

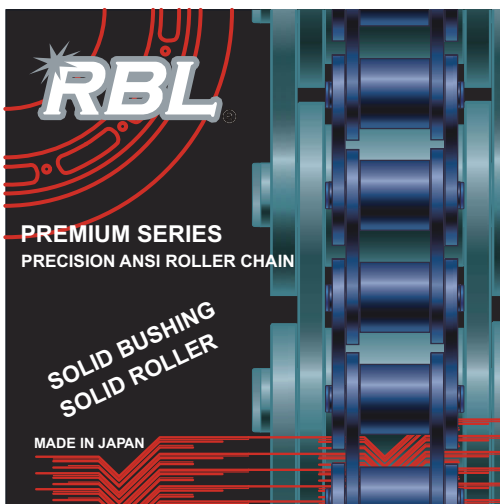
STANDARD ROLLER CHAINS

HOW TO ORDER

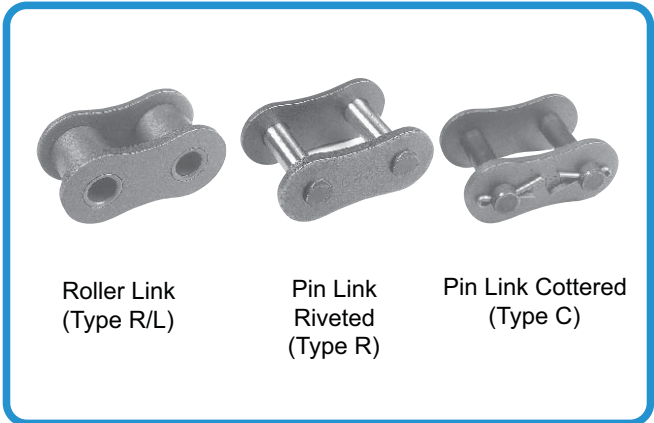
Chain number, type (riveted or cotted), length and quantity are the necessary information for us to fill in your order. At the very least, the chain pitch, roller diameter and roller link inside width should be given if the chain number is unknown.

STANDARD PACKING

RBL roller chains are packed for convenient handling and storing. Each 10ft length is packed in a carton. 50ft length and more are wound on reel.



CHAIN PARTS

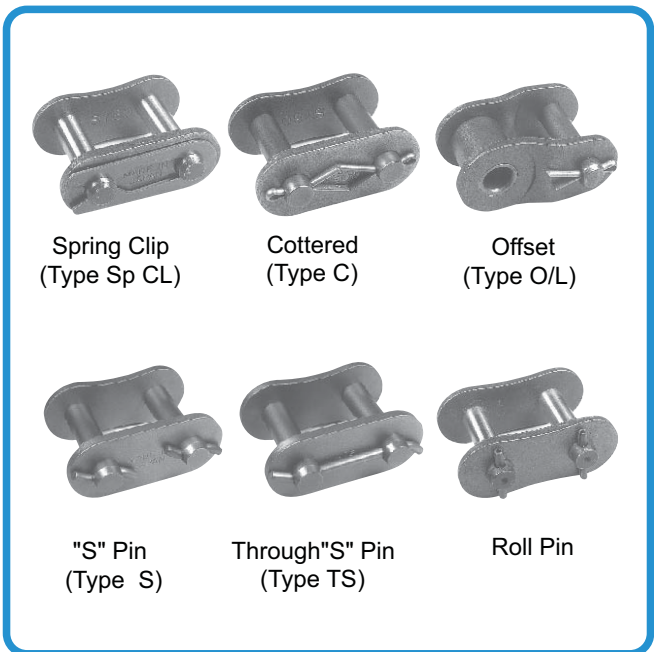


Roller Link
(Type R/L)

Pin Link
Riveted
(Type R)

Pin Link Cotted
(Type C)

CHAIN CONNECTION PARTS



Spring Clip
(Type Sp CL)

Cotted
(Type C)

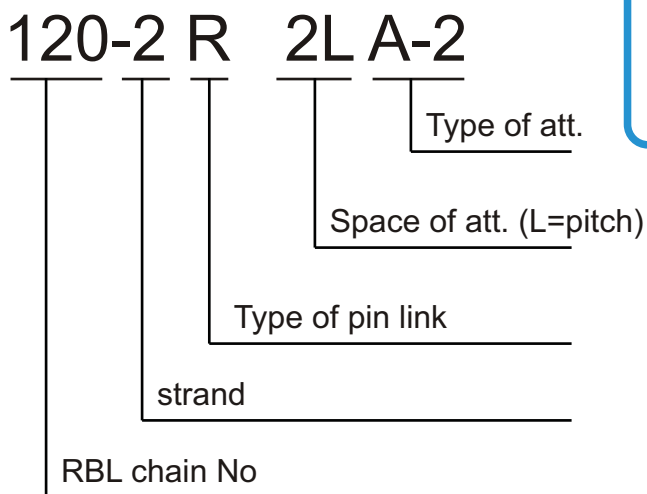
Offset
(Type O/L)

"S" Pin
(Type S)

Through "S" Pin
(Type TS)

Roll Pin

NOMENCLATURE



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 the pin heads on one side of the chain and drilling a hole in the other end to accommodate a cotter pin. This type of chain is easily assembled and disassembled in the field.

SINGLE AND MULTIPLE



On multiple-strand types, all center plates are slip fitted (clearance-fitted) unless otherwise specified.

Roller chain with connecting link (C/L)

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



Roller chain with offset link (O/L)

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



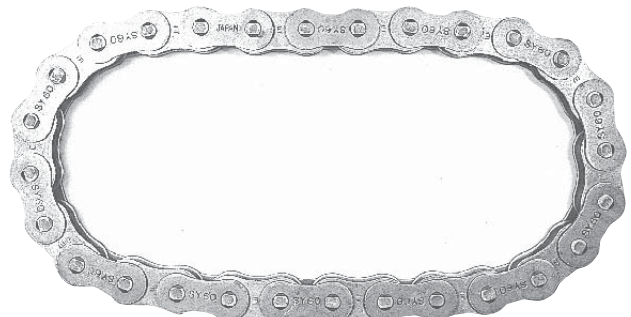
Roller chain with connecting links (C/L's) on both ends.

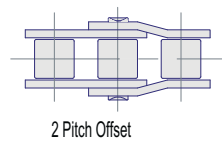
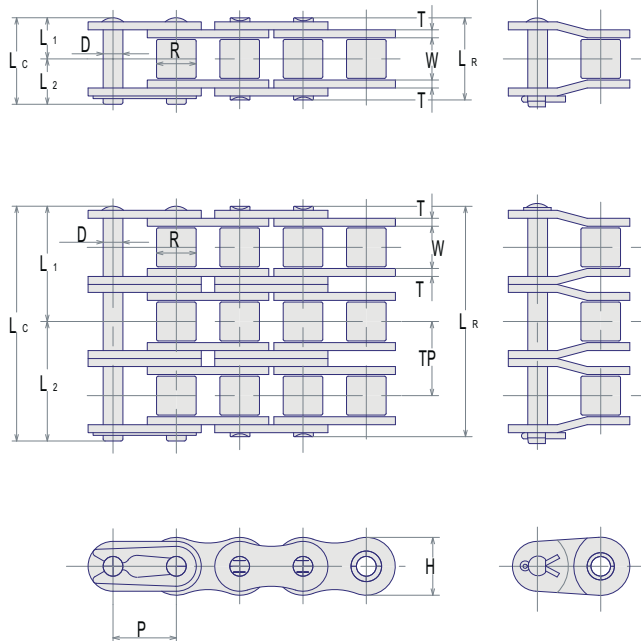
For odd pitches (not endless), 2C/L's are incorporated on request.



Roller chain endless

If an endless chain assembly is required, please specify whether it is to be riveted endless or cotter-connected.





Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	25	35
1 Unit □10'□	480P	350P
On a Reel	100'	100'

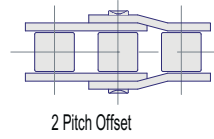
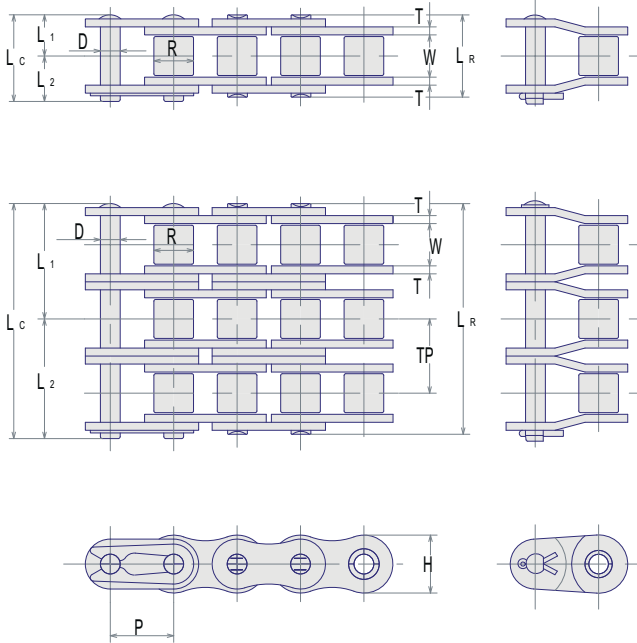
25 (BUSHED CHAIN)

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	TP	Lbs	Lbs	Lbs/ft	
25	1/4	1/8	.125	.090	.300	.339	.150	.189	.230	.030	□	1,020	136	.09
25-2					.552	.591	.276	.315			.252	2,037	230	.18

35 (BUSHED CHAIN)

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Bushing		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
P	W	R	D	LR	LC	L1	L2	H	T	TP	Lbs	Lbs	Lbs/ft	
35	3/8	3/16	.200	.141	.472	.508	.236	.272	.347	.050	□	2,400	560	.23
35-2					.874	.906	.437	.469			.398	4,800	950	.42
35-3					1.268	1.303	.634	.669				7,200	1,400	.62
35-4					1.669	1.701	.835	.866				9,600	1,850	.82
35-5					2.063	2.094	1.031	1.063				12,000	2,180	1.05
35-6					2.465	2.500	1.232	1.268				14,400	2,580	1.27

※Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	40	41
1 Unit □10'□	240P	240P
On a Reel	100'	100'

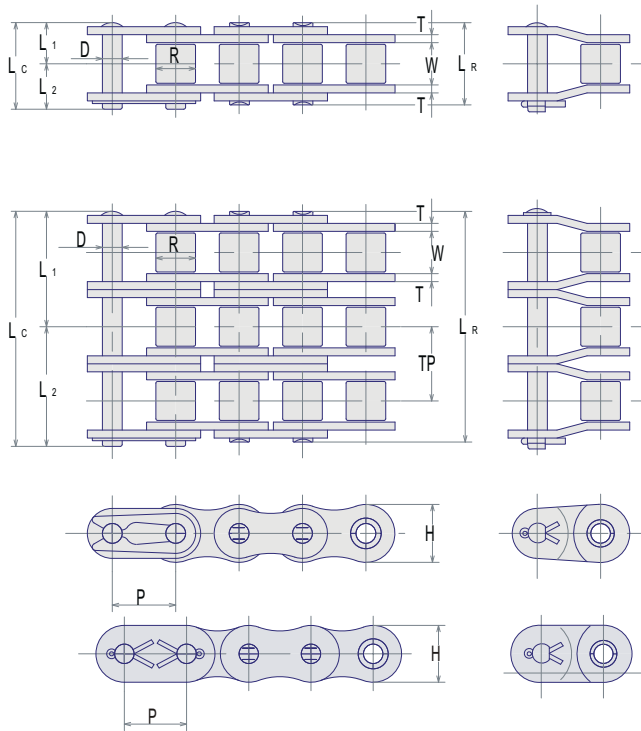
40

Chain No. (ANSI)	Dimensions - inch											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	Lbs	Lbs	Lbs/ft	
40	1/2	5/16	.312	.156	.654	.705	.327	.378	.463	.060	□	4,300	940	.40
40-2					1.213	1.268	.606	.661			.567	8,600	1,600	.82
40-3					1.772	1.835	.886	.949				12,900	2,350	1.24
40-4					2.362	2.394	1.181	1.213				17,200	3,100	1.65
40-5					2.937	2.976	1.469	1.508				21,500	3,670	2.11
40-6					3.504	3.539	1.752	1.787				25,800	4,320	2.54

41

Chain No. (ANSI)	Dimensions - inch											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	Lbs	Lbs	Lbs/ft	
41	1/2	1/4	.306	.141	.472	.579	.266	.313	.347	.050	□	2,560	485	.27

※Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	50	60
1 Unit □ 10' □	192P	160P
On a Reel	100'	100'

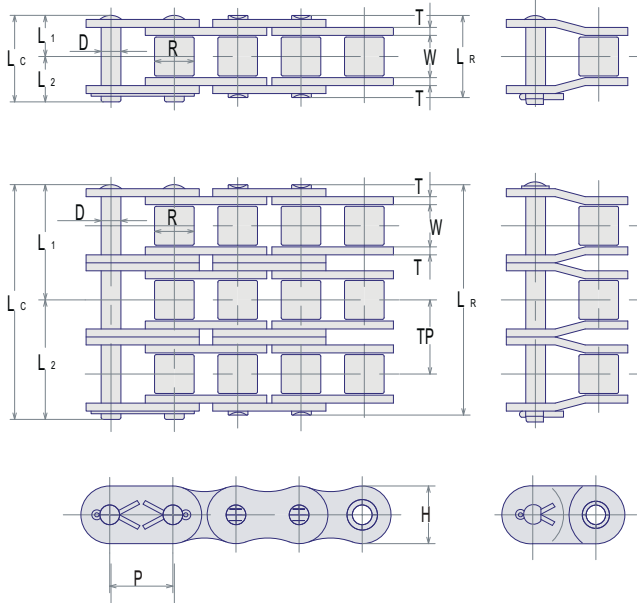
50

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Rollre		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length		Height	Thick.						
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
50	5/8	3/8	.400	.200	.800	.863	.400	.463	.577	.080	□	7,200	1,620	0.98
50-2					1.504	1.583	.752	.831			.712	14,400	2,750	2.00
50-3					2.232	2.288	1.116	1.172				21,600	4,050	3.07
50-4					2.952	2.983	1.476	1.507				28,800	5,350	3.97
50-5					3.668	3.707	1.834	1.873				36,000	6,320	5.02
50-6					4.386	4.432	2.193	2.239				43,200	7,450	6.01

60

Chain No. (ANSI)	Dimensions - inch											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			
60	3/4	1/2	.469	.234	1.000	1.059	.504	.555	.691	.094	□	9,900	2,470	.98
60-2					1.890	1.957	.945	1.012			.898	19,800	4,200	1.98
60-3					2.772	2.858	1.386	1.472				29,700	6,180	2.98
60-4					3.716	3.756	1.858	1.898				39,600	8,150	3.98
60-5					4.608	4.654	2.304	2.350				49,500	9,630	4.98
60-6					5.520	5.547	2.760	2.787				59,400	11,360	5.98
60-8					7.284	7.347	3.642	3.705				77,500	12,000	6.98
60-10					9.086	9.141	4.543	4.598				96,800	14,500	7.98

※Refer to page 72. "Selection of offset link"
Cotter Pin connecting links also available



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	80	100
1 Unit □10'□	120P	96P

