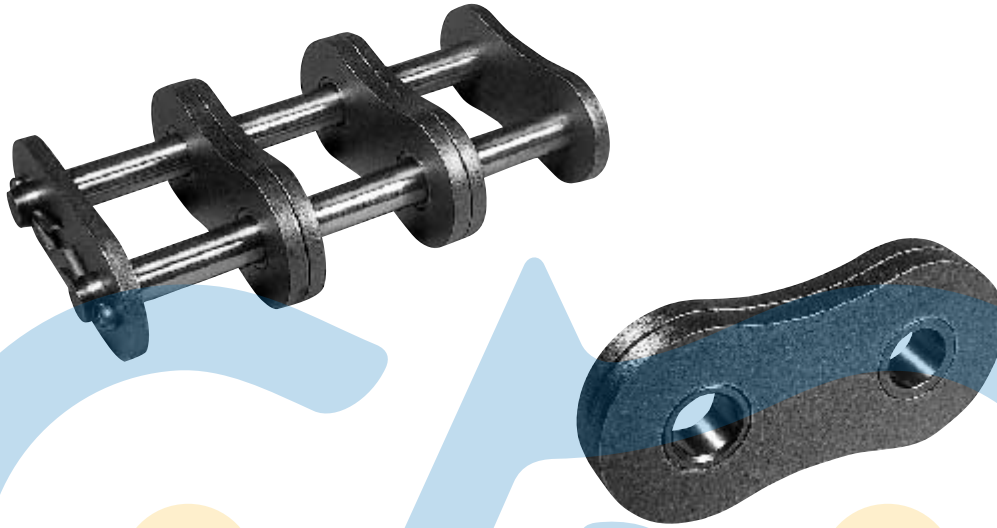
SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller			Pin				Plate		Trans. Pitch TP			
		Width W	Dia. R	Dia. D	Length				Height H	Thick. T				
					LR	LC	L1	L2						
SY 80E	25.4	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2	-	79.4	18.4	2.52
SY 80E-2					61.6	64.5	30.8	33.7			29.3	159	26.7	5.10
SY 80E-3					90.9	94.1	45.5	48.6				238	39.3	7.68
SY 80E-4					120.4	123.5	60.2	63.3				318	51.8	10.25
SY 80E-5					149.8	152.8	74.9	77.9				397	61.2	12.84
SY 80E-6					179.1	182.1	89.6	92.5				476	72.2	15.42
SY 80E-8					237.6	240.6	118.8	121.8				635	97.3	20.58
SY100E	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0	-	119	28.3	3.91
SY100E-2					75.1	78.8	37.6	41.2			35.8	238	40.8	7.74
SY100E-3					110.9	114.6	55.5	59.1				357	60.0	11.58
SY100E-4					147.4	150.8	73.7	77.1				476	79.2	15.40
SY100E-5					183.0	186.6	91.5	95.1				595	93.6	19.26
SY100E-6					218.8	222.4	109.4	113.0				714	110	23.10
SY100E-8					290.4	294.1	145.2	148.9				952	149	30.81
SY100E-10					362.0	365.7	181.0	184.7				1190	180	38.54
SY120E	38.10	25.40	22.23	11.10	49.5	53.4	24.8	28.6	35.1	4.8	-	174	38.0	5.76
SY120E-2					94.9	98.8	47.5	51.3			45.4	348	54.2	11.49
SY120E-3					140.3	144.2	70.2	74.0				522	79.8	17.20
SY120E-4					186.1	190.0	93.1	96.9				696	105	22.92
SY120E-5					231.5	235.4	115.8	119.6				870	124	28.65
SY120E-6					276.9	280.8	138.5	142.3				1044	147	34.36
SY120E-8					367.5	371.7	183.8	187.9				1392	198	45.81
SY120E-10					458.3	462.5	229.2	233.3				1740	239	57.38

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

BCL Connecting links provided with press-fit type chains

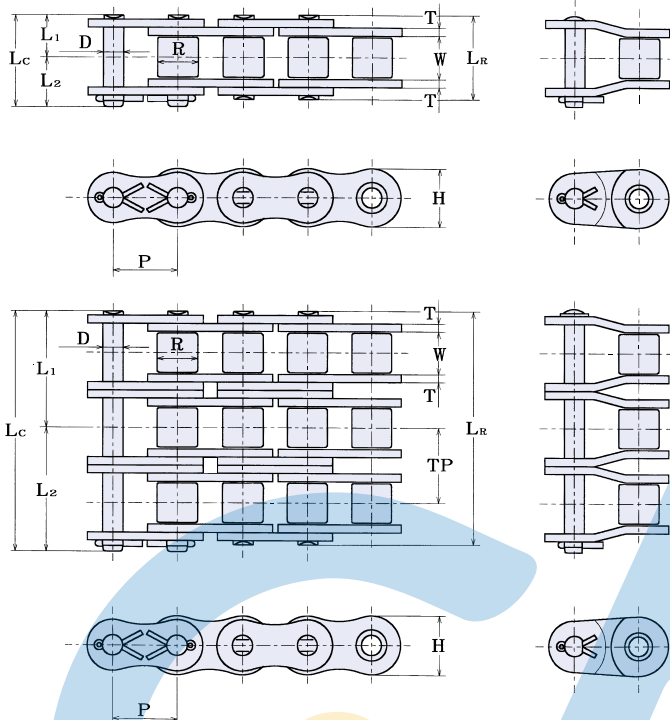
Bushed Center plate Link (BCL) is available. The BCL connecting link consists of two center plates held together tightly with two press-fit bushings. These features minimize the potential of any relative motion between pins and bushings, and it helps with equal distribution of chain-load across pins.



SY Chain No.	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	T	TP			
SY140E	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	40.9	5.6	-	227	50.3	7.41
SY140E-2					102.9	107.2	51.5	55.7			48.9	454	73.2	14.63
SY140E-3					151.7	156.3	75.9	80.4				681	108	21.91
SY140E-4					201.2	205.5	100.6	104.9				908	142	29.17
SY140E-5					250.1	254.4	125.1	129.3				1135	168	36.45
SY140E-6					299.0	303.3	149.5	153.8				1362	198	43.72
SY140E-8					396.5	401.1	198.3	202.8				1816	267	58.28
SY160E	50.80	31.75	28.58	14.28	64.3	68.7	32.2	36.5	46.7	6.4	-	294	66.3	9.79
SY160E-2					122.8	127.2	61.4	65.8			58.5	588	95.0	19.45
SY160E-3					181.3	185.7	90.7	95.0				882	140	29.17
SY160E-4					240.3	244.7	120.2	124.5				1176	184	38.77
SY160E-6					298.8	303.3	149.4	153.9				1764	257	58.08
SY180E	57.15	35.70	35.70	17.45	72.5	78.4	36.3	42.1	52.5	7.2	-	363	70.6	13.39
SY180E-2					138.2	144.0	69.1	74.9			65.8	726	102	26.62
SY180E-3					204.5	210.2	102.3	107.9				1089	150	39.85
SY180E-4					270.2	275.9	135.1	140.8				1452	197	53.08
SY200E	63.50	38.10	39.67	19.83	78.5	87.0	39.3	47.7	59.8	8.0	-	470	82.3	16.93
SY200E-2					150.2	158.7	75.1	83.6			71.6	940	130	33.73
SY200E-3					221.7	230.2	110.9	119.3				1410	191	50.53
SY200E-4					293.3	302.4	146.7	155.7				1880	252	67.34
SY240E	76.20	47.63	47.63	23.78	96.4	104.1	48.2	55.9	70.3	9.5	-	677	112.8	23.64
SY240E-2					184.2	191.8	92.1	99.7			87.8	1354	179	47.13
SY240E-3					272.0	279.6	136.0	143.6				2031	263	70.61
SY240E-4					359.8	367.4	179.9	187.5				2708	347	94.09

Oil-Field Chains (Heavy Series)

ROLLER CHAINS



SY Heavy series Oil-Field roller chains are designed with thicker side plates to insure greater capacity for absorbing shock loads without fatigue failure of side plates. Also manufactured to optimal tolerances in accordance with ANSI specifications and are mainly used for applications where space and design limitations prohibit the use of a large size roller chain, and yet greater load carrying capacities are needed in oil-field drilling operations.



Licensed under Spec. 7F-0025



JOA-QM5873

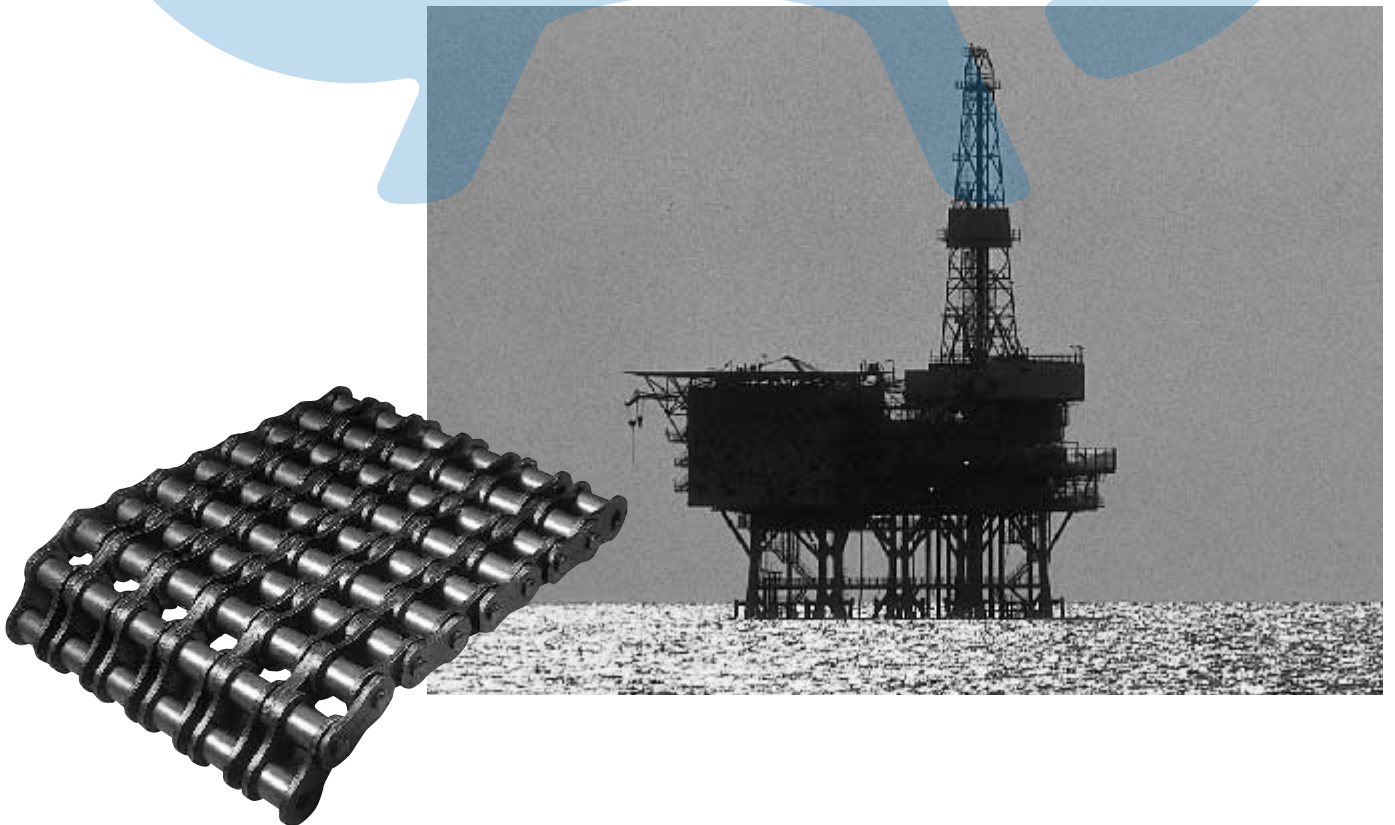
HE TYPE

SY Chain No.	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			
					L _R	L _C	L ₁	L ₂						
SY 80HE	25.4	15.88	15.88	7.93	35.5	38.8	17.8	21.1	23.4	4.0	-	93.2	18.4	2.80
SY 80HE-2					68.4	71.3	34.2	37.1			32.6	186	28.4	5.54
SY 80HE-3					101.0	104.0	50.5	53.5				280	41.8	8.26
SY 80HE-4					133.6	136.7	66.8	69.9				373	55.1	10.98
SY 80HE-5					166.2	169.3	83.1	86.2				466	65.1	13.71
SY 80HE-6					199.0	201.9	99.4	102.5				559	76.8	16.43
SY 80HE-8					264.0	267.1	132.0	135.1				746	104	21.88
SY100HE	31.75	19.05	19.05	9.53	42.2	45.7	21.1	24.6	29.3	4.8	-	142	28.3	4.14
SY100HE-2					81.6	85.0	40.8	44.2			39.1	284	45.1	8.20
SY100HE-3					120.7	124.4	60.4	64.0				426	66.3	12.26
SY100HE-4					159.0	163.5	79.7	83.5				568	87.5	16.33
SY100HE-5					198.5	202.3	99.3	103.0				710	103	20.39
SY100HE-6					238.2	241.8	119.1	122.7				852	122	24.45
SY100HE-8					316.4	320.0	158.2	161.8				1136	164	32.58
SY100HE-10					394.6	398.2	197.3	200.9				1420	199	40.70
SY120HE	38.10	25.40	22.23	11.10	52.6	57.0	26.3	30.7	35.1	5.6	-	191	38.0	5.83
SY120HE-2					102.0	106.1	51.0	55.1			48.9	382	58.3	11.56
SY120HE-3					150.6	154.6	75.3	79.3				573	85.8	17.29
SY120HE-4					199.2	203.7	99.6	104.1				764	113	23.02
SY120HE-5					247.8	252.6	123.9	128.7				955	134	28.75
SY120HE-6					297.6	301.5	148.8	152.7				1146	158	34.48
SY120HE-8					395.4	399.7	197.7	202.0				1528	213	45.94
SY120HE-10					493.2	497.5	246.6	250.9				1910	257	57.40

Refer to page 80. " Selection of offset link "

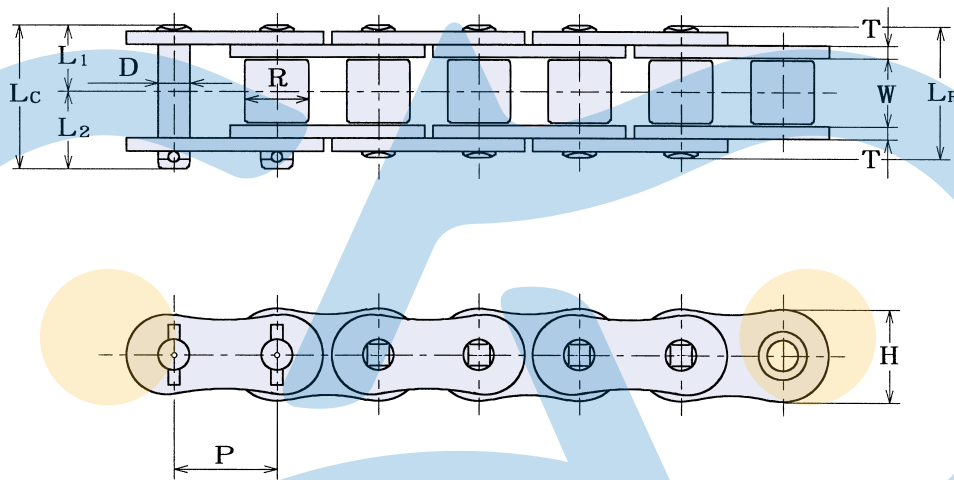
www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

SY Chain No.	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			
SY140HE	44.45	25.40	25.40	12.70	57.0	61.6	28.5	33.1	40.9	6.4	52.2	252	50.3	8.41
SY140HE-2					109.4	114.0	54.7	59.3				504	76.7	16.59
SY140HE-3					161.8	166.4	80.9	85.5				756	113	24.77
SY140HE-4					214.0	218.7	107.0	111.7				1008	149	32.96
SY140HE-5					266.2	270.9	133.1	137.8				1260	176	41.15
SY140HE-6					318.4	323.1	159.2	163.9				1512	207	49.33
SY140HE-8					422.8	427.5	211.4	216.1				2016	280	65.78
SY160HE	50.80	31.75	28.58	14.28	67.7	72.9	33.9	39.1	46.7	7.2		61.9	319	66.3
SY160HE-2					129.8	134.9	64.9	70.0			638		100.	21.21
SY160HE-3					191.8	196.8	95.9	100.9			957		147	31.54
SY160HE-4					253.7	258.8	126.9	131.9			1276		194	41.89
SY160HE-6					377.5	382.6	188.8	193.8			1914		270	62.58
SY180HE	57.15	35.70	35.70	17.45	75.7	81.3	37.9	43.5	52.5	8.0	68.6		441	70.6
SY180HE-2					144.2	149.8	72.1	77.7				882	121	30.06
SY180HE-3					212.8	218.7	106.4	112.3				1323	179	44.94
SY180HE-4					281.4	287.4	140.7	146.7				1764	236	59.83
SY200HE	63.50	38.10	39.67	19.83	84.9	93.3	42.5	50.8	59.8	9.5	78.3	559	82.3	17.85
SY200HE-2					163.1	172.0	81.6	90.4				1118	138	35.20
SY200HE-3					241.4	250.3	120.7	129.6				1677	204	52.53
SY200HE-4					319.8	328.6	159.9	168.7				2236	269	69.94
SY240HE	76.20	47.63	47.63	23.78	110.2	117.7	55.6	62.0	72.4	12.7	101.2	883	112.8	32.29
SY240HE-2					211.6	218.9	105.8	113.1				1766	192	62.06
SY240HE-3					312.6	320.1	156.3	163.8				2649	283	91.82
SY240HE-4					414.0	421.3	207.0	214.3				3532	373	121.58



Super Roller Chains

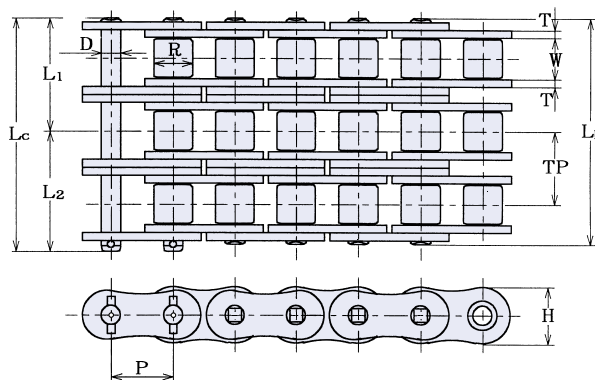
SY Super & Super Heavy series chains are designed to provide longer chain life under severe loads. Enhanced plate configuration and ball milling plate holes ensure greater tensile strength and resistance to fatigue failure. High-grade alloy steel and four point riveting provide higher shock load capacities. Super Heavy series chains have side plate thickness of the next larger chain size. Both Super and Super Heavy run on standard sprockets.



- Note: 1. Offset links are not available.
 2. Cotter type chain will be provided upon request.
 3. Riveted chain will be supplied unless otherwise specified.
 4. Press-fitted type connecting links will be supplied.

SINGLE STRANDS

SY Chain No. (ANSI)	Dimensions - mm										Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate					
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T					
					L_R	L_c	L_1	L_2					
SUPER 80	25.40	15.88	15.88	7.93	32.6	35.5	16.3	19.2	24.1	3.2	84.3	18.6	2.81
SUPER 100	31.75	19.05	19.05	9.53	39.8	43.2	19.9	23.3	30.1	4.0	127	30.4	4.26
SUPER 120	38.10	25.40	22.23	11.10	49.7	53.7	24.9	28.8	36.2	4.8	186	39.2	6.30
SUPER 140	44.45	25.40	25.40	12.70	54.0	58.3	27.0	31.3	42.2	5.6	245	53.9	8.04
SUPER 160	50.80	31.75	28.58	14.28	64.4	69.0	32.2	36.8	48.2	6.4	314	70.6	10.8
SUPER 200	63.50	38.10	39.67	19.83	78.6	86.2	39.3	46.9	60.3	8.0	490	94.1	17.6
SUPER 240	76.20	47.63	47.63	23.78	96.4	103.4	48.2	55.2	72.4	9.5	726	132	25.6
SUPER 80H	25.40	15.88	15.88	7.93	35.9	38.9	18.0	20.9	24.1	4.0	98.1	20.6	3.33
SUPER 100H	31.75	19.05	19.05	9.53	42.6	46.2	21.3	24.9	30.1	4.8	145	32.4	4.88
SUPER 120H	38.10	25.40	22.23	11.10	52.8	57.3	26.4	30.9	36.2	5.6	196	42.2	6.94
SUPER 140H	44.45	25.40	25.40	12.70	57.2	61.9	28.6	33.3	42.2	6.4	255	56.9	8.87
SUPER 160H	50.80	31.75	28.58	14.28	67.9	72.8	34.0	38.8	48.2	7.1	324	73.5	11.7



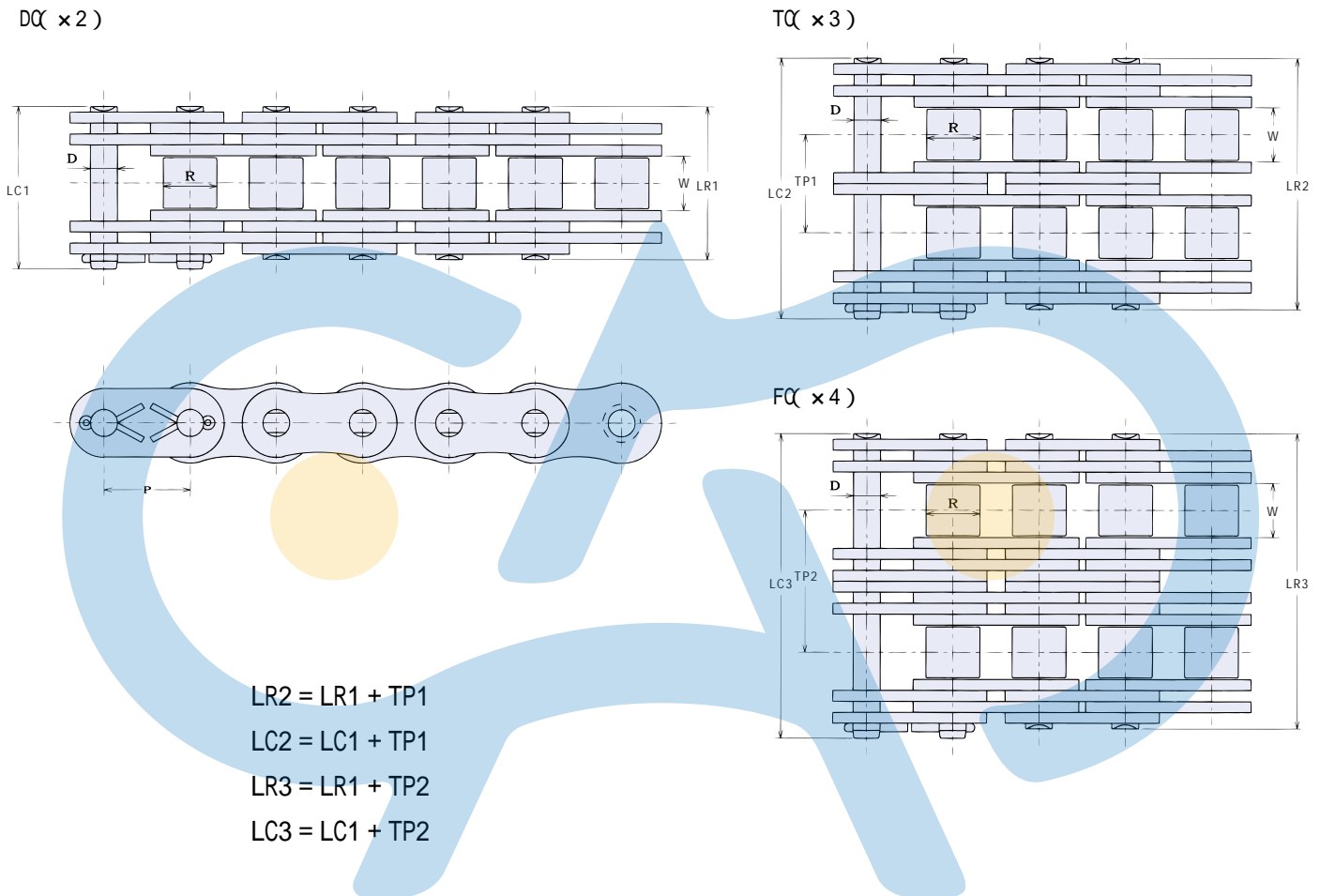
MULTIPLE STRANDS

SY Chain No.	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	T	TP	kN	kN	kg/m	
SUPER80-2	25.40	15.88	15.88	7.93	62.0	64.9	31.0	33.9	24.1	3.2	29.3	169	31.6	5.63
SUPER80-3					91.3	94.2	45.7	48.5				253	46.5	8.41
SUPER80-4					120.6	123.5	60.3	63.2				337	61.4	11.18
SUPER100-2	31.75	19.05	19.05	9.53	75.4	79.0	37.7	41.3	30.1	4.0	35.8	254	51.7	8.38
SUPER100-3					111.2	114.8	55.6	59.2				381	76.0	12.57
SUPER100-4					147.0	150.6	73.5	77.1				508	100	16.77
SUPER120-2	38.10	25.40	22.23	11.10	95.4	99.4	47.7	51.7	36.2	4.8	45.4	372	66.6	12.44
SUPER120-3					140.8	144.8	70.4	74.4				558	98.0	18.65
SUPER120-4					186.2	190.2	93.1	97.1				744	129	24.85
SUPER140-2	44.45	25.40	25.40	12.70	103.3	107.6	51.7	55.9	42.2	5.6	48.9	490	91.6	15.92
SUPER140-3					152.2	156.5	76.1	80.4				735	135	23.84
SUPER140-4					201.1	205.4	100.6	104.8				980	178	30.72
SUPER160-2	50.80	31.75	28.58	14.28	123.2	127.8	61.6	66.2	48.2	6.4	58.5	628	120	21.44
SUPER160-3					181.7	186.3	90.9	95.4				942	177	32.10
SUPER160-4					240.2	244.8	120.1	124.7				1256	233	42.84
SUPER200-2	63.50	38.10	39.67	19.83	150.6	158.2	75.3	82.9	60.3	8.0	71.6	980	160	34.91
SUPER200-3					222.2	229.8	111.1	118.7				1470	235	52.44
SUPER200-4					293.8	301.4	146.9	154.5				1960	311	69.74
SUPER240-2	76.20	47.63	47.63	23.78	184.2	191.2	92.1	99.1	72.4	9.5	87.8	1452	224	50.88
SUPER240-3					272.0	279.0	136.0	143.0				2178	330	76.12
SUPER240-4					359.8	366.8	179.9	186.9				2904	436	101.40
SUPER 80H-2	25.40	15.88	15.88	7.93	68.6	71.6	34.3	37.3	24.1	4.0	32.6	196.2	35.02	6.67
SUPER 80H-3					101.2	104.2	50.6	53.6				294.3	51.5	9.96
SUPER100H-2	31.75	19.05	19.05	9.53	81.6	85.4	40.8	44.6	30.1	4.8	39.1	290	55.08	9.6
SUPER100H-3					120.7	124.5	60.4	64.1				435	81.0	14.4
SUPER120H-2	38.10	25.40	22.23	11.10	102.0	106.4	51.0	55.4	36.2	5.6	48.9	392	71.74	13.71
SUPER120H-3					150.9	155.4	75.5	79.9				588	105.5	20.55
SUPER140H-2	44.45	25.40	25.40	12.70	109.6	114.2	54.8	59.4	42.2	6.4	52.2	510	96.73	17.56
SUPRR140H-3					161.8	166.5	80.9	85.6				765	142.25	26.3
SUPER160H-2	50.80	31.75	28.58	14.28	130.	134.8	65.	69.8	48.2	7.1	61.9	648	124.95	23.15
SUPER160H-3					192.	196.8	96.	100.8				972	183.75	34.67

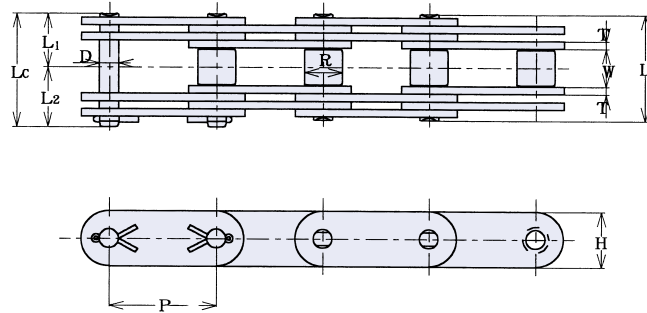
Double Capacity Chains

Double Capacity chain consists of twice the amount of side plates as single strand chain, and its working load is close to standard double strand chain. Double Capacity Chain runs on standard single roller chain sprocket, however, multiple strand chains require special sprocket. Chain speed should be less than 50 m/min.

ROLLER CHAINS



SY Chain No.	Dimensions - mm								Average Ultimate Strength (kN)			Maximum Allowable Load (kN)
	Pitch	Roller		Pin		Transverse Pitch		DC	TC	FC		
		Width	Dia.	Dia.	Length	TP1	TP2					
		P	W	R	D	LR1	LC1					
16BDC • TC • FC	25.40	17.02	15.88	8.26	50.0	53.2	31.9	44.7	130	195	260	19.5
20BDC • TC • FC	31.75	19.56	19.05	10.16	56.0	60.4	36.5	50.5	201	301	402	30.2
24BDC • TC • FC	38.10	25.40	25.40	14.63	75.4	80.5	48.4	68.0	340	510	680	51.2
28BDC • TC • FC	44.45	31.00	27.94	15.88	93.0	98.8	59.6	84.8	424	636	848	63.8
32BDC • TC • FC	50.80	31.00	29.21	17.81	92.4	98.5	58.6	83.8	520	780	1040	78.4
80DC • TC • FC	25.40	15.88	15.88	7.93	45.6	48.7	29.3	42.1	149	223	298	22.4
100DC • TC • FC	31.75	19.05	19.05	9.53	55.8	59.5	35.8	51.8	224	336	448	33.5
120DC • TC • FC	38.10	25.40	22.23	11.10	69.0	73.3	45.4	64.2	317	475	634	49.0
140DC • TC • FC	44.45	25.40	25.40	12.70	76.4	81.1	48.9	71.3	410	615	820	64.4
160DC • TC • FC	50.80	31.75	28.58	14.28	90.0	95.1	58.5	84.1	522	783	1044	79.8
180DC • TC • FC	57.15	35.70	35.70	17.45	101.6	107.7	65.8	94.6	670	1009	1340	103.0
200DC • TC • FC	63.50	38.10	39.67	19.83	111.2	120.0	71.6	103.6	857	1285	1714	133.0
240DC • TC • FC	76.20	44.45	44.45	23.75	131.6	144.8	87.7	124.8	1099	1659	2572	193.0

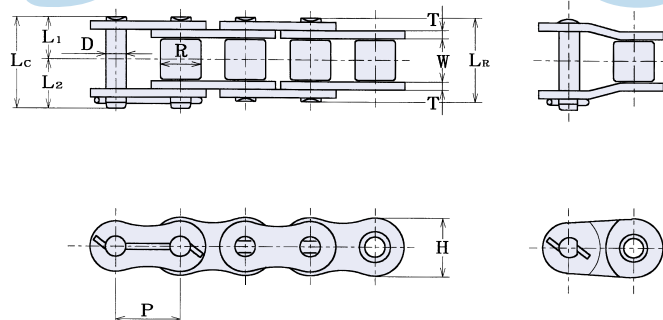


DOUBLE PITCH TYPE

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin					Plate				
		Width	Dia.	Dia.	Length			Height	Thick.				
	P	W	R	D	L _R	L _C	L ₁	L ₂	H	T			
2040 DC	25.40	7.95	7.92	3.96	23.0	24.7	11.5	13.2	11.4	1.5	38.2	4.02	0.50
2050 DC	31.75	9.53	10.16	5.08	28.8	30.5	14.4	16.1	15.0	2.0	63.8	6.72	0.85
2060H DC	38.10	12.70	11.91	5.95	42.2	44.2	21.1	23.1	17.0	3.2	109.8	11.56	1.46
2080H DC	50.80	15.88	15.88	7.93	52.0	55.1	26.0	29.1	22.6	4.0	180.4	18.99	2.50
2100H DC	63.50	19.05	19.05	9.53	62.0	65.6	31.0	34.6	28.6	4.8	274.0	28.84	3.81
2120H DC	76.20	25.40	22.23	11.10	77.8	82.1	38.9	43.2	34.9	5.6	372.0	39.16	5.50
2160H DC	101.60	31.75	28.58	14.28	97.4	102.6	48.7	53.9	47.6	7.2	612.0	64.42	9.27

S-Series Roller Chains

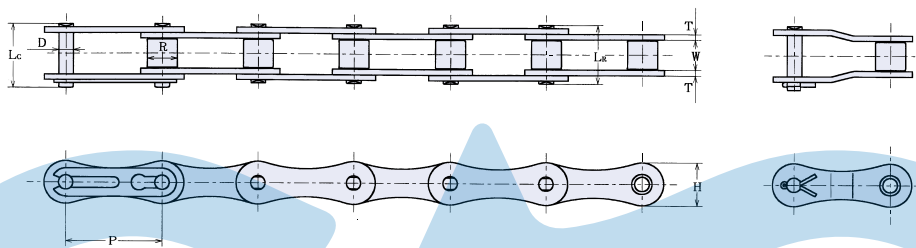
S-series roller chains are designed to meet the requirements of greater breaking strength and maximum endurance. The thickness of link plates of S-series is the same as that of the next larger sizes of corresponding pitch chain. The through hardened pin with larger diameter than standard provides a greater shock load resistance. S-Series Roller chain runs on standard sprockets.



SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin					Plate				
		Width	Dia.	Dia.	Length			Height	Thick.				
	P	W	R	D	L _R	L _C	L ₁	L ₂	H	T			
SY 251S	50.80	31.75	28.58	15.88	67.9	73.2	34.0	39.2	46.7	7.2	333	58.8	11.31
SY 264S	63.50	38.10	39.67	22.22	85.8	94.5	42.9	51.6	59.8	9.5	556	81.4	19.27

Double Pitch Roller Chains (Drive Series - Transmission series)

SY Double Pitch roller chain is similar to SY standard roller chain, except the pitch is twice that of standard roller chain. These chains weigh less and are lower in cost than standard roller chain of the same strength. They are ideal for slow and moderate speed applications, particularly when shaft centers are relatively long.



DRIVE SERIES

SY Chain No. (ANSI)	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length		Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	kN	kN	kg/m	
A2040	25.40	7.95	7.92	3.96	16.5	17.9	8.3	9.6	11.4	1.5	16.9	3.63	0.43
A2050	31.75	9.53	10.16	5.08	20.4	22.0	10.2	11.8	15.0	2.0	27.5	6.28	0.73
A2060	38.10	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.0	2.4	40.2	8.63	1.03
A2080	50.80	15.88	15.88	7.93	32.8	35.2	16.4	18.8	22.6	3.2	68.6	14.7	1.71



AQUA-Proof Roller Chains (AP-Series)

Feature

SY's Aqua-Proof roller chains are the perfect choice where corrosion resistance and high strength are needed. AP-Series chains are treated with a special rust preventative dual coating and its corrosion resistance is far superior to nickel or zinc plated chains. No hydrogen embrittlement failures and same strength as Silver SBR steel roller chain

Results of corrosion resistant tests

Salt spray test

CHAINS	Initial rust observed(hours)
AP-Series	1000 (no rust)
Glossy chromating	72 - 96
Colored chromating	120 - 240
Molten zinc plating	120 - 240

Saturated salt water Immersion Test

CHAINS	Initial rust observed(hours)
Nickel plated	48
AP-Series	600 - 840
304 Stainless Steel	After 840 hours - No rust

Applications

- Wash-down applications
- Outdoor service
- Farm equipment
- Paper mills
- Mining Industries

Applicable Chains

- #40 - #240
- Attachment chain is available.

Purpose of Special surface treatment

- Linkplate : for anticorrosion
- Other parts : for anticorrosion and to reduce friction

Caution

AQUA-Proof Roller Chains should not be used in applications where chain may come in contact with food. SY always recommends using stainless steel when contact with food is possible.

Applicable Chains

- SY40AP - SY240AP
- Attachment chain is available.
- For identification, a suffix is added to the chain numbers.

Note: SY's Aqua-Proof (AP) Roller chains with full line of attachments are available.

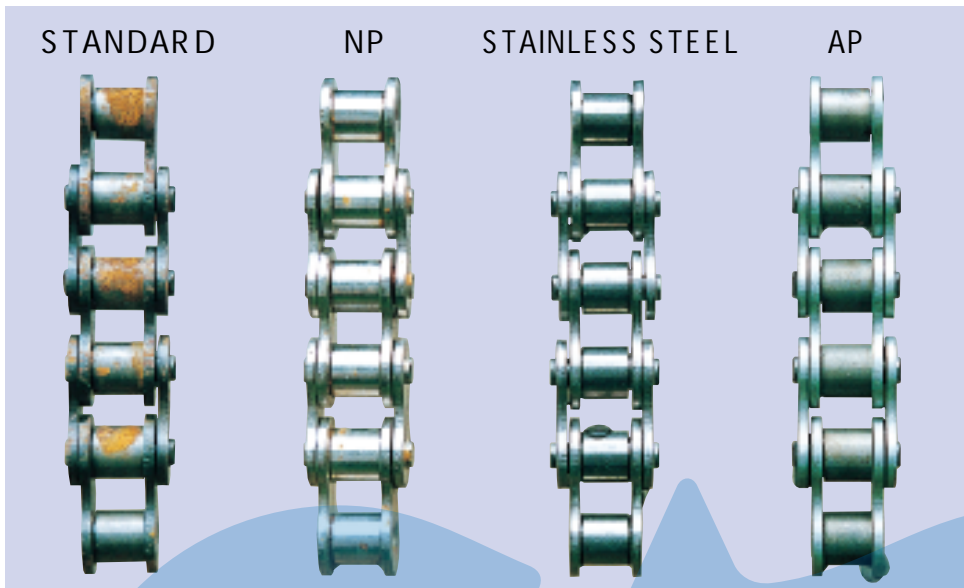
THE ULTIMATE ROLLER CHAIN **LONG LIFE SERIES**

SBR

AQUA-PROOF
ROLLER CHAIN

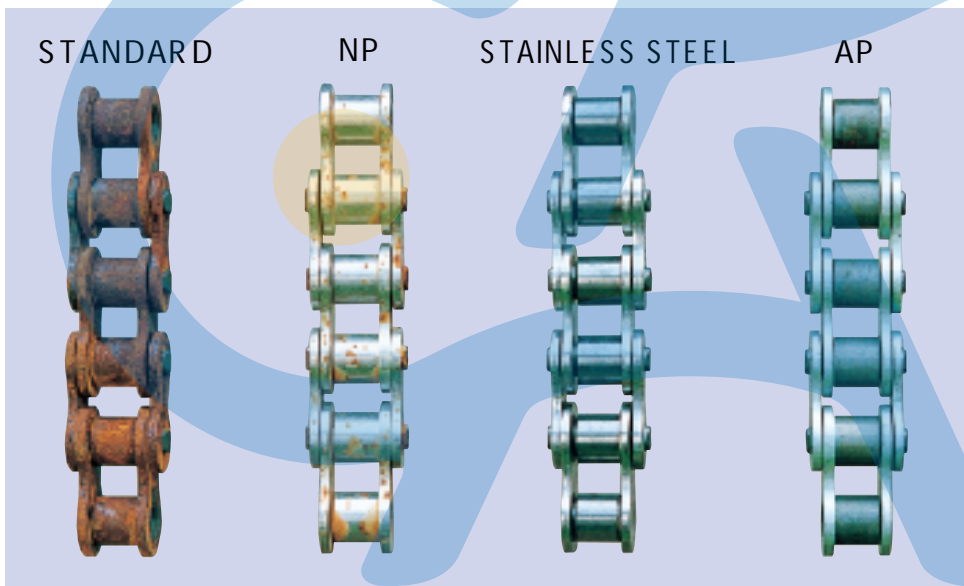
BS STANDARD ROLLER CHAINS
ANSI STANDARD ROLLER CHAINS
HEAVY-SERIES ROLLER CHAINS
S-SERIES ROLLER CHAINS
SUPER ROLLER CHAINS
OIL-FIELD CHAINS
ROLLERLESS CHAINS
STRAIGHT SIDEBAR CHAINS
DOUBLE PITCH ROLLER CHAINS etc.

Water/Salt Water Corrosion Resistance Test



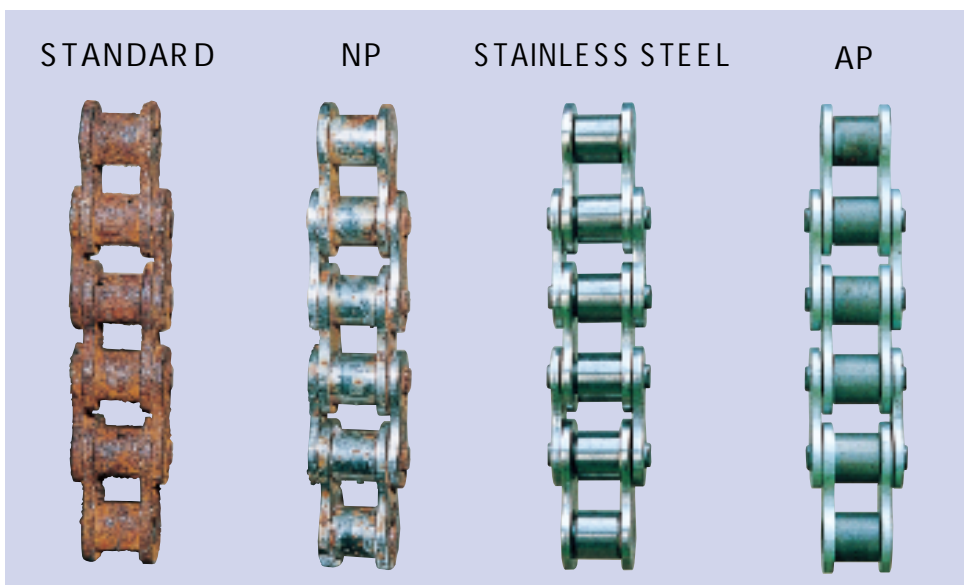
Test results after 3 days chains left outdoors water-sprayed once in the morning and evening

3days after



Test results after 15 days chains left outdoors water-sprayed once in the morning and evening

15days after

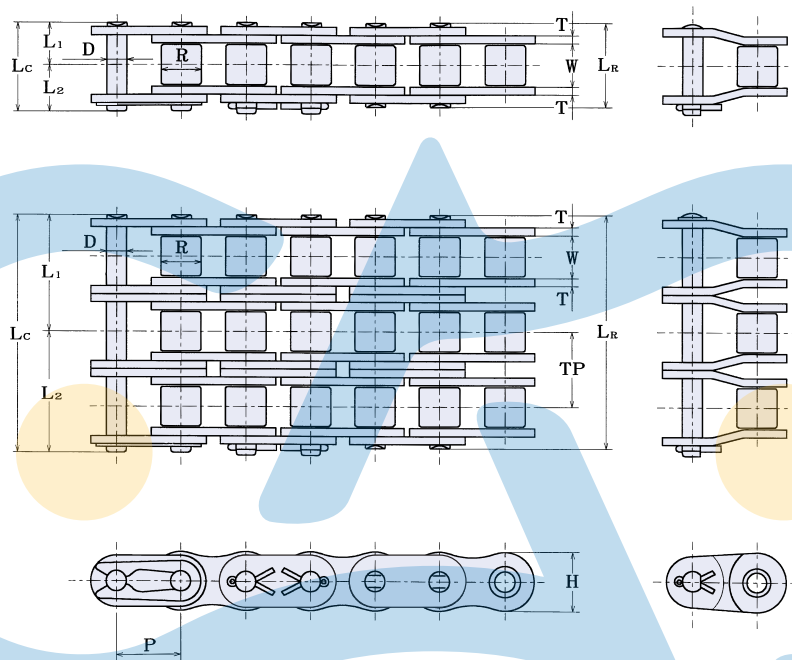


Test results after 15 days chains left indoors 5% salt solution sprayed once in the morning and evening

15days after

Nickel-Plated BS Chains

Ideal for outdoor operations and in situations where machinery and equipment must be run in a lightly corrosive atmosphere or where good chain appearance may be desired. All components are plated before assembly to ensure complete protection of all parts.



NP BS STANDARD

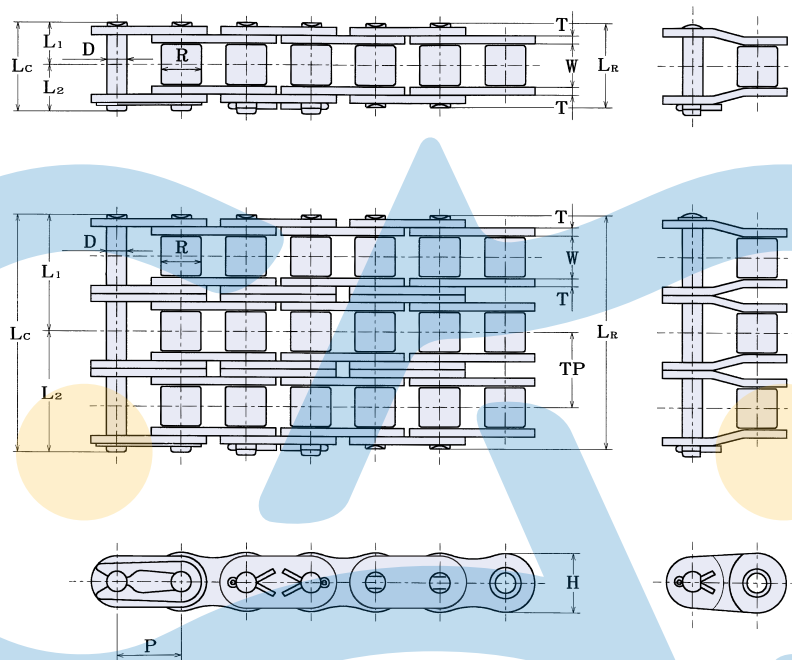
SY Chain No.	Dimensions - mm												Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length			Height	Thickness						
P	W	R	D	LR	LC	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
06B-NP	9.525	5.72	6.35	3.28	12.6	13.4	6.3	7.1	8.2	1.0	1.25	10.24	8.92	1.77	0.43
08B-NP	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	1.5	13.92	17.8	3.14	0.61
10B-NP	15.875	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65	1.65	16.59	22.2	4.90	0.89
12B-NP	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8	1.8	19.46	28.9	7.06	1.14
16B-NP	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.5	20.6	3.2	4.0	31.88	60	12.6	2.59
20B-NP	31.75	19.56	19.05	10.16	40.2	44.0	20.1	23.9	26.4	3.5	4.5	36.45	95	19.6	3.76
06B-NP-2	9.525	5.72	6.35	3.28	22.9	23.7	11.5	12.2	8.2	1.0	1.25	10.24	16.9	3.00	0.81
08B-NP-2	12.70	7.75	8.51	4.45	30.6	31.9	15.3	16.6	11.8	1.5	1.5	13.92	31.1	5.35	1.26
10B-NP-2	15.875	9.65	10.16	5.08	35.6	37.3	17.8	19.5	14.7	1.65	1.65	16.59	44.5	8.33	1.79
12B-NP-2	19.05	11.68	12.07	5.72	41.6	43.1	20.8	22.3	16.1	1.8	1.8	19.46	57.8	12.0	2.28
16B-NP-2	25.40	17.02	15.88	8.26	67.2	70.1	33.6	36.5	20.6	3.2	4.0	31.88	106	21.4	5.13
20B-NP-2	31.75	19.56	19.05	10.16	76.8	80.6	38.4	42.2	26.4	3.5	4.5	36.45	170	33.3	7.26

Refer to page 80. " Selection of offset link "

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

Nickel-Plated ANSI Chains

SY Nickel-Plated chains are manufactured with solid rollers and solid bushings to extend chain service life. Ideal for outdoor operations and in situations where machinery and equipment must be run in a lightly corrosive atmosphere or where good chain appearance may be desired. All components are plated before assembly to ensure complete protection of all parts.