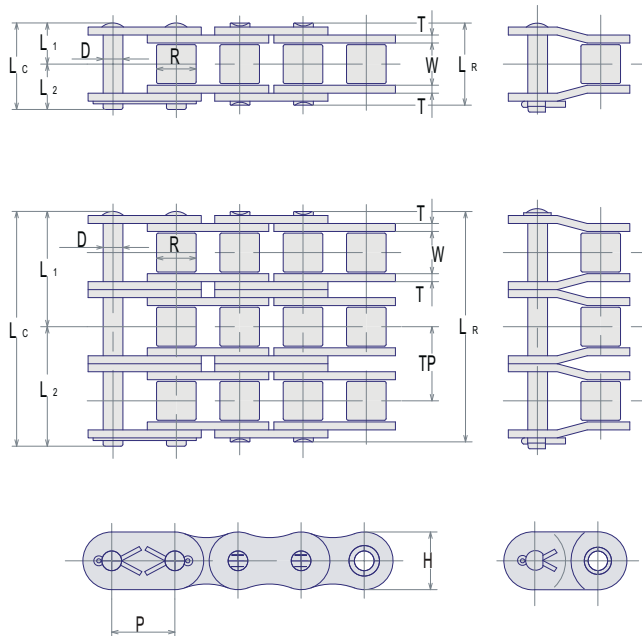
80

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Dia.	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	TP	Lbs	Lbs	Lbs/ft	
80	1	5/8	.625	.312	1.276	1.388	.638	.750	.921	.125	□	17,600	4,290	1.69
80-2					2.426	2.540	1.213	1.327			1.153	35,200	7,040	3.43
80-3					3.580	3.745	1.790	1.955				52,800	10,350	5.16
80-4					4.742	4.863	2.371	2.492				70,400	13,660	6.89
80-5					5.898	6.016	2.949	3.067				88,000	16,150	8.63
80-6					7.052	7.170	3.526	3.644				105,600	19,040	10.36
80-8					9.354	9.472	4.677	4.795				141,000	20,400	11.83
80-10					11.662	11.780	5.831	5.949				176,400	24,700	13.52

100

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load※	Average Chain Weight
	Pitch	Roller		Dia.	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	TP	Lbs	Lbs	Lbs/ft	
100	1-1/4	3/4	.750	.375	1.544	1.685	.772	.913	1.154	.156	□	26,400	6,600	2.62
100-2					2.950	3.102	1.475	1.627			1.409	52,800	10,800	5.19
100-3					4.360	4.512	2.180	2.332				79,200	15,900	7.77
100-4					5.804	5.938	2.902	3.036				105,600	20,990	10.33
100-5					7.206	7.347	3.603	3.744				132,000	24,800	12.92
100-6					8.616	8.756	4.308	4.448				158,400	29,260	15.49
100-8					11.434	11.579	5.717	5.862				212,000	31,400	20.67
100-10					14.252	14.398	7.126	7.272				265,000	38,200	23.24

※Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	120	140
1 Unit(10')	80P	68P

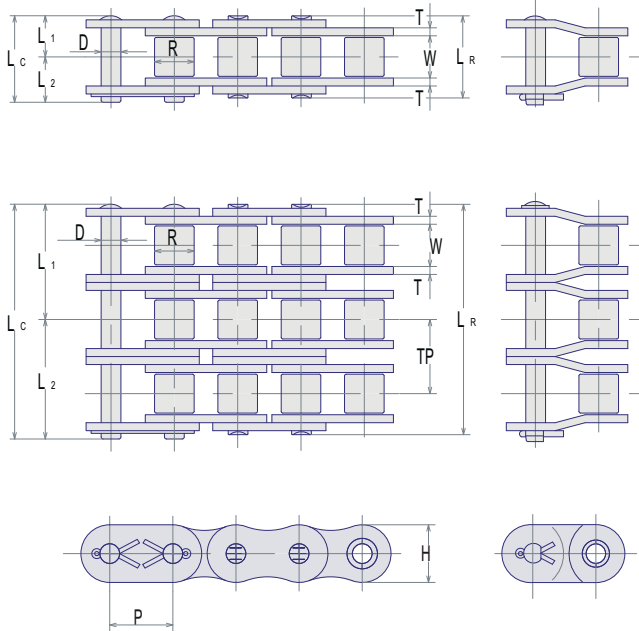
120

Chain No. (ANSI)	Dimensions - inch											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			
120	1-1/2	1	.875	.437	1.942	2.095	.971	1.124	1.382	.187	□	39,000	8,880	3.87
120-2					3.740	2.890	1.870	1.020			1.787	78,000	14,520	7.71
120-3					5.532	5.686	2.766	2.920				117,000	21,350	11.56
120-4					7.328	7.481	3.664	3.817				156,000	28,190	15.40
120-5					9.116	9.268	4.558	4.710				195,000	33,310	19.25
120-6					10.902	11.057	5.451	5.606				234,000	39,280	23.09
120-8					14.472	14.634	7.236	7.398				300,000	42,000	30.69
120-10					18.048	18.209	9.024	9.185				375,000	51,000	38.44

140

Chain No. (ANSI)	Dimensions - inch											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			
140	1-3/4	1	1.000	.500	2.120	2.288	1.060	1.228	1.610	.219	□	50,900	11,700	4.98
140-2					4.056	4.225	2.028	2.197			1.925	101,800	19,230	9.83
140-3					5.966	6.146	2.983	3.163				152,700	28,280	14.72
140-4					7.922	8.091	3.961	4.130				203,600	37,320	19.60
140-5					9.848	10.016	4.924	5.092				254,500	44,110	24.49
140-6					11.772	11.941	5.886	6.055				305,400	52,030	29.38
140-8					15.600	15.780	7.800	7.980				388,400	55,900	34.27
140-10					19.464	19.641	9.732	9.909				485,500	67,800	48.79

*Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	160	180
1 Unit(10')	60P	54P

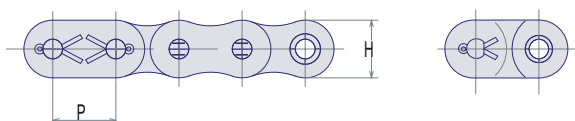
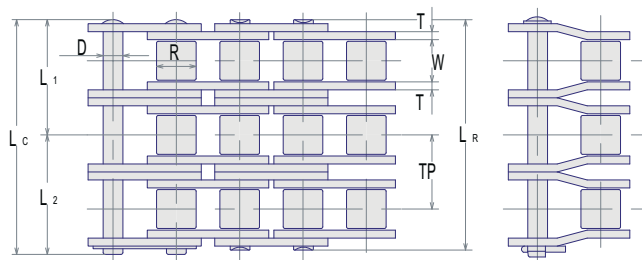
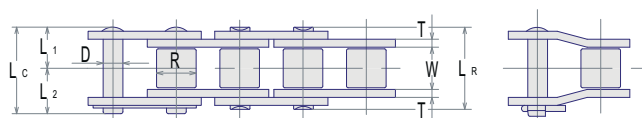
160

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load*	Average Chain Weight
	Pitch	Roller		Dia.	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
160	2	1-1/4	1.125	.562	2.535	2.705	1.268	1.437	1.839	.250	□	63,200	15,500	6.58
160-2					4.835	5.008	2.417	2.591			2.303	126,400	25,330	13.07
160-3					7.142	7.311	3.571	3.740				189,600	37,250	19.60
160-4					9.465	9.634	4.732	4.902				252,800	49,170	26.05
160-5					11.764	11.941	5.882	6.059				316,000	58,110	32.54
160-6					14.071	14.240	7.035	7.205				379,200	68,540	39.03
160-8					18.676	18.850	9.338	9.512				494,500	73,900	45.52
160-10					23.282	23.456	11.641	11.815				618,000	89,400	52.01

180

Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load*	Average Chain Weight
	Pitch	Roller		Dia.	Pin				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
180	2-1/4	1-13/32	1.406	.687	2.858	3.087	1.429	1.658	2.067	.281	□	81,500	17,750	9.00
180-2					5.440	5.670	2.720	2.950			2.587	163,000	28,220	17.89
180-3					8.054	8.276	4.027	4.249				244,500	41,500	26.78
180-4					10.638	10.863	5.319	5.544				326,000	54,780	35.67
180-5					13.226	13.450	6.613	6.837				407,500	64,740	44.56
180-6					15.814	16.037	7.907	8.130				489,000	76,360	53.45

*Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	200	240
1 Unit(10')	48P	40P