RUSTLESS CHAINS

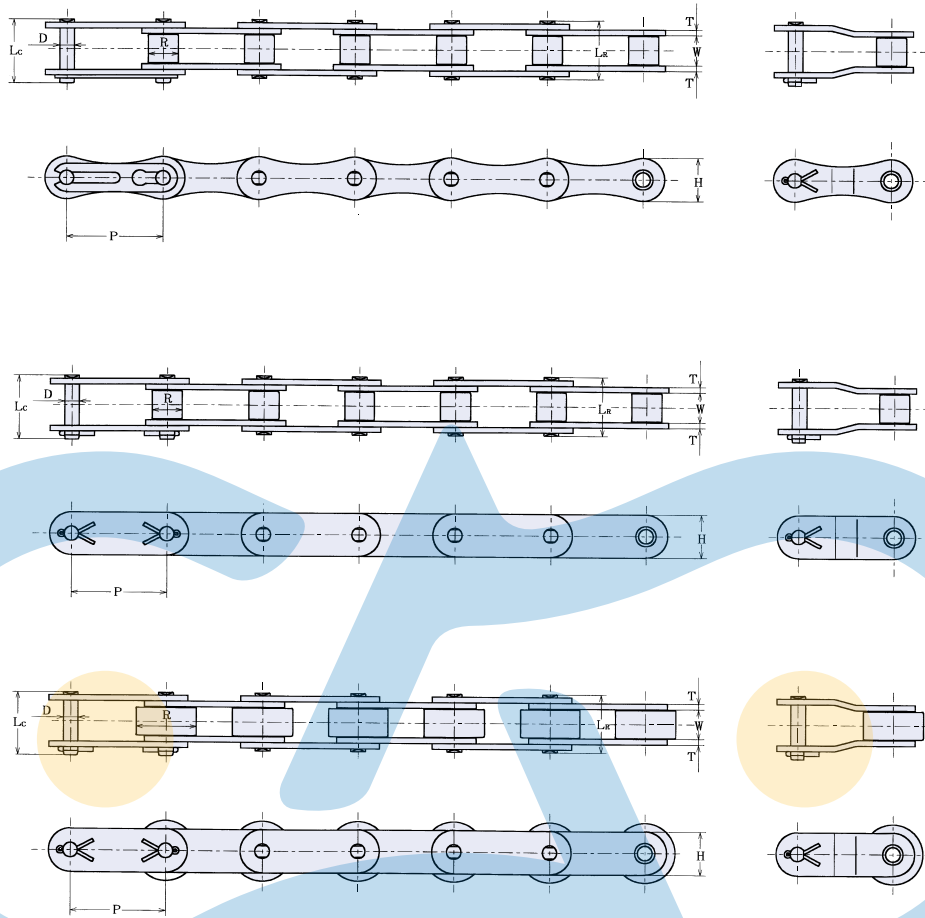
NP ANSI STANDARD

SY Chain No.	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						
SY 35NP	9.525	4.78	*5.08	3.58	12.0	12.9	6.0	6.9	9.0	1.25		10.8	1.86	0.34
SY 40NP	12.70	7.95	7.92	3.96	16.5	17.7	8.3	9.4	11.7	1.5		19.1	3.04	0.60
SY 50NP	15.875	9.53	10.16	5.08	20.4	21.9	10.2	11.7	14.6	2.0		31.9	5.39	0.98
SY 60NP	19.05	12.70	11.91	5.95	25.5	26.9	12.8	14.1	17.5	2.4		43.1	7.26	1.46
SY 80NP	25.40	15.88	15.88	7.93	32.8	35.5	16.4	19.1	23.4	3.2		78.5	12.7	2.52
SY100NP	31.75	19.05	19.05	9.53	39.4	43.0	19.7	23.3	29.3	4.0		118	19.1	3.91
SY 35NP-2	9.525	4.78	*5.08	3.58	22.1	23.0	11.1	11.9	9.0	1.25	10.1	21.6	3.16	1.63
SY 40NP-2	12.70	7.95	7.92	3.96	30.8	32.2	15.4	16.8	11.7	1.5	14.4	38.2	5.17	1.22
SY 50NP-2	15.875	9.53	10.16	5.08	38.4	40.0	19.2	20.8	14.6	2.0	18.1	63.8	9.06	2.00
SY 60NP-2	19.05	12.70	11.91	5.95	48.2	49.7	24.0	25.7	17.5	2.4	22.8	86.2	12.3	2.95
SY 80NP-2	25.40	15.88	15.88	7.93	61.6	64.5	30.8	33.7	23.4	3.2	29.3	157	21.6	5.10
SY100NP-2	31.75	19.05	19.05	9.53	75.1	78.8	37.6	41.2	29.3	4.0	35.8	236	32.5	7.74

*Chain is rollerless ;R shows bushing dia.

Refer to page 90 - Selection of offset link
www.adeptrans.es +34 916 946 486 • info@adeptrans.es

Nickel-Plated Double Pitch Chains

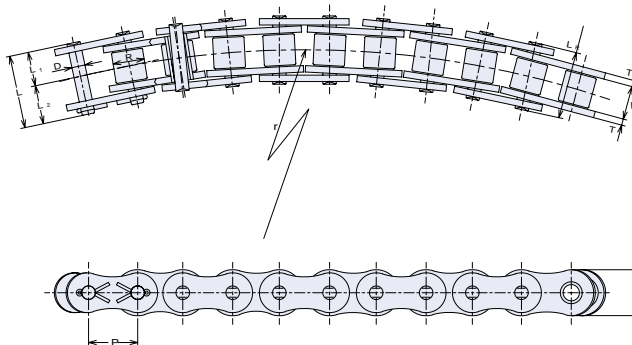


NP DOUBLE PITCH

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
		P	W	R	D	L _R	L _C	L ₁	L ₂	H			
A2040-NP	25.40	7.95	7.92	3.96	16.4	18.5	8.2	10.3	11.4	1.5	16.9	2.65	0.43
A2050-NP	31.75	9.53	10.16	5.08	20.3	22.0	10.2	11.8	15.0	2.0	27.5	4.31	0.73
A2060-NP	38.10	12.70	11.91	5.95	25.4	27.5	12.7	14.8	17.0	2.4	40.2	6.23	1.03
A2080-NP	50.80	15.88	15.88	7.93	32.4	35.5	16.4	19.1	22.6	3.2	68.6	10.7	1.71
C2040-NP	25.40	7.95	7.92	3.96	16.4	18.5	8.2	10.3	11.4	1.5	16.9	2.65	0.48
C2050-NP	31.75	9.53	10.16	5.08	20.3	22.0	10.2	11.8	15.0	2.0	27.5	4.31	0.82
C2060H-NP	38.10	12.70	11.91	5.95	28.7	31.0	14.4	16.6	17.0	3.2	40.2	8.29	1.38
C2080H-NP	50.80	15.88	15.88	7.93	35.5	38.8	17.8	21.0	22.6	4.0	68.6	15.2	2.32
C2100H-NP	63.50	19.05	19.05	9.53	42.2	45.7	21.1	24.6	28.6	4.8	107.9	23.0	3.46
C2042-NP	25.40	7.95	15.88	3.96	16.4	18.5	8.2	10.3	11.4	1.5	16.9	2.65	0.82
C2052-NP	31.75	9.53	19.05	5.08	20.3	22.0	10.2	11.8	15.9	2.0	27.5	4.31	1.26
C2062H-NP	38.10	12.70	22.23	5.95	28.7	31.0	14.4	16.6	17.0	3.2	40.2	8.29	2.08
C2082H-NP	50.80	15.88	28.58	7.93	35.5	38.8	17.8	21.0	22.6	4.0	68.6	15.2	3.36
C2102H-NP	63.50	19.05	39.67	9.53	42.2	45.7	21.1	24.6	28.6	4.8	107.9	23.0	5.64

Side Bow Chains

SY Side Bow chains provide extra clearance between pins, bushings, and link plates to allow freedom of operation around a curve or twist. The Suffix SB is added to the chain number for identification.



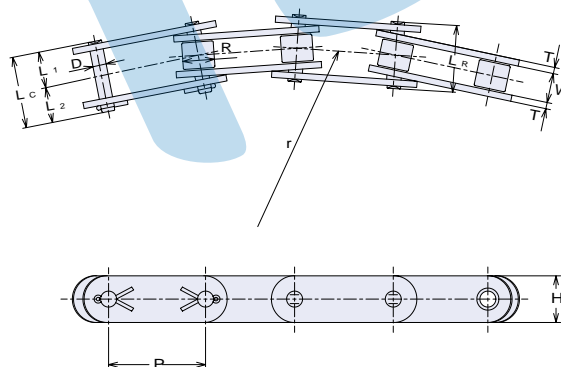
SB STANDARD

SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Min. Curve Radius r				
		Width W	Dia. R	Out Dia. D	Length LR, LC		Height H	Thick. T						
SY 40-SB	12.70	7.95	7.92	3.58	16.9	18.9	8.5	10.4	11.7	1.5	350	14.9	1.77	0.63
SY 50-SB	15.875	9.53	10.16	4.45	21.1	23.1	10.6	12.5	14.6	2.0	400	22.1	3.14	1.03
SY 60-SB	19.05	12.70	11.91	5.08	26.3	28.1	13.2	14.9	17.5	2.4	500	29.4	4.22	1.46
SY 80-SB	25.40	15.88	15.88	7.13	33.4	36.4	16.7	19.7	23.4	3.2	600	57.9	7.65	2.42

Stainless steel, nickel plated, and with attachments are supplied on request.

Side Bow Double Pitch Chains

SY Double Pitch Side Bow chains are manufactured to the same high standards as our regular side bow chains but are better suited when shaft centers are relatively long. Available in standard roller or carrier roller type.

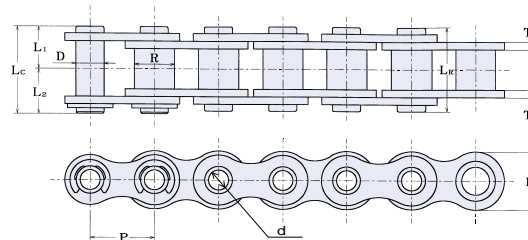


SB DOUBLE PITCH

SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Min. Curve Radius r				
		Width W	Dia. R	Out Dia. D	Length LR, LC		Height H	Thick. T						
C2040-SB	25.40	7.95	7.92	3.58	16.9	18.9	8.5	10.4	11.4	1.5	700	14.9	1.77	0.48
C2050-SB	31.75	9.53	10.16	4.45	21.1	23.1	10.6	12.5	15.0	2.0	800	22.1	3.14	0.82
C2060-SB	38.10	12.70	11.91	5.08	26.3	28.1	13.2	14.9	17.0	2.4	1000	29.4	4.22	1.20
C2042-SB	25.40	7.95	15.88	3.58	16.9	18.9	8.5	10.4	11.4	1.5	700	14.9	1.77	0.82
C2052-SB	31.75	9.53	19.05	4.45	21.1	23.1	10.6	12.5	15.0	2.0	800	22.1	3.14	1.26
C2062-SB	38.10	12.70	22.23	5.08	26.3	28.1	13.2	14.9	17.0	2.4	1000	29.4	4.22	2.01

Hollow Pin Chains

SY Hollow Pin chains are constructed with cold-forged solid bushings. This process assures the inside diameter of the bushing is completely cylindrical all the way through. This unique hollow pin feature allows easy insertion of cross rods without damaging the chain or rods. Hollow Pin chain operates on standard sprockets. Add HP suffix to chain number for identification.



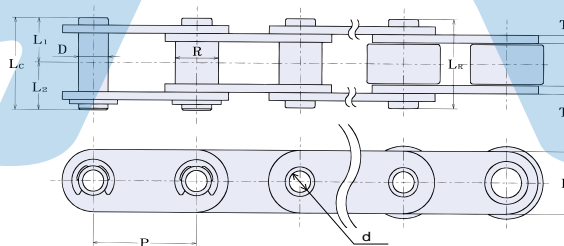
HP STANDARD

SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Hollow Pin						Plate				
		Width W	Dia. R	Outside D	Inside d	Length				Height H	Thick. T			
SY40-HP	12.70	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.58
SY50-HP	15.875	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	19.6	3.14	0.97
SY60-HP	19.05	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.46
SY80-HP	25.40	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	2.47

HP standard are rollerless; R given above shows bushing dia.

Double Pitch Hollow Pin Chains

Double Pitch Hollow Pin chain operates on standard double pitch sprockets.



HP DOUBLE PITCH

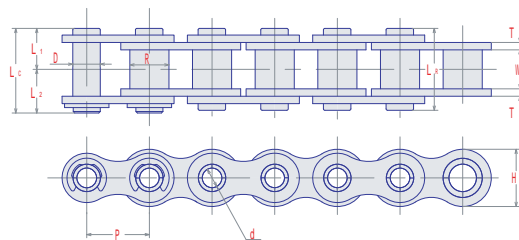
SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Hollow Pin						Plate				
		Width W	Dia. R	Outside D	Inside d	Length				Height H	Thick. T			
C2040-HP	25.40	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.46
C2050-HP	31.75	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	19.6	3.14	0.76
C2060-HP	38.10	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.12
C2080-HP	50.80	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	1.98
C2042-HP	25.40	7.95	15.88	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.81
C2052-HP	31.75	9.53	19.05	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	19.6	3.14	1.25
C2062-HP	38.10	12.70	22.23	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.79
C2082-HP	50.80	15.88	28.58	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	3.17
C2082H-HP	50.80	15.88	28.58	11.34	8.08	35.8	37.7	17.9	19.8	24.1	4.0	58.0	7.65	3.22

SY Chains C2040-HP thru C2080-HP are rollerless; R given above shows bushing dia.

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

HOLLOW PIN CHAINS

Stainless Hollow Pin Chains

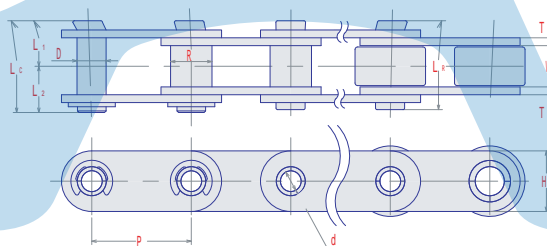


HP-SS STANDARD

SY Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin						Plate				
		Width	Dia.	Outside	Inside	Length				Height	Thick.			
P	W	R	D	d	LR	Lc	L1	L2	H	T	kN	kN	kg/m	
40HP-SS	12.70	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	7.65	0.44	0.58
50HP-SS	15.875	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	11.8	0.69	0.97
60HP-SS	19.05	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	17.1	1.03	1.46
80HP-SS	25.40	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	31.0	1.77	2.47

HP standard are rollerless; R given above shows bushing dia.

Double Pitch Stainless Hollow Pin Chains



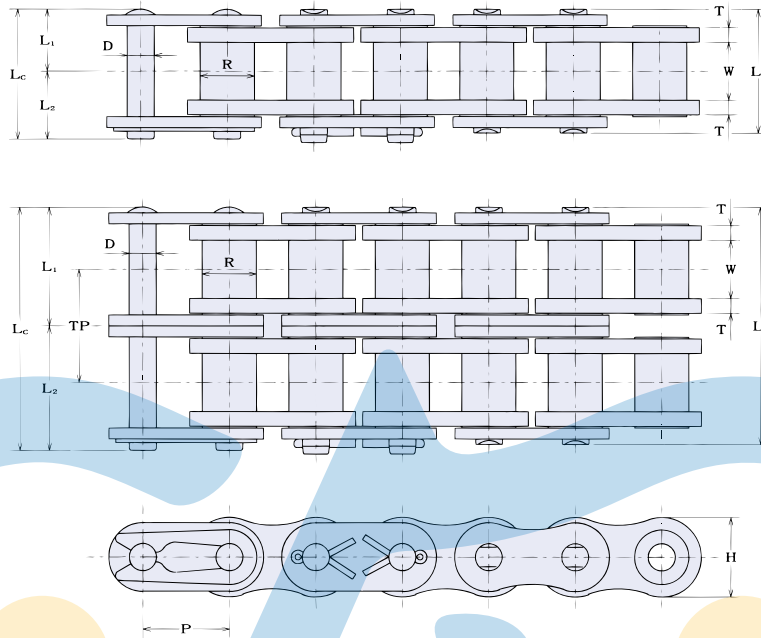
HP-SS DOUBLE PITCH

SY Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin						Plate				
		Width	Dia.	Outside	Inside	Length				Height	Thick.			
P	W	R	D	d	LR	Lc	L1	L2	H	T	kN	kN	kg/m	
C2040HP-SS	25.40	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	7.65	0.44	0.46
C2050HP-SS	31.75	9.53	10.16	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	11.8	0.69	0.76
C2060HP-SS	38.10	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	17.1	1.03	1.12
C2080HP-SS	50.80	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	31.0	1.77	1.98
C2042HP-SS	25.40	7.95	15.88	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	7.65	0.44	0.81
C2052HP-SS	31.75	9.53	19.05	7.09	5.13	20.1	21.3	10.1	11.2	15.0	2.0	11.8	0.69	1.25
C2062HP-SS	38.10	12.70	22.23	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	17.1	1.03	1.79
C2082HP-SS	50.80	15.88	28.58	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	31.0	1.77	3.17
C2082H-HP-SS	50.80	15.88	28.58	11.34	8.08	35.8	37.7	17.9	19.8	24.1	4.0	31.0	1.77	3.22

SY Chains C2040-HP thru C2080-HP are rollerless; R given above shows bushing dia.

www.adeptrans.es · +34 916 946 486 · info@adeptrans.es

Sintered Steel Bushing SL ANSI Standard Roller Chains



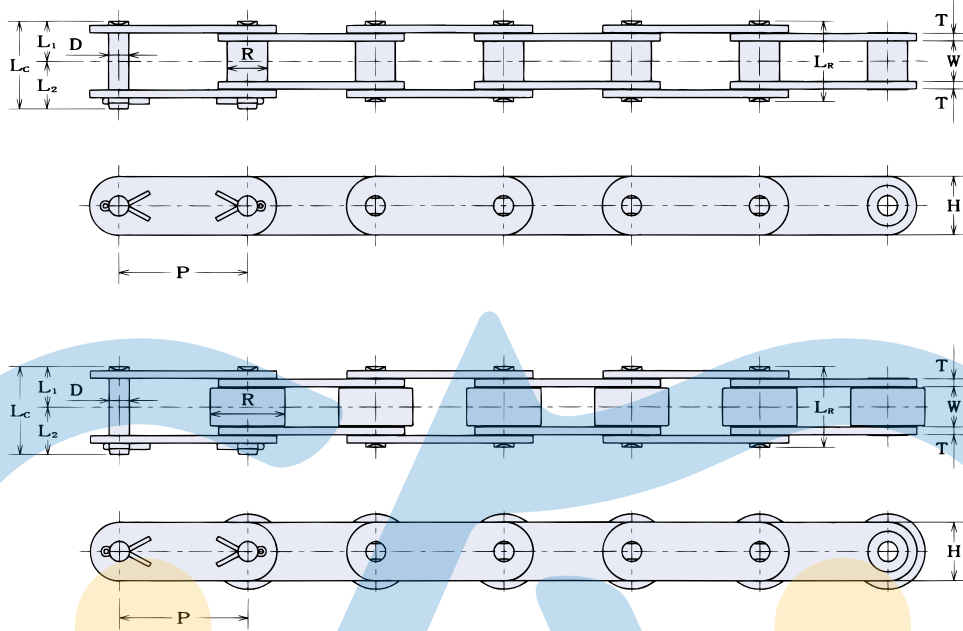
SINGLE STRANDS

SY Chain No.	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			
SY40-SL	12.70	7.7	7.92	3.96	16.5	17.9	8.3	9.6	12.0	1.5		12.7	2.94	0.63
SY50-SL	15.875	9.4	10.16	5.08	20.4	22.0	10.2	11.8	15.1	2.0		19.6	4.90	1.03
SY60-SL	19.05	12.5	11.91	5.95	25.5	26.9	12.8	14.1	18.2	2.4		28.4	6.86	1.46
SY80-SL	25.40	15.8	15.88	7.93	32.8	35.5	16.4	18.6	24.1	3.2		51.0	11.8	2.60
SY100-SL	31.75	19.0	19.05	9.53	39.4	43.0	19.7	23.3	30.2	4.0		82.4	17.7	3.79
SY120-SL	38.10	25.4	22.23	11.10	49.5	53.4	24.8	28.6	36.2	4.8		118.0	25.5	5.58
SY140-SL	44.45	25.4	25.40	12.70	54.0	58.3	27.0	31.3	42.2	5.6		162.0	34.3	7.59
SY160-SL	50.80	31.8	28.58	14.28	64.3	68.7	32.2	36.5	48.3	6.4		211.0	44.1	9.82

MULTIPLE STRANDS

SY Chain No.	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			
SY40-SL-2	12.70	7.7	7.92	3.96	30.8	32.2	15.4	16.8	12.0	1.5	14.4	25.4	5.0	1.3
SY50-SL-2	15.875	9.4	10.16	5.08	38.4	40.0	19.2	20.8	15.1	2.0	18.1	39.2	8.3	2.1
SY60-SL-2	19.05	12.5	11.91	5.95	48.2	49.7	24.0	25.7	18.2	2.4	22.8	56.8	11.6	3.0
SY80-SL-2	25.40	15.8	15.88	7.93	61.6	64.5	30.8	33.7	24.1	3.2	29.3	102.0	20.0	5.2
SY100-SL-2	31.75	19.0	19.05	9.53	75.1	78.8	37.6	41.2	30.2	4.0	35.8	164.8	30.0	7.9
SY120-SL-2	38.10	25.4	22.23	11.10	94.9	98.8	47.5	51.3	36.2	4.8	45.4	236.0	43.3	11.5
SY140-SL-2	44.45	25.4	25.40	12.70	102.9	107.2	51.5	55.7	42.2	5.6	48.9	324.0	58.3	14.7
SY160-SL-2	50.80	31.8	28.58	14.28	122.8	127.2	61.4	65.6	48.3	6.4	58.5	422.0	75.0	19.5

Sintered Steel Bushing SL Double Pitch Roller Chains



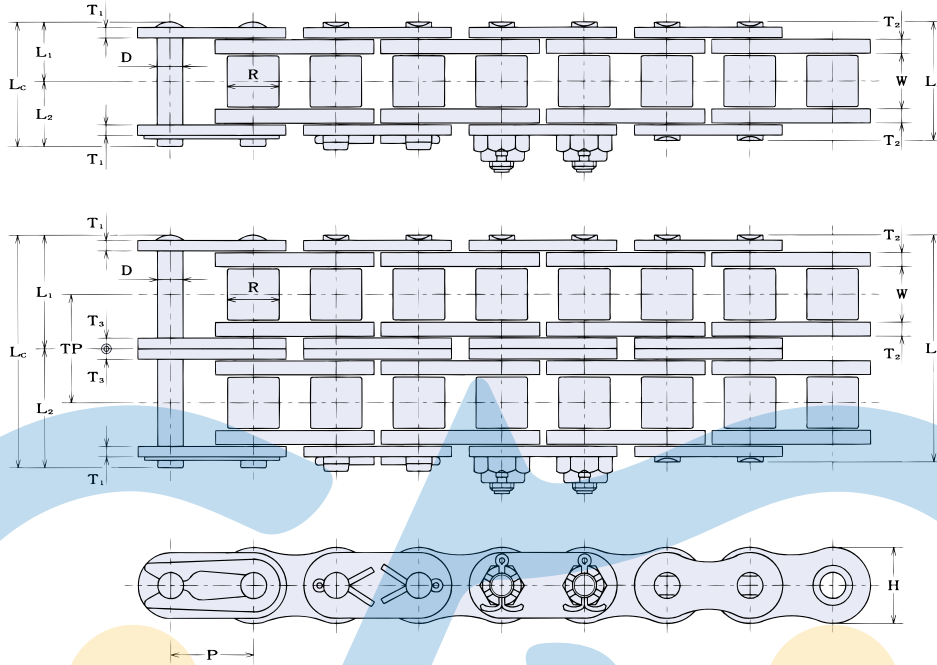
CONVEYOR SERIES (ROLLERLESS-BUSHED TYPE)

SY Chain No.	Dimensions - mm										Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate					
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T					
				LR	LC	L1	L2						
C2040-SL	25.40	7.95	7.92	3.96	16.5	17.9	8.3	9.6	12.0	1.5	12.7	2.94	0.48
C2050-SL	31.75	9.53	10.16	5.08	20.4	22.0	10.2	11.8	15.0	2.0	19.6	4.90	0.82
C2060-SL	38.10	12.70	11.91	5.95	25.5	26.9	12.8	14.1	18.1	2.4	28.4	6.86	1.20
C2080-SL	50.80	15.88	15.88	7.93	32.8	35.0	16.4	18.6	24.1	3.2	51.0	11.8	1.99

CONVEYOR SERIES (CARRIER ROLLER TYPE)

SY Chain No.	Dimensions - mm										Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate					
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T					
				LR	LC	L1	L2						
C2042-SL	25.40	7.95	15.88	3.96	16.5	17.9	8.3	9.6	12.0	1.5	12.7	2.94	0.82
C2052-SL	31.75	9.53	19.05	5.08	20.4	22.0	10.2	11.8	15.0	2.0	19.6	4.90	1.26
C2062-SL	38.10	12.70	22.23	5.95	25.5	26.9	12.8	14.1	18.1	2.4	28.4	6.86	1.78
C2082-SL	50.80	15.88	28.58	7.93	32.8	35.0	16.4	18.6	24.1	3.2	51.0	11.8	3.03

Sintered Steel Bushing SLR BS Standard Roller Chains



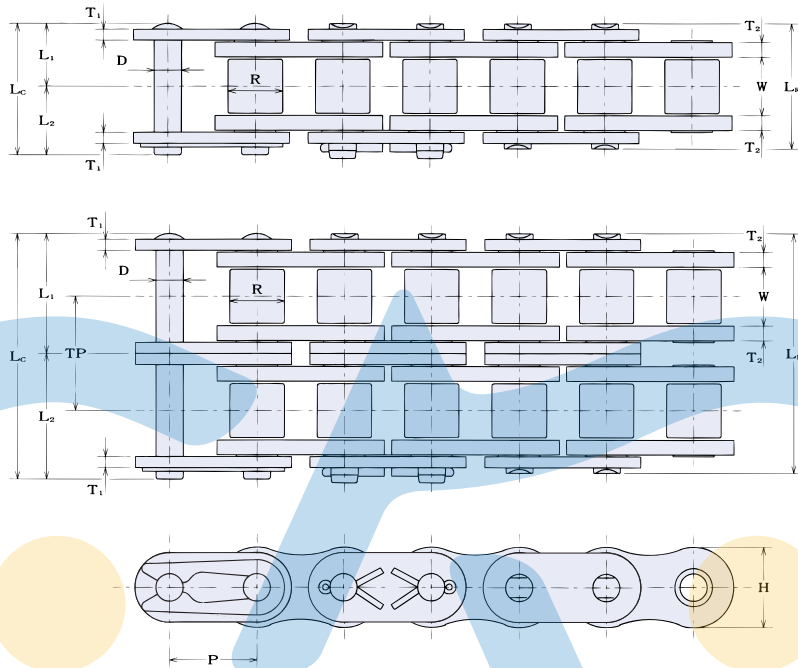
SINGLE STRANDS

SY Chain No.	Dimensions - mm													Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate			Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness								
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	T3	TP	kN	kN	kg/m	
08B-SLR	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	1.5			16.8	2.9	0.6
10B-SLR	15.875	9.65	10.16	5.08	19.4	20.7	9.7	11.0	14.5	1.65	1.65			24.6	4.4	0.9
12B-SLR	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	17.4	1.8	1.8			32.4	6.3	1.1
16B-SLR	25.40	17.02	15.87	8.26	35.2	38.2	17.6	20.6	21.0	3.1	3.9			74.6	12.2	2.6
20B-SLR	31.75	19.56	19.05	10.16	41.0	44.0	20.5	23.5	29.3	3.5	4.7			128.3	19.1	3.8
24B-SLR	38.10	25.40	25.40	14.63	53.4	58.1	26.7	31.4	35.1	5.0	5.9			195.6	25.5	7.3
28B-SLR	44.45	31.00	27.94	15.88	65.1	70.5	32.6	37.9	37.0	6.3	7.4			215.7	34.8	9.3
32B-SLR	50.80	31.00	29.21	15.88	64.2	69.6	32.1	37.5	42.2	6.3	6.9			274.6	44.1	9.9

MULTIPLE STRANDS

SY Chain No.	Dimensions - mm													Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate			Trans. Pitch					
		Width	Dia.	Dia.	Length		Height	Thickness								
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	T3	TP	kN	kN	kg/m	
08B-SLR-2	12.70	7.75	8.51	4.45	30.6	31.9	15.3	16.6	11.8	1.5	1.5	1.25	13.92	33.6	3.8	1.3
10B-SLR-2	15.875	9.65	10.16	5.08	36.0	37.3	18.0	19.3	14.5	1.65	1.65	1.65	16.59	49.2	5.7	1.8
12B-SLR-2	19.05	11.68	12.07	5.72	41.6	43.1	20.8	22.3	17.4	1.8	1.8	1.8	19.46	64.8	8.2	2.9
16B-SLR-2	25.40	17.02	15.87	8.26	67.2	70.1	33.6	36.5	21.0	3.1	3.9	3.1	31.88	149.2	15.9	5.1
20B-SLR-2	31.75	19.56	19.05	10.16	76.8	80.6	38.4	42.2	29.3	3.5	4.7	3.5	36.45	256.6	24.8	7.3
24B-SLR-2	38.10	25.40	25.40	14.63	101.8	106.5	50.9	55.6	35.1	5.0	5.9	5.0	48.36	391.2	33.2	14.5
28B-SLR-2	44.45	31.00	27.94	15.88	124.7	130.0	62.4	67.6	37.0	6.3	7.4	6.3	59.56	431.4	45.2	18.5
32B-SLR-2	50.80	31.00	29.21	15.88	123.8	128.2	61.9	66.3	42.2	6.3	6.9	6.3	58.55	549.2	57.3	19.8

Sintered Steel Bushing SLR ANSI Standard Roller Chains (T.S)



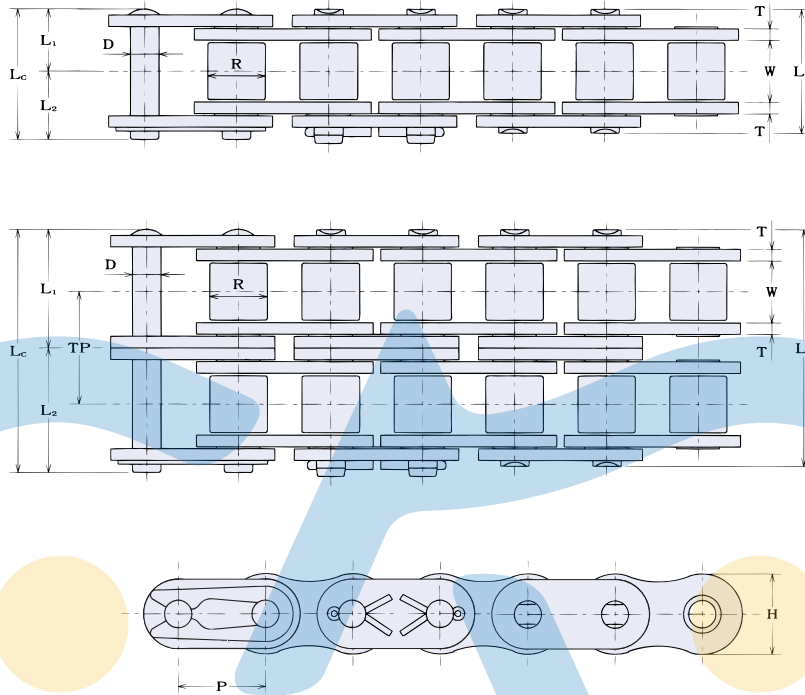
SINGLE STRANDS

SY Chain No.	Dimensions - mm												Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length			Height	Thickness						
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
SY40-SLR	12.70	7.95	7.92	3.96	17.5	19.0	8.8	10.2	11.7	1.5	2.0		19.1	3.63	0.7
SY50-SLR	15.875	9.53	10.16	5.08	21.3	23.3	10.7	12.6	14.6	2.0	2.4		31.9	6.28	1.1
SY60-SLR	19.05	12.70	11.91	5.95	27.4	29.8	13.7	16.1	17.5	2.4	3.2		43.1	8.63	1.7
SY80-SLR	25.40	15.88	15.88	7.93	34.1	37.4	17.1	20.3	23.4	3.2	4.0		78.5	14.7	2.7
SY100-SLR	31.75	19.05	19.05	9.53	41.0	44.8	20.5	24.3	29.3	4.0	4.8		118	22.6	4.3
SY120-SLR	38.10	25.40	22.23	11.10	51.1	55.2	25.6	29.6	35.1	4.8	5.6		167	30.4	6.0

MLTIPLE STRANDS

SY Chain No.	Dimensions - mm												Average Tensile Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch					
		Width	Dia.	Dia.	Length			Height	Thickness						
P	W	R	D	LR	Lc	L1	L2	H	T1	T2	TP	kN	kN	kg/m	
SY40-SLR-2	12.70	7.95	7.92	3.96	33.1	34.6	16.6	18	11.7	1.5	2.0	15.6	38.2	4.7	1.3
SY50-SLR-2	15.875	9.53	10.16	5.08	40.5	42.2	20.3	21.9	14.6	2.0	2.4	19.2	63.8	8.2	2.0
SY60-SLR-2	19.05	12.70	11.91	5.95	52.3	53.9	26.2	27.7	17.5	2.4	3.2	24.9	86.2	11.2	3.3
SY80-SLR-2	25.40	15.88	15.88	7.93	65.2	68.5	32.6	35.9	23.4	3.2	4.0	31.1	157	19.1	5.1
SY100-SLR-2	31.75	19.05	19.05	9.53	78.6	82.4	39.3	43.1	29.3	4.0	4.8	37.6	236	29.4	8.2
SY120-SLR-2	38.10	25.40	22.23	11.10	99.1	103.2	49.6	53.6	35.1	4.8	5.6	48.0	334	39.5	11.7

Sintered Steel Bushing SLR ANSI Standard Roller Chains (C.S)