200

Chain No. (ANSI)	Dimensions - inch											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			
200	2-1/2	1-1/2	1.562	.781	3.084	3.418	1.542	1.876	2.354	.312	□	105,500	20,900	11.38
200-2					5.906	6.241	2.953	3.288			2.819	211,000	31,620	22.67
200-3					8.722	9.213	4.361	4.852				316,500	46,500	33.96
200-4					11.548	11.906	5.774	6.132				422,000	61,380	45.25
200-5					14.390	14.729	7.195	7.534				527,500	72,540	56.54
200-6					17.210	17.544	8.605	8.939				633,000	85,560	67.83

240

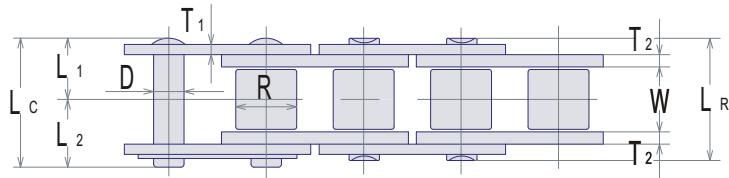
Chain No. (ANSI)	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load*	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length				Height		Thick.			
		P	W	R	D	LR	LC	L1	L2		H			
240	3	1-7/8	1.875	.937	3.800	4.098	1.900	2.198	2.768	.375	□	152,000	29,000	23.64
240-2					7.252	7.551	3.626	3.925			3.457	304,000	43,180	47.13
240-3					10.708	11.008	5.354	5.645				456,000	63,500	70.61
240-4					14.166	14.465	7.083	7.382				608,000	83,820	94.09
240-5					17.624	17.922	8.812	9.110				760,000	99,060	117.56
240-6					21.082	21.379	10.541	10.838				912,000	116,840	141.06

*Refer to page 72. "Selection of offset link"

BS Standard Roller Chains

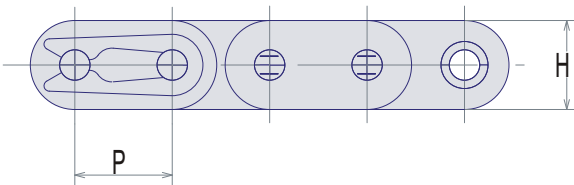
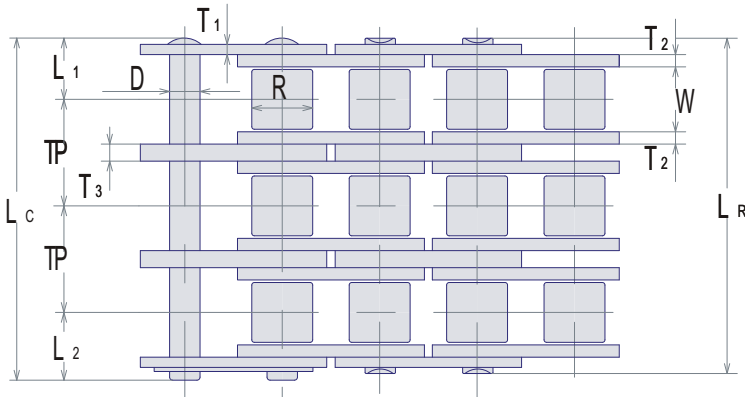
RBL BS standard roller chains are standardized in accordance with ISO 606 B and fully interchangeable with chains manufactured according to BS 228 and DIN 8187.

Supplied, in rivet type, to European countries as well as replacement on machinery employing BS standard chains.



Item	See Page		
Rust Less	31	37	42
Drive Chain Selection	66		67

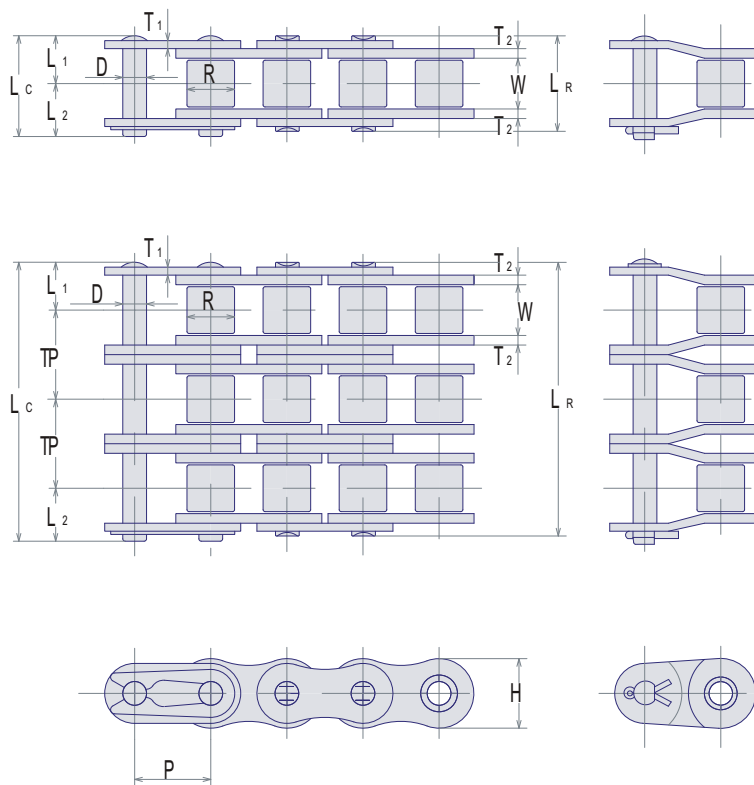
Standard Packing	06B
1 Unit (10')	320P



06B

Chain No. (B S)	Pitch	Dimensions - inch											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	T3	TP	Lbs	Lbs	Lbs/ft	
06B	3/8	.225	.250	.129	.480	.516	.240	.276	.323	.039	.049	.063	.403	2,300	380	.26
-2					.898	.929	.449	.480						4,100	650	.50
-3					1.300	1.327	.650	.677						5,900	940	.74

Curled bushing is used.



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	08B	10B
1 Unit (10')	240P	192P

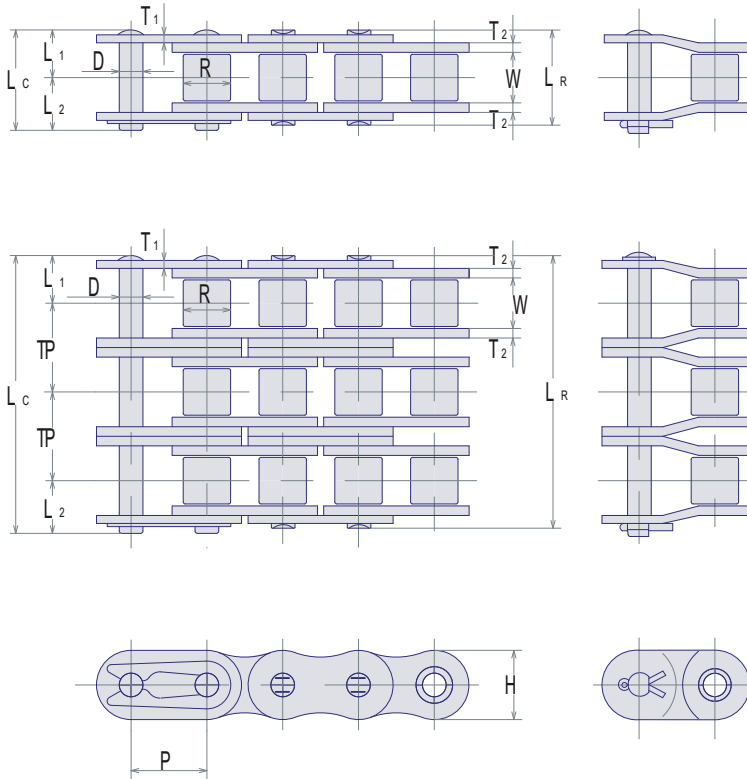
08B

Chain No. (B S)	Pitch P	Dimensions - inch											Minimum Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
		Roller		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length LR LC L1 L2		Height H	Thickness T1 T2							
08B	1/2	.305	.335	.175	.646	.686	.329	.363	.457	.060	.548	4,300	706	.41	
-2					1.204	1.240						7,700	1,200	.85	
-3					1.756	1.787						11,200	1,765	1.26	