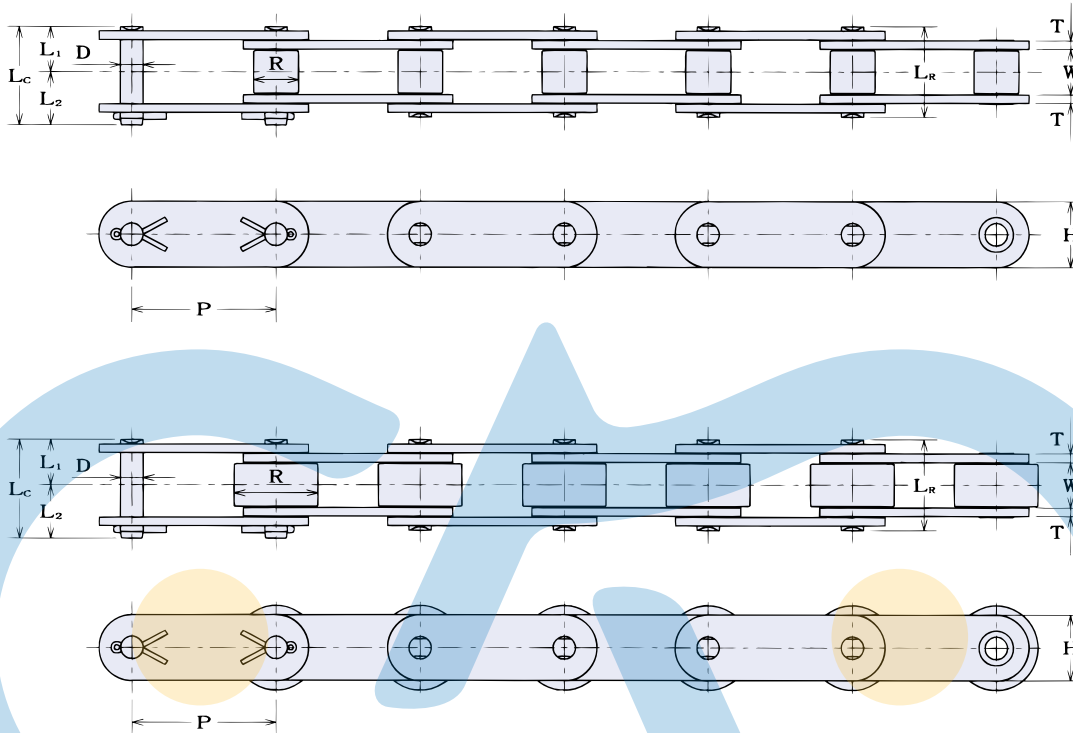
SINGLE STRANDS

SY Chain No.	Dimensions - mm											Average Tensile 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	T	TP	kN	kN	kg/m	
SY40-SLR	12.70	7.95	7.92	3.96	16.5	18.1	8.3	9.8	11.7	1.5		15.7	3.63	0.6
SY50-SLR	15.875	9.53	10.16	5.08	20.5	22.3	10.3	12.0	14.6	2.0		25.5	6.28	1.0
SY60-SLR	19.05	12.70	11.91	5.95	25.9	28.3	13.0	15.3	17.5	2.4		37.3	8.63	1.5
SY80-SLR	25.40	15.88	15.88	7.93	33.0	35.9	16.5	19.4	23.4	3.2		63.7	14.7	2.5
SY100-SLR	31.75	19.05	19.05	9.53	39.8	43.1	19.9	23.2	29.3	4.0		100	22.6	3.9
SY120-SLR	38.10	25.40	22.23	11.10	49.8	54.0	24.9	29.1	35.1	4.8		157	30.4	5.8

MULTIPLE STRANDS

SY Chain No.	Dimensions - mm											Average Tensile 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	T	TP	kN	kN	kg/m	
SY40-SLR-2	12.70	7.95	7.92	3.96	31.1	32.7	15.6	17.1	11.7	1.5	14.4	31.4	4.7	1.1
SY50-SLR-2	15.875	9.53	10.16	5.08	39.1	40.7	19.6	21.1	14.6	2.0	18.1	51.0	8.2	1.9
SY60-SLR-2	19.05	12.70	11.91	5.95	49.3	50.9	24.7	26.2	17.5	2.4	22.8	74.6	11.2	2.8
SY80-SLR-2	25.40	15.88	15.88	7.93	62.2	65.5	31.1	34.4	23.4	3.2	29.3	127	19.1	4.9
SY100-SLR-2	31.75	19.05	19.05	9.53	75.4	79.1	37.7	41.4	29.3	4.0	35.8	200	29.4	7.6
SY120-SLR-2	38.10	25.40	22.23	11.10	95.4	99.6	47.7	51.9	35.1	4.8	45.4	314	39.5	11.1

Sintered Steel Bushing SLR Double Pitch Roller Chains



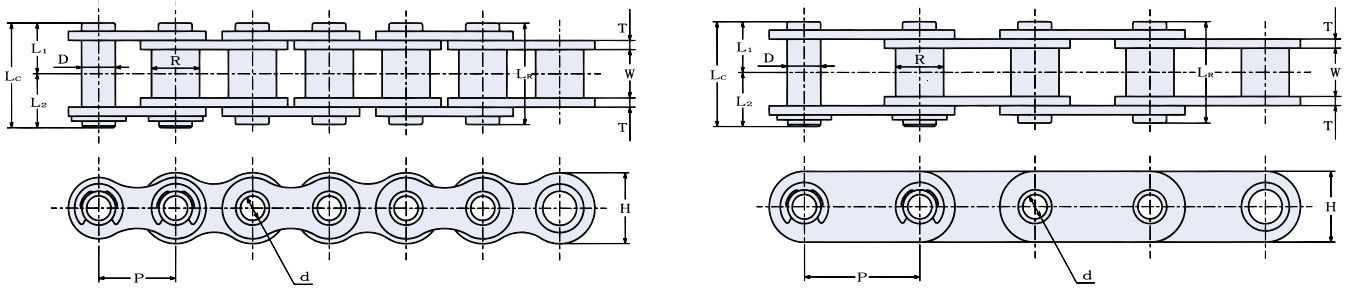
CONVEYOR SERIES (STANDARD ROLLER TYPE)

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
		P	W	R	D	LR	LC	L1	L2	H			
C 2040-SLR	25.40	7.95	7.92	3.96	16.5	18.5	8.3	10.2	11.5	1.5	15.7	2.65	0.5
C 2050-SLR	31.75	9.53	10.16	5.08	20.5	22.5	10.3	12.2	15.1	2.0	25.5	4.31	0.8
C 2060H-SLR	38.10	12.70	11.91	5.95	29.1	31.5	14.6	16.9	17.2	3.2	37.3	6.28	1.4
C 2080H-SLR	50.80	15.88	15.88	7.93	35.8	39.0	17.9	21.1	22.8	4.0	63.7	10.7	2.4
C 2100H-SLR	63.50	19.05	19.05	9.53	42.7	46.6	21.4	25.2	28.8	4.8	100	17.1	3.5

CONVEYOR SERIES (CARRIER ROLLER TYPE)

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
		P	W	R	D	LR	LC	L1	L2	H			
C 2042-SLR	25.40	7.95	15.88	3.96	16.5	18.5	8.3	10.2	11.5	1.5	15.7	2.65	0.82
C 2052-SLR	31.75	9.53	19.05	5.08	20.5	22.5	10.3	12.2	15.1	2.0	25.5	4.31	1.26
C 2062H-SLR	38.10	12.70	22.23	5.95	29.1	31.5	14.6	16.9	17.2	3.2	37.3	6.28	2.08
C 2082H-SLR	50.80	15.88	28.58	7.93	35.8	39.0	17.9	21.1	22.8	4.0	63.7	10.7	3.36
C 2102H-SLR	63.50	19.05	39.67	9.53	42.7	46.6	21.4	25.2	28.8	4.8	100	17.1	5.64

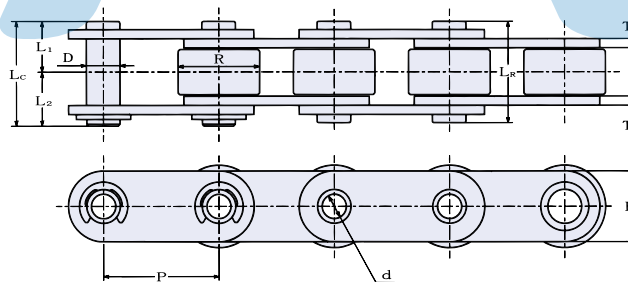
Sintered Steel Bushing HB-type Hollow Pin Chains



HP-SS DOUBLE PITCH

SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate						
		Width W	Dia. R	Outside D	Inside d	Length LR, Lc, L1, L2		Height H	Thick. T					
HB40-SL	12.70	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.6
HB50-SL	15.875	9.53	10.16	7.09	5.13	20.1	21.5	10.1	11.2	15.0	2.0	19.6	3.14	1.0
HB60-SL	19.05	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.5
HB80-SL	25.40	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	2.5
HB2040-SL	25.40	7.95	7.92	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.5
HB2050-SL	31.75	9.53	10.16	7.09	5.13	20.1	21.5	10.1	11.2	15.0	2.0	19.6	3.14	0.8
HB2060-SL	38.10	12.70	11.91	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.1
HB2080-SL	50.80	15.88	15.88	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	2.0

Sintered Steel Bushing HR-type Hollow Pin Chains



HR-TYPE HOLLOW PIN CHAINS

SY Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate						
		Width W	Dia. R	Outside D	Inside d	Length LR, Lc, L1, L2		Height H	Thick. T					
HR2042-SL	25.40	7.95	15.88	5.63	4.03	16.7	17.6	8.4	9.2	12.0	1.5	12.7	1.77	0.8
HR2052-SL	31.75	9.53	19.05	7.09	5.13	20.1	21.5	10.1	11.2	15.0	2.0	19.6	3.14	1.3
HR2062-SL	38.10	12.70	22.23	8.29	6.04	26.0	27.2	13.0	14.2	18.1	2.4	28.4	4.22	1.8
HR2082-SL	50.80	15.88	28.58	11.34	8.08	32.4	34.3	16.2	18.1	24.1	3.2	51.0	7.65	3.2

Maintenance Free Roller Chains

The chain is designed to hold high quality lubricant between the pin and bushing with seals. Expanded applications are now possible from low to high speed, light to heavy load, and where lubrication is not possible. This chain can drive for many hours without lubrication.

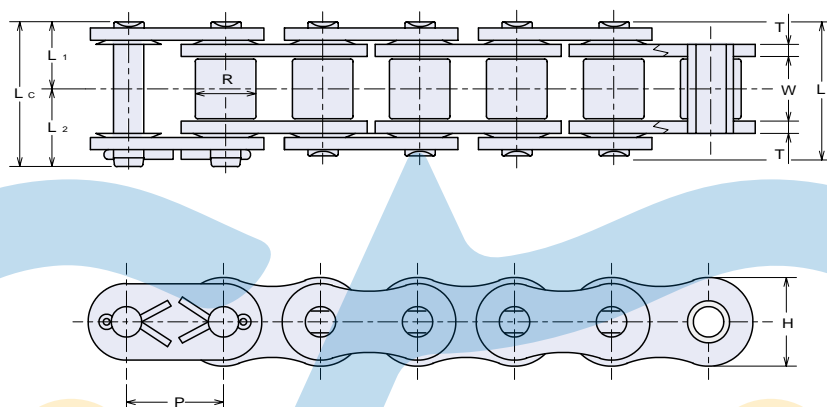
(Chain size)	#80 - #240 and 16B - 48B
(Sprocket)	Standard size
(Other applicable chains)	Attachment chains
(Operating temperature)	- 10 to + 70 (Special order up to max. 150)
(Range of speed)	From slow speed 25m/min to high speed 50m/min

(Selection and Caution)

- 1) Standard Sprocket is used. Note, however, the overall width of chain is slightly wider. Take this into consideration for designing.
- 2) When connecting the chain, make sure that all four (4) seals are installed.
- 3) Lubricate connecting link with ample lubrication before assembly.
- 4) When a lubrication leak is found (even at one location), replace that link immediately.
- 5) The maximum chain elongation limit is 1.5% of the chain length.
- 6) For use of chain in ambient temperature over 80 , special lubrication for higher temperature is available upon request.
- 7) The covering plate of connecting link is a press-fit type with extra interferences.
- 8) An offset link is not available.

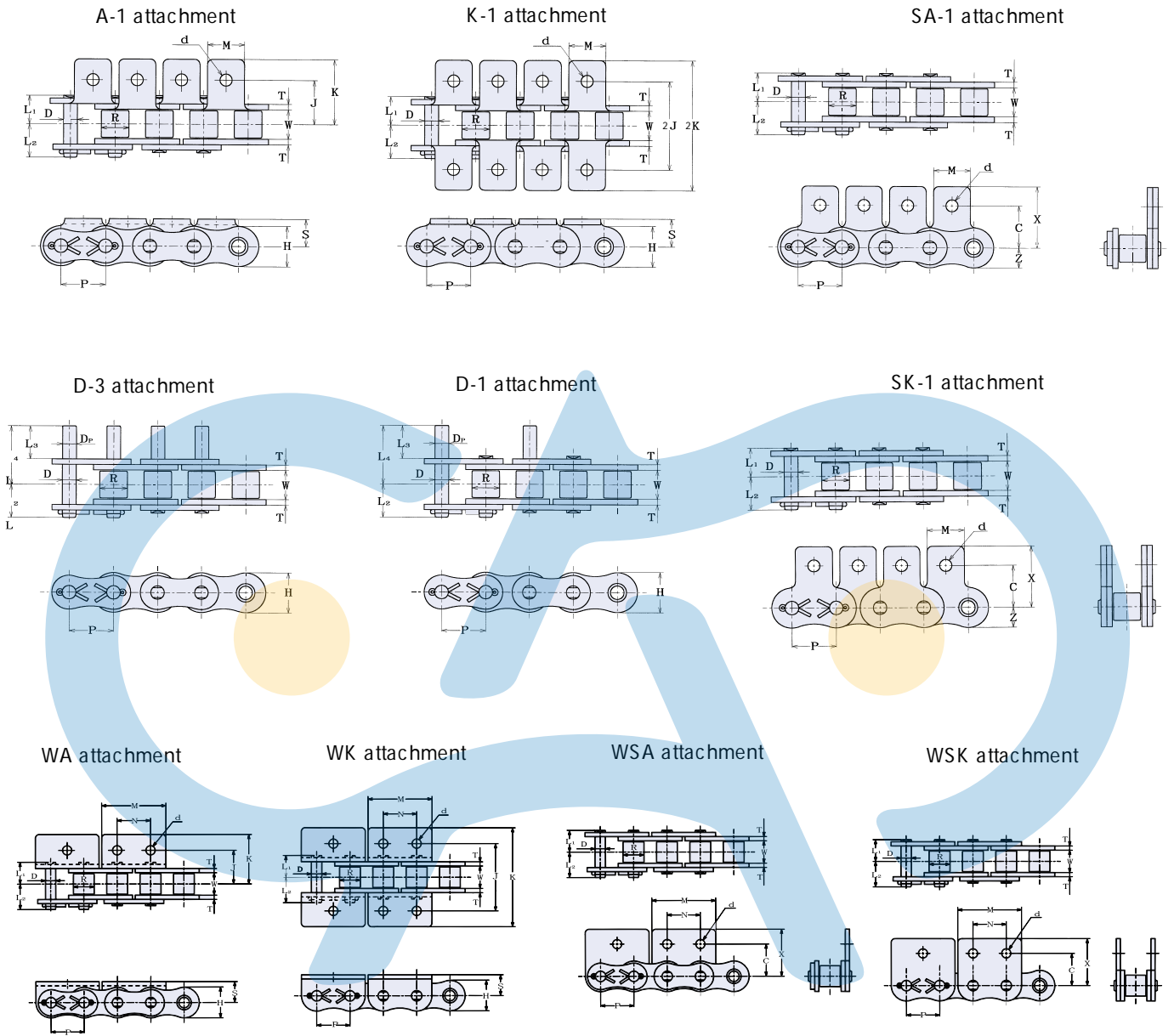


Maintenance Free Roller Chains



SY Chain No.	Dimensions - mm									Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate				
		Width	Dia.	Length				Height	Thick			
		P	W	R	Lr	Lc	L1	L2	H			
MF 16A	25.40	15.9	15.88	34.8	37.5	17.4	20.1	23.4	3.2	78.5	18.4	2.6
MF 16B	25.40	17.1	15.88	35.8	38.5	17.9	20.6	23.4	3.2	78.5	18.4	2.7
MF 20AB	31.75	19.6	19.05	41.6	45.2	20.8	24.4	29.3	4.0	118	28.3	3.9
MF 24A	38.10	25.4	22.23	51.8	55.7	25.9	29.8	35.1	4.8	164	38.0	5.8
MF 24B	38.10	25.4	25.40	51.8	55.7	25.9	29.8	35.1	4.8	167	38.0	7.3
MF 28A	44.45	25.4	25.40	56.2	60.5	28.1	32.4	40.9	5.6	216	50.3	7.5
MF 28B	44.45	31.0	27.94	61.8	66.1	30.9	35.2	40.9	5.6	216	50.3	9.3
MF 32AB	50.80	31.6	28.58	66.6	71.0	33.3	37.7	46.7	6.4	275	66.3	9.8
MF 40AB	63.50	38.1	39.37	82.0	90.5	41.0	49.5	59.6	8.0	451	82.3	16.9
MF 48AB	76.20	47.5	47.63	100.0	107.7	50.0	57.7	70.3	9.5	677	112.8	23.6