10B

Chain No. (B S)	Pitch P	Dimensions - inch											Minimum Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
		Roller		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length LR LC L1 L2		Height H	Thickness T1 T2							
10B	5/8	.380	.400	.200	.750	.810	.375	.435	.571	.065	.653	6,000	1,100	.60	
-2					1.400	1.452						11,400	1,870	1.20	
-3					2.060	2.121						17,100	2,742	1.79	

✘Refer to page 72. "Selection of offset link"



Item	See Page	
Attachment Chain	58	59
Rust Less	31	37 42
SL Self-Lube Chain	44	
SLR Self-Lube Chain	46	48
Drive Chain Selection	66	67
Horsepower Rating	74	

Standard Packing	12B	16B
1 Unit (10')	160P	120P

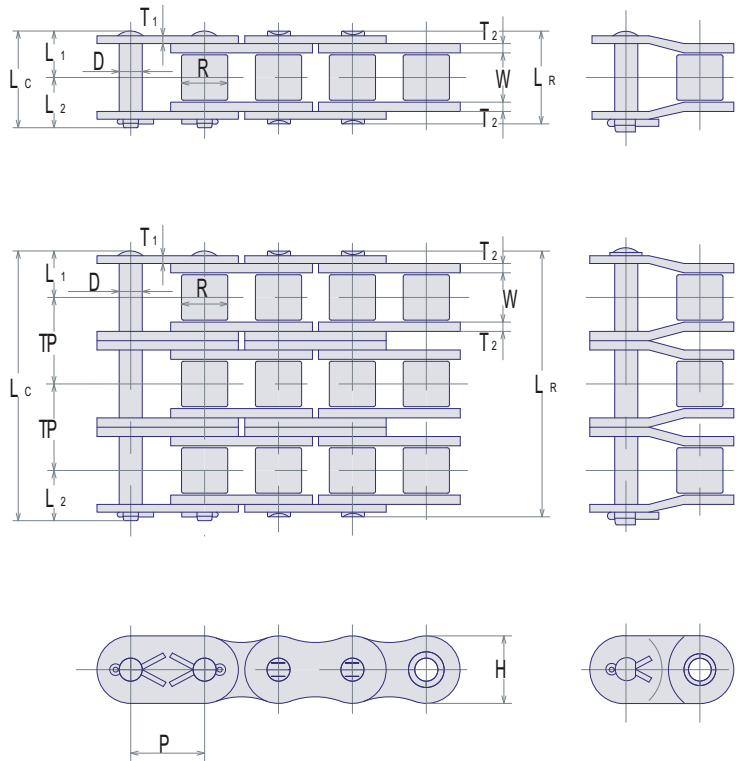
12B

Chain No. (B S)	Pitch P	Dimensions - inch											Minimum Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
		Roller		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length LR LC L1 L2		Height H	Thickness T1 T2							
12B	3/4	.460	.475	.225	.828	.905	.414	.491	.626	.070		.766	7,200	1,580	.77
-2					1.638	1.697							13,700	2,700	1.53
-3					2.402	2.457							20,500	3,950	2.26

16B

Chain No. (B S)	Pitch P	Dimensions - inch											Minimum Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
		Roller		Pin				Plate		Trans. Pitch TP					
		Width W	Dia. R	Dia. D	Length LR LC L1 L2		Height H	Thickness T1 T2							
16B	1	.670	.625	.325	1.382	1.496	.691	.805	.792	.122	.154	1.255	17,500	3,680	1.74
-2					2.646	2.760							33,200	4,800	2.45
-3					3.914	4.028							49,800	7,050	5.16

✕Refer to page 72. "Selection of offset link"



Item	See Page		
Attachment Chain	58	59	
Rust Less	31	37	42
SL Self-Lube Chain	44		
SLR Self-Lube Chain	46	48	
Drive Chain Selection	66	67	
Horsepower Rating	74		

Standard Packing	20B	24B
1 Unit (10')	96P	80P

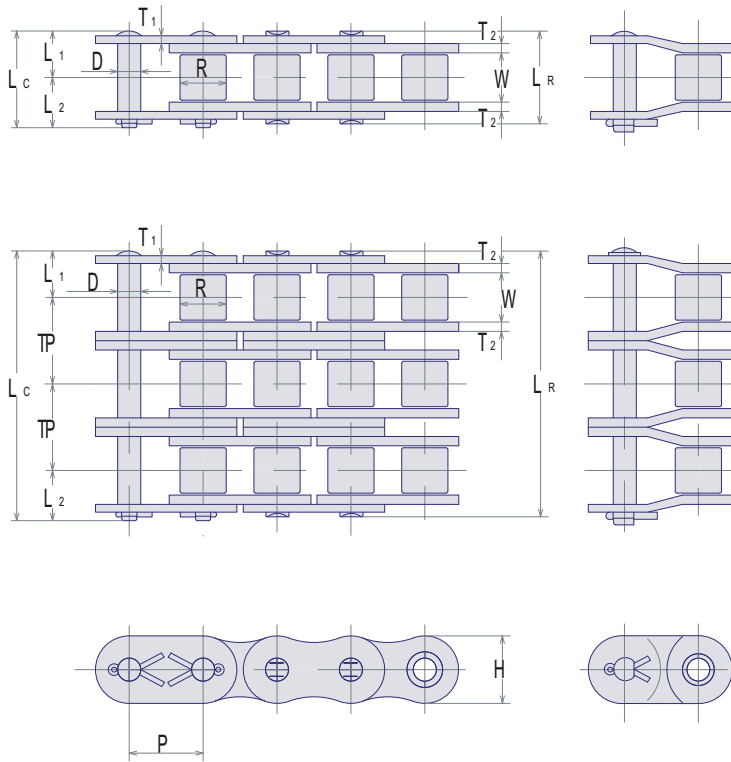
20B

Chain No. (B S)	Pitch	Dimensions - inch											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	Lbs	Lbs	Lbs/ft	
20B	1-1/4	.770	.750	.400	1.582	1.713	.791	.922	1.024	.138	.178	1.435	24,400	5,700	2.53
-2					3.024	3.169							46,300	7,480	4.88
-3					4.464	4.622							69,500	11,015	7.30

24B

Chain No. (B S)	Pitch	Dimensions - inch											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	Lbs	Lbs	Lbs/ft	
24B	1-1/2	1.000	1.000	.576	2.100	2.272	1.050	1.222	1.315	.193	.233	1.904	41,100	8,000	4.90
-2					4.008	4.193							77,900	10,520	9.76
-3					5.914	6.099							116,800	15,460	14.62

✕Refer to page 72. "Selection of offset link"



Item	See Page		
Attachment Chain	58	59	
Rust Less	31	37	42
SL Self-Lube Chain	44		
SLR Self-Lube Chain	46	48	
Drive Chain Selection	66	67	
Horsepower Rating	74		

Standard Packing	28B	32B
1 Unit (10')	68P	60P

28B

Chain No. (B S)	Pitch	Dimensions - inch											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	Lbs	Lbs	Lbs/ft	
28B	1-3/4	1.220	1.100	0.625	2.564	2.807	1.282	1.525	1.440	.250	.291	2.345	54,000	10,000	6.22
-2					4.914	5.229							102,600	13,100	12.40
-3					7.260	7.583							153,900	19,200	18.58

32B

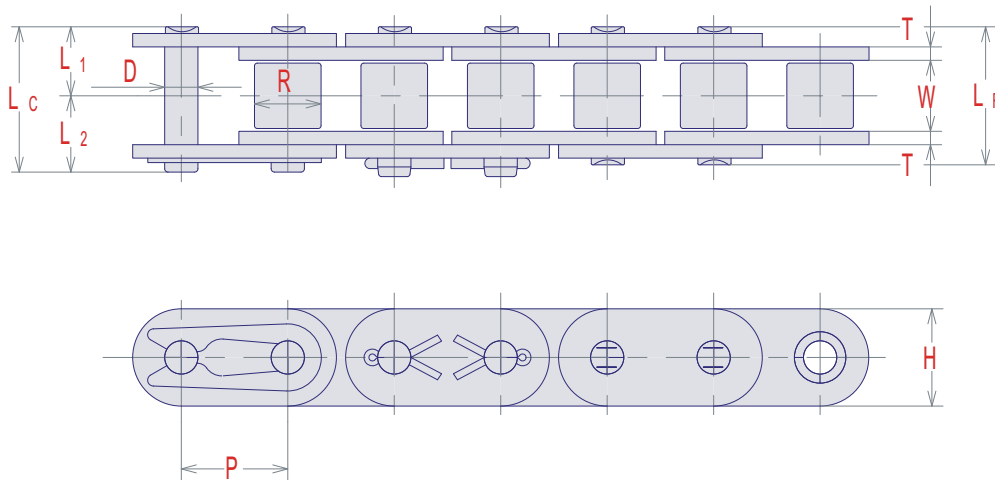
Chain No. (B S)	Pitch	Dimensions - inch											Minimum Ultimate Strength	Maximum Allowable Load	Average Chain Weight
		Roller		Pin					Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thickness						
P	W	R	D	LR	LC	L1	L2	H	T1	T2	TP	Lbs	Lbs	Lbs/ft	
32B	2	1.220	1.150	.701	2.568	2.834	1.284	1.550	1.642	.250	.272	2.305	62,500	11,400	6.68
-2					4.882	5.217							118,700	14,950	13.28
-3					7.188	7.535							178,100	22,000	19.90

※Refer to page 72. "Selection of offset link"

ANSI Straight Sidebar Chains

RBL ANSI straight sidebar chains are identical with ANSI standard chains except for the straight side plates. Provided with higher fatigue resistance than the standard chains.

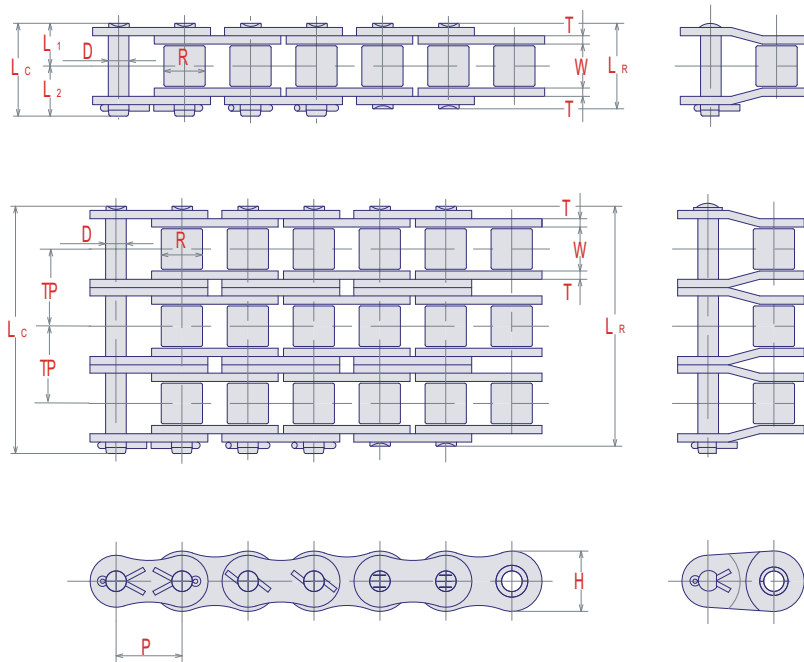
Sprockets for ANSI standard chains may be used for these chains. For identification, a suffix of F is added to the standard chain numbers as listed below.



Chain No.	Dimensions - inch										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				
40F	1/2	.312	.312	.156	.650	.690	.325	.365	.463	.060	4,290	930	.40	Spcl C
50F	5/8	.375	.400	.200	.800	.870	.400	.470	.577	.080	7,100	1,600	.66	
60F	3/4	.500	.469	.234	1.000	1.050	.500	.550	.691	.094	9,600	2,400	.98	
80F	1	.625	.625	.312	1.280	1.390	.640	.750	.921	.125	17,600	4,100	1.70	
100F	1-1/4	.750	.750	.375	1.540	1.690	.770	.920	1.154	.156	26,500	6,300	2.60	
120F	1-1/2	1.000	.875	.437	1.940	2.100	.970	1.130	1.382	.187	37,500	8,500	3.90	

Heavy Series Roller Chains (H Series)

RBL H-series roller chains are provided with greater shock and wear resistance and high breaking strength for general purpose applications. The side plate thickness is equal to the next larger ANSI roller chains and through-hardened high-tensile structural steel pins realize strong power transmission in limited equipment space, showing excellent shock absorption and fatigue strength and high ultimate strength of as much as 110-120 percent. Single roller chains of this series run on standard single roller chain sprockets.



SINGLE STRANDS

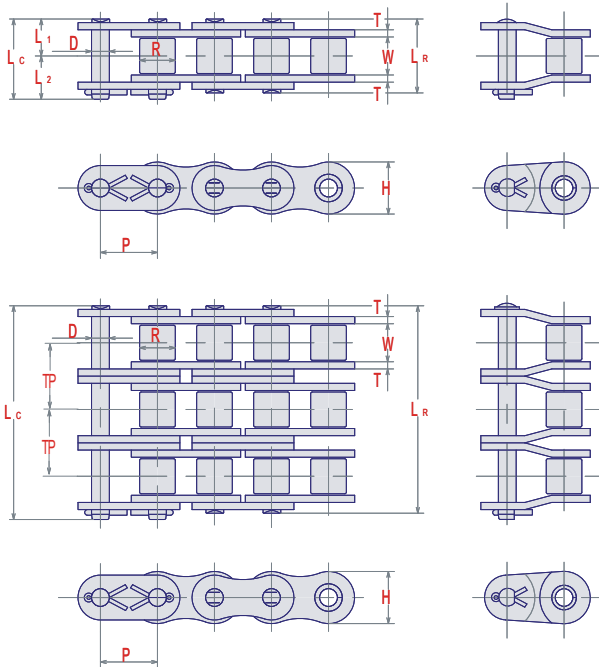
Chain No.	Dimensions - inch										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight	Type of Conn Link
	Pitch	Roller		Pin				Plate						
		Width	Dia.	Dia.	Length		Height	Thick.						
P	W	R	D	LR	LC	L1	L2	H	T	Lbs	Lbs	Lbs/ft		
50H	5/8	.375	.400	.200	.874	.949	.437	.512	.577	.094	7,800	1,400	.87	C
60H	3/4	.500	.469	.234	1.288	1.209	.565	.644	.689	.125	12,300	2,400	1.21	
80H	1	.625	.625	.312	1.398	1.516	.699	.817	.921	.156	20,200	4,100	1.89	
100H	1-1/4	.750	.750	.375	1.662	1.800	.831	.969	1.154	.187	30,700	6,300	2.78	
120H	1-1/2	1.000	.875	.437	2.072	2.244	1.036	1.208	1.382	.219	41,800	8,500	3.92	
140H	1-3/4	1.000	1.000	.500	2.244	2.426	1.122	1.304	1.610	.250	54,100	11,300	5.65	
160H	2	1.250	1.125	.562	2.666	2.867	1.333	1.534	1.839	.281	68,700	14,900	7.30	
180H	2-1/4	1.406	1.406	.687	2.980	3.213	1.490	1.723	2.067	.312	83,800	15,800	10.20	
200H	2-1/2	1.500	1.562	.781	3.332	3.670	1.666	2.004	2.354	.375	116,900	18,500	12.00	S
240H	3	1.875	1.875	.937	4.322	4.653	2.161	2.492	2.767	.500	163,200	25,300	21.63	