BS Standard Attachment Chains



SY Chain No. (BS)	Pitch P	Dimensions - mm											Minimum Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
		Roller		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length			Height H	Thickness						
08B	12.70	7.75	8.51	4.45	16.7	18.0	8.4	9.6	11.8	1.5	1.5	13.92	17.8	3.14	0.61
10B	15.88	9.65	10.16	5.08	19.0	20.7	9.5	11.2	14.7	1.65	1.65	16.59	22.2	4.90	0.89
12B	19.05	11.68	12.07	5.72	22.0	23.6	11.0	12.6	16.1	1.8	1.8	19.46	28.9	7.06	1.14
16B	25.40	17.02	15.88	8.26	35.1	38.2	17.6	20.6	21.0	3.2	4.0	31.88	60.0	12.6	2.59
20B	31.75	19.56	19.05	10.16	40.2	44.0	20.1	23.9	26.4	3.5	4.7	36.45	95.1	19.6	3.76

A-1, K-1 ATTACHMENT

SY Chain No.	Common Dimensions			Original Dimensions				Additional Weight	
	M	d	S	A-1		K-1		A-1	K-1
				J	K	2J	2K	g/pc	
08B	11.0	4.3	8.5	13.8	20.9	27.6	41.8	2.0	4.0
10B	14.0	5.3	10.5	15.8	24.2	31.6	48.4	3.2	6.4
12B	18.0	6.4	12.2	17.6	27.3	35.2	54.6	4.5	9.0
16B	24.0	8.4	17.0	29.0	41.9	58.0	83.8	20	40
20B	30.0	10.5	21.0	34.5	47.5	69.0	98.6	25	50

SA-1,SK-1 ATTACHMENT

SY Chain No.	Common Dimensions					Additional Weight	
	M	d	C	X	Z	SA-1	SK-1
						g/pc	
08B	11.0	4.3	13.7	20.8	5.9	2.0	4.0
10B	14.0	5.3	16.5	24.9	7.4	3.2	6.4
12B	18.0	6.4	18.5	28.1	8.1	4.5	9.0
16B	24.0	8.4	27.4	40.0	10.3	20	40
20B	30.0	10.5	33.0	47.5	13.2	25	50

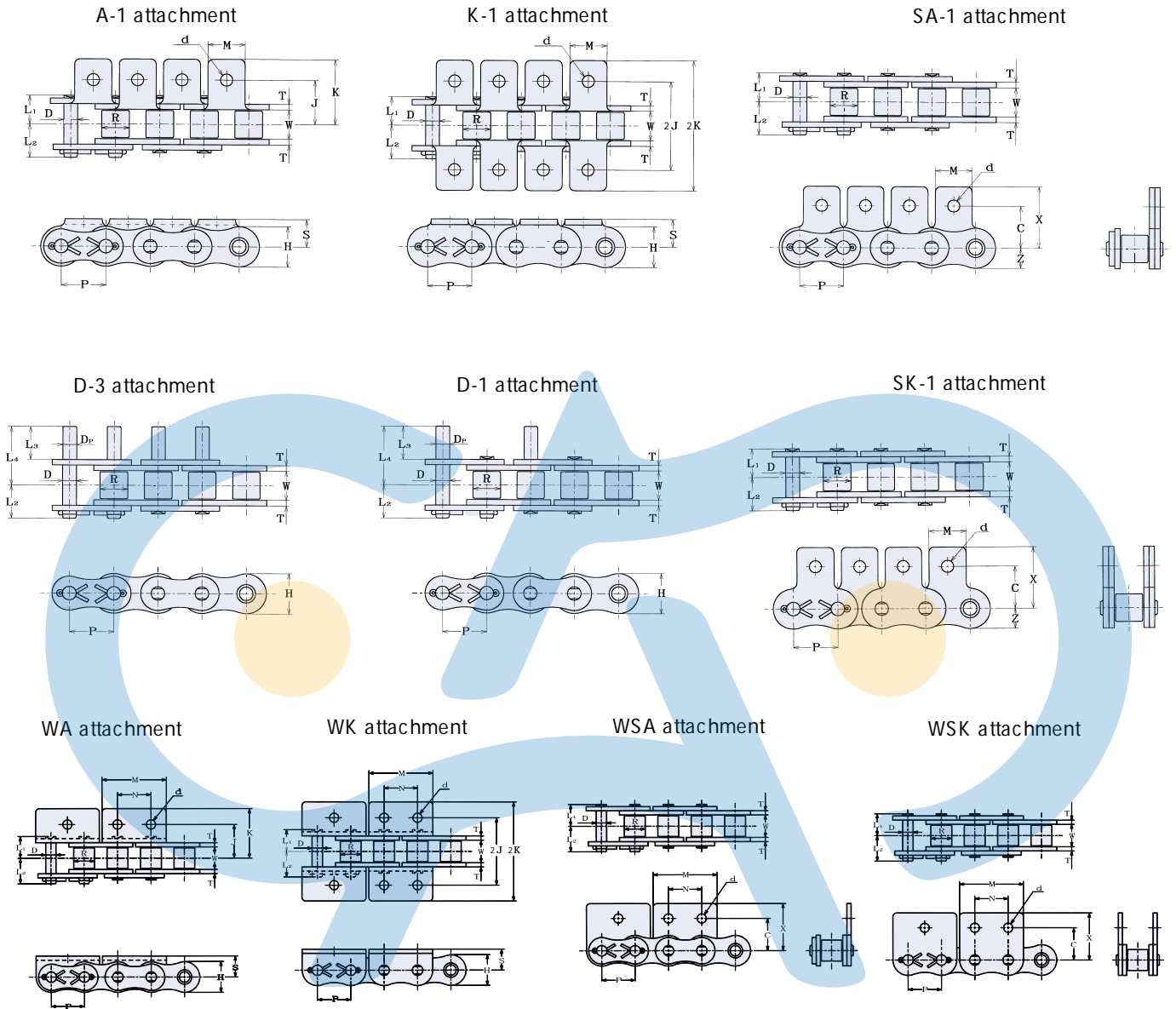
D-1,D-3 ATTACHMENT

SY Chain No.	Common Dimensions				Additional Weight	
	Dp	L3	L4	H	D-1	D-3
					g/pc	
08B	4.45	14.8	21.8	11.8	1.8	3.6
10B	5.08	17.6	25.9	14.7	2.8	5.6
12B	5.72	20.7	30.5	16.1	4.1	8.2
16B	8.26	33.3	49.3	20.6	14.0	28.0
20B	10.16	38.3	56.6	26.4	24.3	48.6

WA-1,WA-2,WK -1,WK -2,WSA-1,WSA-2,WSK -1,WSK -2 ATTACHMENT

SY Chain No.	Common Dimensions				Original Dimensions					
	M	d	N	S	WA		WK		WSA, WSK	
					J	K	2J	2K	C	X
08B	24.5	4.3	12.7	8.5	13.8	20.9	27.6	41.8	13.7	20.8
10B	30.6	5.3	15.9	10.5	15.8	24.2	31.6	48.4	16.5	24.9
12B	35.2	6.4	19.1	12.2	17.6	27.3	35.2	54.6	18.5	28.1
16B	46.4	8.4	25.4	17.0	29.0	41.9	58.0	83.8	27.4	40.0
20B	58.2	10.5	31.8	21.0	34.5	49.3	69.0	98.6	33.0	47.5

ANSI Standard Attachment Chains



BASIC SPECS FOR ASSEMBLING ATTACHMENT

SY Chain No. (ANSI)	Dimensions - mm								Average Ultimate Strength kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin		Plate				
		Width W	Dia. R	Dia. D	Length L1 L2		Height H	Thick. T		
SY 35	9.525	4.78	*5.08	3.58	5.9	6.8	9.0	1.25	10.8	0.34
SY 40	12.70	7.95	7.92	3.96	8.2	9.1	11.7	1.5	19.1	0.60
SY 50	15.875	9.53	10.16	5.08	10.3	11.6	14.6	2.0	31.9	0.98
SY 60	19.05	12.70	11.91	5.95	12.7	13.9	17.5	2.4	43.1	1.46
SY 80	25.40	15.88	15.88	7.93	16.2	18.8	23.4	3.2	78.5	2.52
SY 100	31.75	19.05	19.05	9.53	19.6	23.2	29.3	4.0	118	3.91
SY 120	38.10	25.40	22.23	11.10	24.7	28.5	35.1	4.8	167	5.76
SY 140	44.45	25.40	25.4	12.70	26.9	31.2	40.9	5.6	216	7.41
SY 160	50.80	31.75	28.58	14.28	32.1	36.4	46.7	6.4	275	9.79

A-1, K-1 ATTACHMENT

SY Chain No.	Common Dimensions				Original Dimensions				Additional Weight	
	M	d	S	Z	A-1		K-1		A-1	K-1
					J	K	2J	2K	g/pc	
SY35	7.9	3.4	6.4	4.5	9.5	14.3	19.1	28.6	0.9	1.8
SY40	9.5	3.6	7.9	5.8	12.7	17.3	25.4	34.6	1.2	2.4
SY50	12.7	5.2	10.3	7.3	15.9	23.3	31.8	46.6	4	8
SY60	15.9	5.2	11.9	8.7	19.1	28.1	38.1	56.2	6.5	13
SY80	19.1	6.8	15.9	11.7	25.4	35.9	50.8	71.8	13	26
SY100	25.4	8.8	19.8	14.6	31.8	44.3	63.6	88.6	27	54
SY120	28.3	10.5	23.0	17.5	38.1	54.7	76.2	109.4	47	94
SY140	34.7	12.0	28.6	20.4	44.5	63.2	89.0	126.4	65	130
SY160	38.1	14.0	31.8	23.3	50.8	71.9	101.6	143.8	88	176

SA-1,SK-1 ATTACHMENT

SY Chain No.	Common Dimensions					Additional Weight	
	M	d	C	X	Z	SA-1	SK-1
						g/pc	
SY35	7.9	3.4	9.5	14.5	4.5	0.9	1.8
SY40	9.5	3.6	12.7	18.5	5.8	1.2	2.4
SY50	12.7	5.2	15.9	23.0	7.3	4	8
SY60	15.9	5.2	18.3	26.7	8.7	6.5	13
SY80	19.1	6.8	24.6	34.5	11.7	13	26
SY100	25.4	8.8	31.8	43.0	14.6	27	54
SY120	28.6	10.5	36.6	51.4	17.5	47	94
SY140	34.7	12.0	44.4	63.1	20.4	65	130
SY160	38.1	14.0	50.8	69.5	23.3	88	176

D-1,D-3 ATTACHMENT

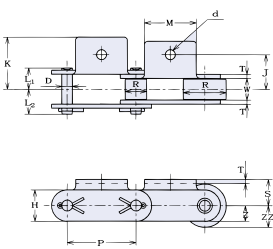
SY Chain No.	Common Dimensions				Additional Weight	
	Dp	L3	L4	H	D-1	D-3
					g/pc	
SY35	3.58	9.5	14.7	9	0.8	1.6
SY40	3.96	9.5	16.8	11.7	1	2
SY50	5.08	11.9	21.0	14.6	2	4
SY60	5.95	14.3	25.9	17.5	3	6
SY80	7.93	19.1	33.9	23.4	7	14
SY100	9.53	23.8	41.9	29.3	12	24
SY120	11.10	28.6	51.4	35.1	20	40
SY140	12.70	33.3	57.5	40.9	30	60
SY160	14.28	38.1	67.4	46.7	45	90

WA-1,WA-2,WK-1,WK-2,WSA-1,WSA-2,WSK-1,WSK-2 ATTACHMENT

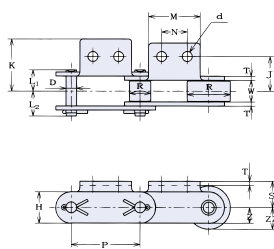
SY Chain No.	Common Dimensions				Original Dimensions					
	M	d	N	S	WA		WK		WSA, WSK	
					J	K	2J	2K	C	X
SY40	24.3	3.6	12.7	7.9	12.7	17.3	25.4	34.6	12.7	17.3
SY50	30.4	5.2	15.9	10.3	15.9	23.3	31.8	46.6	15.9	23.1
SY60	36.5	5.2	19.1	11.9	19.1	28.1	38.1	56.2	18.3	27.1
SY80	48.6	6.8	25.4	15.9	25.4	35.9	50.8	71.8	24.6	34.5
SY100	61.0	8.8	31.8	19.8	31.8	44.3	63.6	88.6	31.8	43.0

Double Pitch Attachment Chains

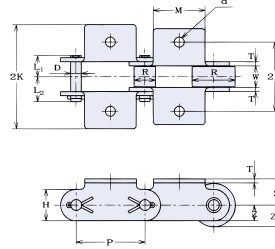
A-1 attachment



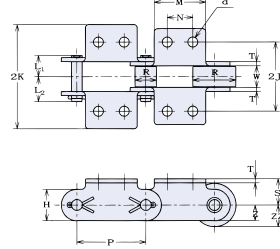
A-2 attachment



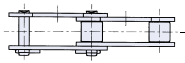
K-1 attachment



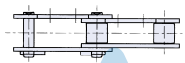
K-2 attachment



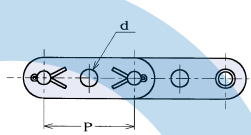
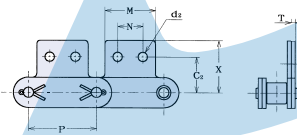
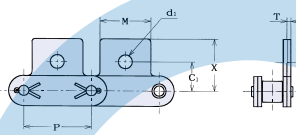
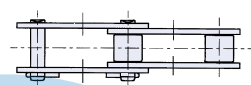
SA-1 attachment



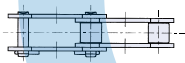
SA-2 attachment



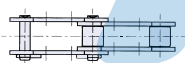
GK-1 attachment



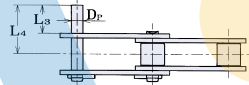
SK-1 attachment



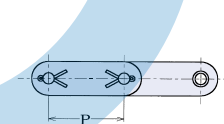
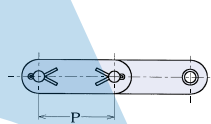
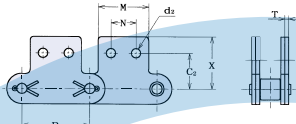
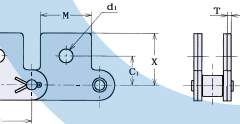
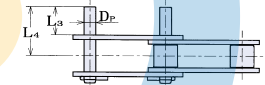
SK-2 attachment



D-1 attachment



D-3 attachment



BASIC SPECS FOR ASSEMBLING ATTACHMENT

SY Chain No. (ANSI)	Dimensions - mm								Average Ultimate Strength kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin		Plate				
		Width W	Dia. R	Dia. D	Length L1 L2	Height H	Thick. T			
C2040	25.40	7.95	7.92	3.96	8.2	9.1	11.4	1.5	16.7	0.48
C2042			15.88							0.82
C2050	31.75	9.53	10.16	5.08	10.3	11.6	15.0	2.0	29.5	0.82
C2052			19.05							1.26
C2060H	38.10	12.70	11.91	5.95	14.4	16.7	17.0	3.2	40.2	1.38
C2062H			22.23							2.08
C2080H	50.80	15.88	15.88	7.93	17.8	21.1	22.6	4.0	68.6	2.32
C2082H			28.58							3.36
C2100H	63.50	19.05	19.05	9.53	21.1	24.6	28.6	4.8	107.9	3.46
C2102H			39.67							5.64
C2120H	76.20	25.40	22.23	11.10	26.3	30.7	34.9	5.6	151.0	4.92
C2122H			44.45							7.87
C2160H	101.60	31.75	28.58	14.28	28.5	33.1	47.6	7.2	257.9	8.02
C2162H			57.15							12.77

A-1,A-2,K-1,K-2, ATTACHMENT

SY Chain No.		Dimensions - mm								
Standard Roller	Carrier Roller	M	d	N	S	Z	ZZ	A-1, A-2		K-1, K-2
								J	K	2J
C2040	C2042	19.1	3.6	9.5	9.1	5.7	- 7.94	12.7	19.1	25.4
C2050	C2052	23.8	5.2	11.9	11.1	7.5	- 9.53	15.9	24.2	31.8
C2060H	C2062H	28.6	5.2	14.3	14.7	8.5	- 11.11	21.4	31.2	42.8
C2080H	C2082H	38.1	6.8	19.1	19.1	11.3	- 14.29	27.8	40.6	55.6
C2100H	C2102H	47.6	8.8	23.8	23.4	14.3	- 19.84	33.3	50.0	66.6
C2120H	C2122H	57.2	10.5	28.6	27.8	17.4	- 22.22	39.7	61.9	79.4
C2160H	C2162H	76.2	14.0	38.1	36.5	23.8	- 28.58	52.4	76.1	104.8