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

MULTIPLE STRANDS

Chain No.	Dimensions - inch											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				Lbs	Lbs
60H-2	3/4	.500	.469	.234	2.154	2.242	1.077	1.165	.689	.125	1.028	24,700	3,400	2.40		
60H-3					3.174	3.272	1.587	1.685				37,000			5,000	3.60
60H-4					4.220	4.309	2.110	2.199				49,400			6,600	4.18
80H-2	1	.625	.625	.312	2.692	2.807	1.346	1.461	.921	.156	1.283	40,400	5,800	3.71		
80H-3					3.976	4.094	1.988	2.106				60,900			8,500	5.53
80H-4					5.260	5.382	2.630	2.752				81,100			11,285	7.36
80H-5					6.542	6.664	3.271	3.393				101,300			13,300	9.19
80H-6					7.826	7.948	3.913	4.035				121,600			15,700	11.00
80H-8					10.394	10.516	5.197	5.319				162,300			21,100	14.70
100H-2					1-1/4	.750	.750	.375				3.212			3.346	1.606
100H-3	4.756	4.898	2.378	2.520					93,000	12,900	8.21					
100H-4	6.220	6.397	3.110	3.287					123,000	17,000	10.90					
100H-5	7.818	7.964	3.909	4.055					153,900	20,100	13.70					
100H-6	9.378	9.519	4.689	4.830					184,700	23,800	16.40					
100H-8	12.456	12.598	6.228	6.370					246,300	32,100	21.80					
100H-10	15.818	15.676	7.909	7.767					308,000	38,800	27.30					
120H-2	1-1/2	1.000	.875	.437	4.020	4.177	2.010	2.167	1.382	.219	1.925	83,600	12,000	7.75		
120H-3					5.930	6.087	2.965	3.122				125,400			17,600	10.60
120H-4					7.842	8.000	3.921	4.079				167,200			23,300	15.40
120H-5					9.756	9.945	4.878	5.067				209,000			27,600	17.30
120H-6					11.716	11.886	5.858	6.028				250,800			32,300	23.10
120H-8					15.566	15.735	7.783	7.952				334,000			43,800	30.80
120H-10					19.418	19.587	9.709	9.878				418,000			53,000	38.50
140H-2	1-3/4	1.000	1.000	.500	4.310	4.492	2.155	2.337	1.610	.250	2.055	108,300	15,700	11.10		
140H-3					6.370	6.551	3.185	3.366				162,500			23,100	16.60
140H-4					8.426	8.611	4.213	4.398				216,000			30,500	22.10
140H-5					10.480	10.665	5.240	5.425				270,800			36,100	27.60
140H-6					12.536	12.721	6.268	6.453				325,000			42,700	33.10
140H-8					16.646	16.831	8.323	8.508				433,000			57,300	44.10
160H-2	2	1.250	1.125	.562	5.110	5.315	2.555	2.760	1.839	.281	2.437	137,500	20,900	14.20		
160H-3					7.552	7.748	3.776	3.972				206,000			30,800	21.10
160H-4					9.992	10.189	4.996	5.193				275,000			40,600	28.10
160H-6					14.866	15.063	7.433	7.630				412,700			56,800	41.90
180H-2	2-1/4	1.406	1.406	.687	5.688	5.915	2.844	3.071	2.067	.312	2.700	167,700	22,900	20.80		
180H-3					8.378	8.610	4.189	4.421				251,500			33,500	30.10
180H-4					11.078	11.315	5.539	5.776				335,000			44,200	40.10
200H-2	2-1/2	1.500	1.562	.781	6.424	6.764	3.212	3.552	2.354	.375	3.083	233,800	28,550	23.60		
200H-3					9.504	9.854	4.752	5.102				350,000			41,800	41.90
200H-4					12.590	12.937	6.295	6.642				467,000			55,300	46.90
240H-2	3	1.875	1.875	.937	8.292	8.607	4.146	4.461	2.767	.500	3.984	326,400	38,800	41.60		
240H-3					12.208	12.527	6.104	6.423				489,000			57,300	61.50
240H-4					16.276	16.606	8.138	8.468				652,000			75,500	81.50

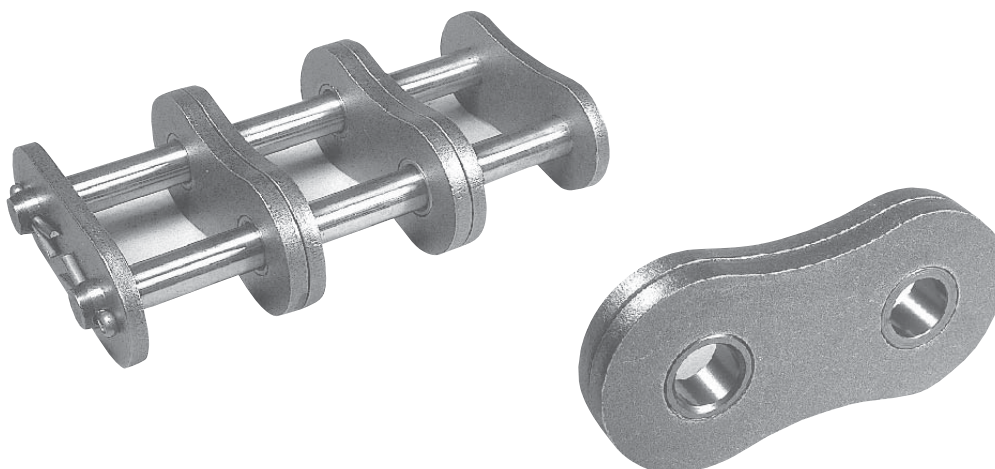
Oil-Field Chains (E Series)



RBL Oil-field chains are manufactured in accordance with ANSI, API standards, and officially approved by The American Petroleum Institute for high quality, reliability and long trouble-free service life. Used in oil-field drilling and producing operations such as hoisting, pumping and drawworks. RBL E & HE-series roller chains are manufactured in the same standards as Oil-field chains.

E TYPE

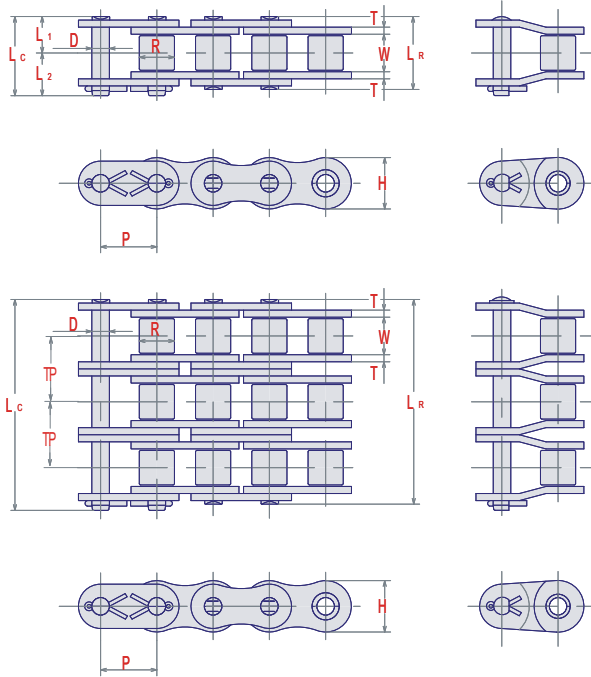
Chain No.	Dimensions - inch											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin Dia.	Pin Length				Plate		Trans. Pitch			
		Width	Dia.		LR	LC	L1	L2	Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	TP	Lbs	Lbs	Lbs/ft	
80E	1	.625	.625	.312	1.291	1.398	.646	.752	.921	.125	□	17,850	4,136	1.69
80E-2					2.425	2.539	1.213	1.327			1.153	35,745	6,002	3.42
80E-3					3.579	3.705	1.791	1.913				53,505	8,835	5.15
80E-4					4.740	4.862	2.370	2.492				71,489	11,645	6.87
80E-5					5.898	6.016	2.949	3.067				89,249	13,758	8.60
80E-6					7.051	7.169	3.528	3.642				107,009	16,231	10.33
80E-8					9.354	9.472	4.677	4.795				142,754	21,874	13.79
100E	1-1/4	.750	.750	.375	1.551	1.693	.776	.917	1.154	.156	□	26,752	6,362	2.62
100E-2					2.957	3.102	1.480	1.622			1.409	53,505	9,172	5.19
100E-3					4.366	4.512	2.185	2.327				80,257	13,489	7.76
100E-4					5.803	5.937	2.902	3.035				107,009	17,805	10.32
100E-5					7.205	7.346	3.602	3.744				133,761	21,042	12.90
100E-6					8.614	8.756	4.307	4.449				160,514	24,729	15.48
100E-8					11.433	11.579	5.717	5.862				214,018	33,497	20.64
100E-10					14.252	14.398	7.126	7.272				267,523	40,466	25.82
120E	1-1/2	1.000	.875	.437	1.949	2.102	.976	1.126	1.382	.187	□	39,117	8,543	3.86
120E-2					3.736	3.890	1.870	2.020			1.787	78,233	12,185	7.70
120E-3					5.524	5.677	2.764	2.913				117,350	17,940	11.52
120E-4					7.327	7.480	3.665	3.815				156,467	23,605	15.36
120E-5					9.114	9.268	4.559	4.709				195,584	27,876	19.20
120E-6					10.902	11.055	5.453	5.602				234,700	33,047	23.02
120E-8					14.469	14.634	7.236	7.398				312,934	44,512	30.69
120E-10					18.043	18.209	9.024	9.185				391,167	53,729	38.44