SA-1,SA-2,SK-1,SK-2 ATTACHMENT

SY Chain No.		Dimensions - mm								
Standard Roller	Carrier Roller	M	X	Z	ZZ	SA-1, SK-1		SA-2, SK-2		N
						C1	d1	C2	d2	
C2040	C2042	19.1	19.8	5.7	- 7.94	11.1	5.2	13.5	3.6	9.5
C2050	C2052	23.8	24.6	7.5	- 9.53	14.3	6.8	15.9	5.2	11.9
C2060H	C2062H	28.6	30.6	8.5	- 11.11	17.5	8.8	19.1	5.2	14.3
C2080H	C2082H	38.1	40.2	11.3	- 14.29	22.2	10.5	25.4	6.8	19.1
C2100H	C2102H	47.6	50.3	14.3	- 19.84	28.6	14.0	31.8	8.8	23.8
C2120H	C2122H	57.2	61.1	17.4	- 22.22	33.3	16.0	37.3	10.5	28.6
C2160H	C2162H	76.2	76.2	23.8	- 28.58	44.5	21.0	50.8	14.0	38.1

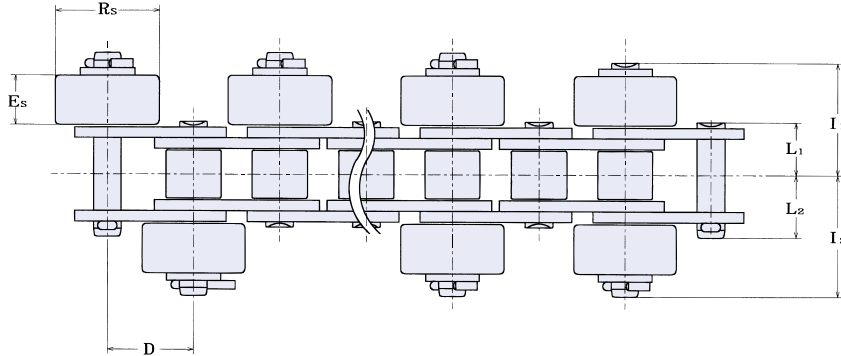
D-1,D-3,GK-1 ATTACHMENT

SY Chain No.		Dimensions - mm				Additional Weight	
Standard Roller	Carrier Roller	D-1, D-3			GK-1	D-1	D-3
		Dp	L3	L4	d	g/pc	
C2040	C2042	3.96	9.5	16.8	4.1	0.9	1.8
C2050	C2052	5.08	11.9	21.1	6.4	1.8	3.6
C2060H	C2062H	5.95	14.3	27.5	6.4	3.0	6
C2080H	C2082H	7.93	19.1	35.6	8.1	7	14
C2100H	C2102H	9.53	23.8	43.2	10.1	12	24
C2120H	C2122H	11.10	28.6	53.0	12.1	20	40
C2160H	C2162H	14.28	38.1	69.0	-	44	88

To be added to chain weight for each attachment used.

Side Roller Chains

SY Side Roller chains are often used on accumulating conveyors. The side rollers may be staggered or parallel at any given spacing. Roller materials are available with carbon steel or low friction plastic.

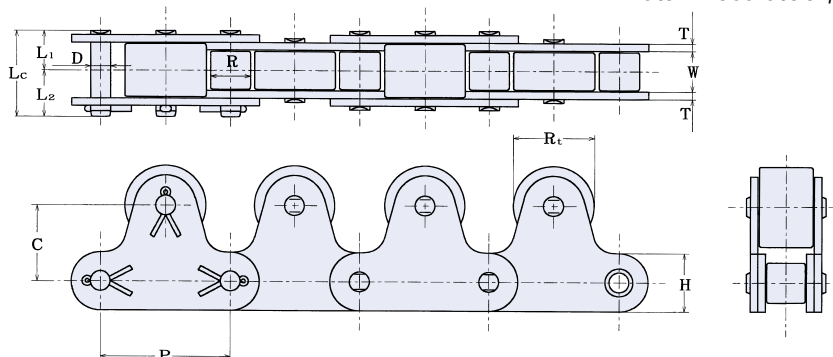


SY Chain No.	Dimensions - mm							Average Chain Weight kg/m
	Pitch P	Side roller			Chain Pin		Cotter Side L2	
		Dia. Rs	Width Es	Pin-Length I1 I2		Riveted Side L1		
SY-40	12.70	15.88	7.6	17.3	19.1	8.2	10.3	0.86
SY-50	15.875	19.05	9.2	21.4	23.1	10.3	11.6	1.40
SY-60	19.05	22.23	12.5	27.9	30.0	12.7	14.9	1.93
SY-80	25.40	28.58	15.6	34.8	37.8	16.2	18.8	3.30
SY-100	31.75	39.67	18.5	41.9	45.5	19.6	23.2	3.57
C2040	25.40	15.88	7.6	17.3	19.1	8.2	10.3	0.61
C2050	31.75	19.05	9.2	21.4	23.1	10.3	11.6	1.01
C2060H	38.10	22.23	12.5	29.5	31.6	14.4	16.7	1.65
C2080H	50.80	28.58	15.6	36.5	39.5	17.8	21.1	2.74
C2100H	63.50	39.67	18.5	43.4	47.0	21.1	24.6	4.15
C2042	25.40	23.00	7.6	17.3	19.1	8.2	10.3	1.20
C2052	31.75	27.00	9.2	21.4	23.1	10.3	11.6	1.65
C2062H	38.10	30.00	12.5	29.5	31.6	14.4	16.7	2.60

Average weight shows chains with plastic side rollers every second pitches on both sides.

Top Roller Chains

Top Roller chain is based on ANSI roller chain with extra roller mounted on top of the chain. Top rollers are installed on the pins that connect SK-1 extended plates. The Rollers may be carbon steel, stainless steel, or low friction plastic.



Top Roller Dia. Only E every Link

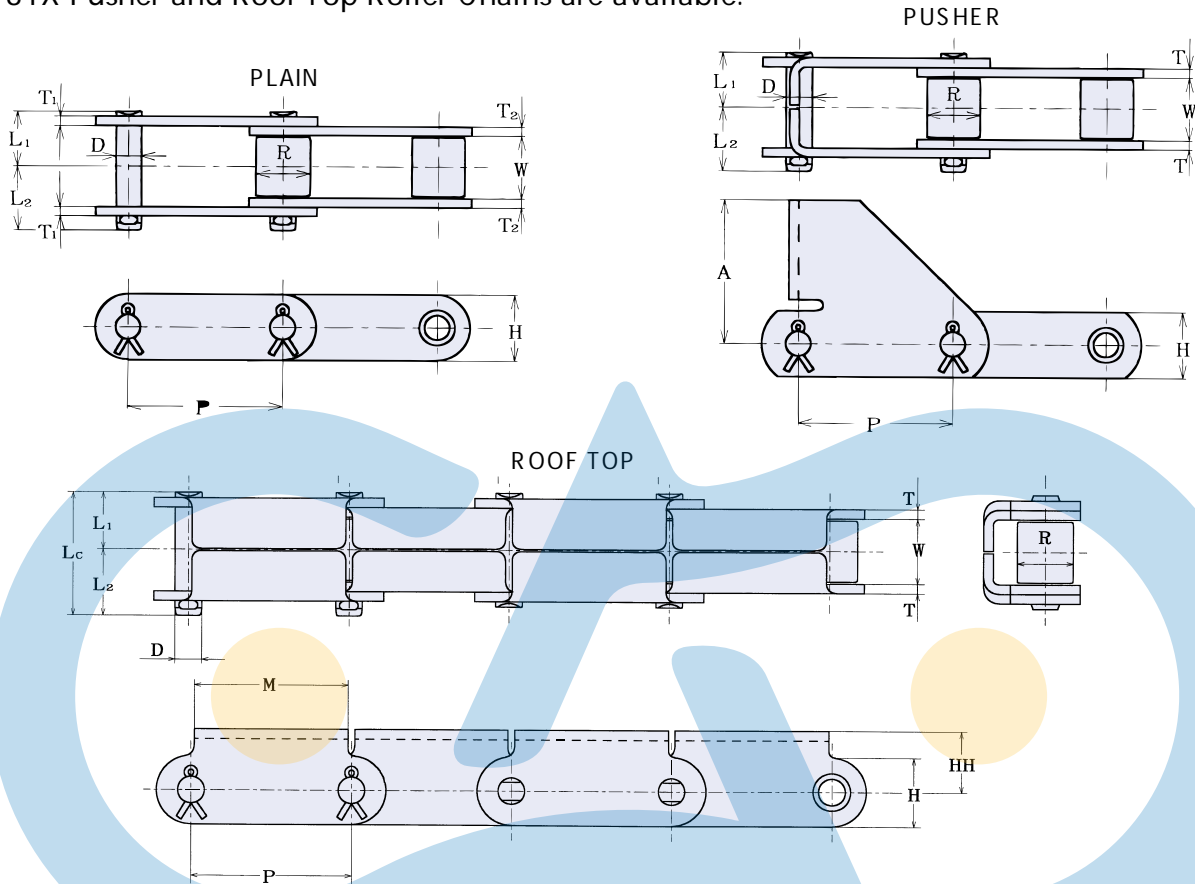
SY-40	11.00
SY-50	15.00
SY-60	18.00
SY-80	24.00
SY-100	30.00

SY Chain No.	Dimensions - mm										Average Ultimate Strength kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin		Plate		Top-Roller				
		Width W	Dia. R	Dia. D	Length L1 L2	Height H	Thickness T	Position C	Dia. Rt			
SY-40	12.70	7.95	7.92	3.96	8.2	9.1	11.7	1.5	12.7	15.88	19.1	1.10
SY-50	15.875	9.53	10.16	5.08	10.3	11.6	14.6	2.0	15.9	19.05	31.9	1.61
SY-60	19.05	12.70	11.91	5.95	12.7	13.9	17.5	2.4	18.3	22.23	43.1	2.80
SY-80	25.40	15.88	15.88	7.93	16.2	18.8	23.4	3.2	24.6	28.58	78.5	4.60
SY-100	31.75	19.05	19.05	9.53	19.6	23.2	29.3	4.0	31.8	39.67	118	7.60
C2040	25.40	7.95	7.92	3.96	8.2	10.3	11.4	1.5	15.0	15.88	19.1	1.29
C2050	31.75	9.53	10.16	5.08	10.3	11.6	15.0	2.0	19.0	19.05	31.9	1.99
C2060H	38.10	12.70	11.91	5.95	14.4	16.7	17.0	3.2	23.0	22.23	54.9	3.50
C2080H	50.80	15.88	15.88	7.93	17.8	21.1	22.6	4.0	29.0	28.58	90.2	5.30
C2100H	63.50	19.05	19.05	9.53	21.1	24.6	28.6	4.8	35.4	39.67	137	8.60
C2042	25.40	7.95	15.88	3.96	8.2	10.3	11.4	1.5	15.0	15.88	19.1	1.61
C2052	31.75	9.53	19.05	5.08	10.3	11.6	15.0	2.0	19.0	19.05	31.9	2.50
C2062H	38.10	12.70	22.23	5.95	14.4	16.7	17.0	3.2	23.0	22.23	54.9	4.30
C2082H	50.80	15.88	28.58	7.93	17.8	21.1	22.6	4.0	29.0	28.58	90.2	6.50
C2102H	63.50	19.05	39.67	9.53	21.1	24.6	28.6	4.8	35.4	39.67	137	10.70

Average weight shows chains with top rollers spaced every second.
For chains with oversized carrier rollers, special sprocket is used.

81X Transfer Chains

SY provides three plain 81X chains: 81X, 81XH, and 81XH-S. Each type is designed with different link plate thickness and height to strengthen progressively higher allowable loads and durability. Also 81X Pusher and Roof Top Roller Chains are available.



81X . 81XH. 81XH-S

SY Chain No.	Dimensions - mm									Average Ultimate Strength	Approx. Weight
	Pitch	Roller		Pin		Plate		Height	Thickness		
		Width	Dia.	Dia.	Length	T1	T2				
P	W	R	D	L1	L2	H	T1	T2	kN	kg/m	
81X	66.27	27.0	23.0	11.1	24.0	28.4	28.6	3.9	3.9	110	3.9
81XH	66.27	27.0	23.0	11.1	30.2	34.1	32.1	5.5	8.0	187	5.8
81XH-S	66.27	27.0	23.0	11.1	32.0	36.3	32.1	8.0	8.0	187	6.8

81X PUSHER

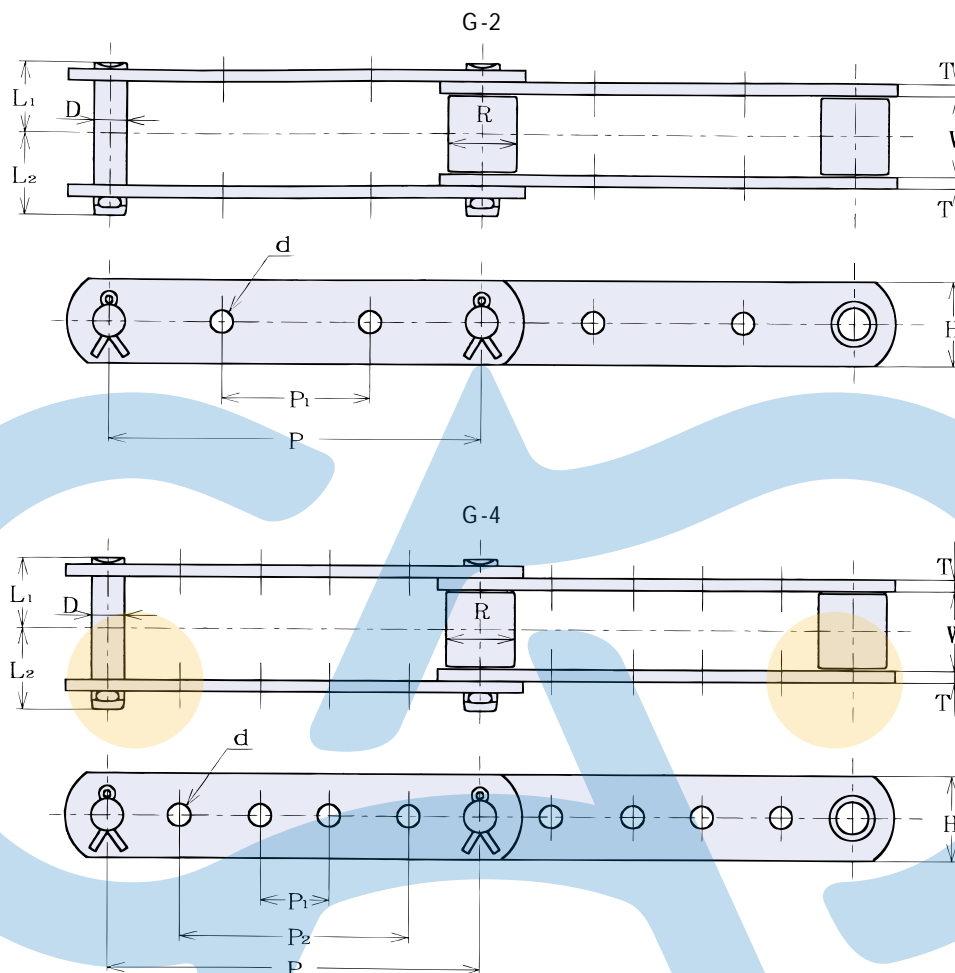
SY Chain No.	Dimensions - mm									Average Ultimate Strength
	Pitch	Roller		Pin		Plate		Height	Thickness	
		Width	Dia.	Dia.	Length	A	T			
P	W	R	D	L1	L2	H	A	T	kN	
81X Pusher	66.27	27.0	23.0	11.1	24.0	28.4	28.6	65.1	3.9	110

81X ROOF TOP CHAIN

SY Chain No.	Dimensions - mm										Average Ultimate Strength	Approx. Weight
	Pitch	Roller		Pin		Plate		Roof Width	Roof Height			
		Width	Dia.	Dia.	Length	Height	Thick					
P	W	R	D	L1	L2	H	T	M	HH	kN	kg/m	
81X Roof Top Chain	66.27	27.0	23.0	11.1	24.0	28.4	28.6	3.9	63.5	25.4	110	5.5

3939 Attachment Chain

3939 chain is an 8-inch pitch version of 81X with G-attachment holes. There are various choices for number of holes and locations per customers' specifications.



3939 G-2 ATTACHMENT

SY Chain No.	Dimensions - mm										Average Ultimate Strength kN
	Pitch P	Roller		Pin		Plate		G-2			
		Width W	Dia. R	Dia. D	Length L1 L2	Height H	Thick T	Pitch P1	Hole d		
3939	203.20	27.0	23.0	11.1	24.0	28.4	28.6	3.9	38.1 76.2 92.1 101.6	7.2	110

3939 G-4 ATTACHMENT

SY Chain No.	Dimensions - mm										Average Ultimate Strength kN
	Pitch P	Roller		Pin		Plate		G-4			
		Width W	Dia. R	Dia. D	Length L1 L2	Height H	Thick T	Pitch P1 P2	Hole d		
3939	203.20	27.0	23.0	11.1	24.0	28.4	28.6	3.9	38.1 76.2 92.1 101.6	7.2	110