BCL Connecting links provided with press-fit chains

Chain No.	Dimensions - inch											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			
140E	1-3/4	1.000	1.000	.500	2.126	2.295	1.063	1.232	1.610	.219	□	51,032	11,308	4.96
140E-2					4.056	4.221	2.028	2.193			1.925	102,063	16,456	9.80
140E-3					5.976	6.153	2.988	3.165			153,095	24,279	14.68	
140E-4					7.922	8.091	3.961	4.130			204,126	31,923	19.54	
140E-5					9.850	10.016	4.925	5.091			225,158	37,768	24.42	
140E-6					11.772	11.941	5.886	6.055			306,190	44,512	29.29	
140E-8					15.614	15.791	7.807	7.984			408,253	60,024	39.05	
160E	2	1.250	1.125	.562	2.536	2.705	1.268	1.437	1.839	.250	□	66,094	14,905	6.56
160E-2					4.834	5.008	2.417	2.591			2.303	132,188	21,357	13.03
160E-3					7.142	7.311	3.571	3.740			198,281	31,473	19.54	
160E-4					9.464	9.634	4.732	4.902			264,375	41,365	25.98	
160E-6					11.764	11.941	5.882	6.059			396,563	57,776	38.91	
180E					2-1/4	1.406	1.406	.687			2.858	3.086	1.429	1.657
180E-2	5.440	5.669	2.720	2.949					2.587	163,211	22,931	17.84		
180E-3	8.056	8.276	4.028	4.248					244,817	33,721	26.70			
180E-4	10.638	10.862	5.319	5.543					326,423	44,287	35.56			
200E	2-1/2	1.500	1.562	.781	3.094	3.425	1.547	1.878	2.354	.312	□	105,660	18,502	11.34
200E-2					5.914	6.248	2.957	3.291			2.816	211,320	29,225	22.60
200E-3					8.732	9.063	4.366	4.697			316,981	42,938	33.86	
200E-4					11.552	11.906	5.776	6.130			422,641	56,652	45.12	
240E	3	1.875	1.875	.937	3.796	4.099	1.898	2.201	2.768	.375	□	152,196	25,358	15.84
240E-2					7.252	7.551	3.626	3.925			3.457	304,391	40,241	31.58
240E-3					10.708	11.008	5.354	5.654			456,587	59,125	47.31	
240E-4					14.166	14.465	7.083	7.382			608,783	78,009	63.04	

OIL-FIELD CHAINS(HE SERIES)



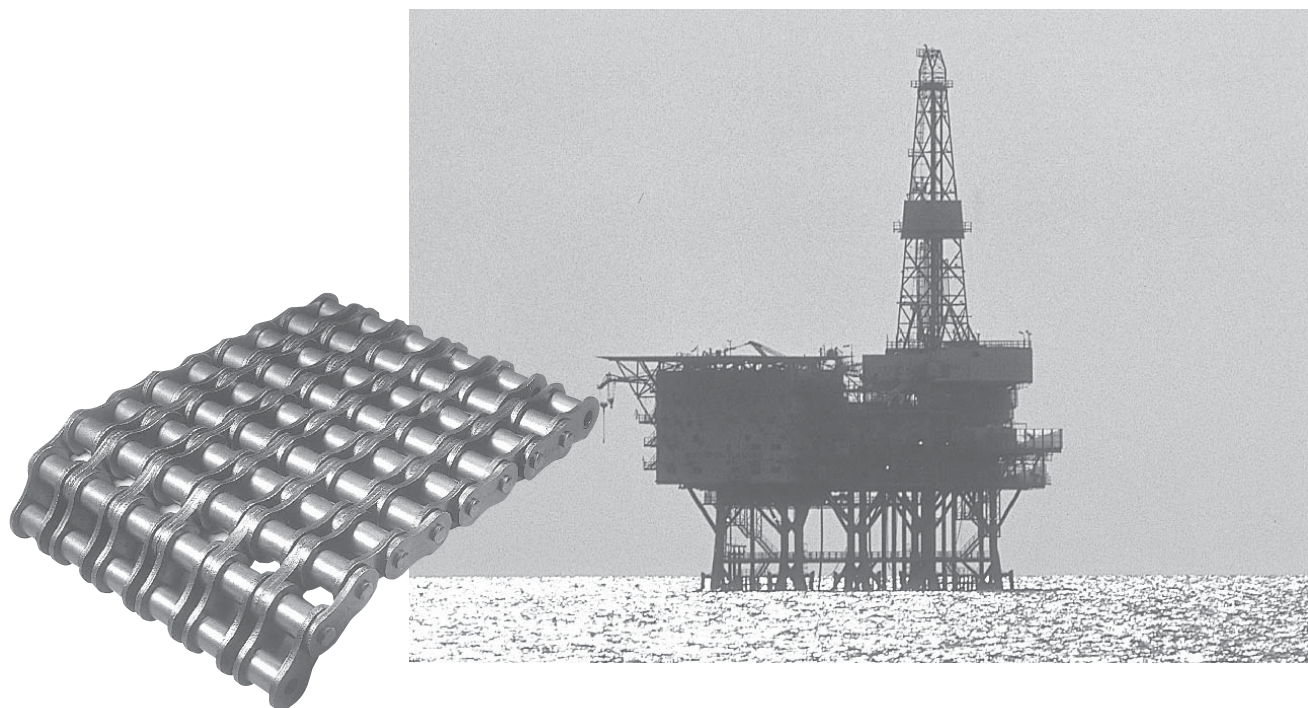
RBL Heavy series roller chains are designed with thicker side plates to insure greater capacity for absorbing shock loads without fatigue failure of side plates. Also manufactured to close tolerances in accordance with ANSI specifications and are mainly used for applications where space and design limitations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

HE TYPE

Chain No.	Dimensions - inch											Average Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
					LR	LC	L1	L2						
80HE	1	.625	.625	.312	1.402	1.532	.701	.831	.921	.156	□	20,952	4,136	1.88
80HE-2					2.692	2.807	1.346	1.461			1.283	41,814	6,385	3.71
80HE-3					3.976	4.094	1.988	2.106				62,946	9,397	5.53
80HE-4					5.260	5.382	2.630	2.752				83,854	12,387	7.36
80HE-5					6.544	6.666	3.272	3.394				104,761	14,635	9.19
80HE-6					7.826	7.948	3.913	4.035				125,668	17,265	11.01
80HE-8					10.394	10.516	5.197	5.319				167,707	23,380	14.66
100HE	1-1/4	.750	.750	.375	1.662	1.800	.831	.969	1.154	.187	□	31,923	6,362	2.77
100HE-2					3.212	3.346	1.606	1.740			1.539	63,846	10,139	5.49
100HE-3					4.756	4.898	2.378	2.520				95,769	14,905	8.21
100HE-4					6.276	6.425	3.138	3.287				127,691	19,671	10.94
100HE-5					7.818	7.964	3.909	4.055				159,614	23,155	13.66
100HE-6					9.378	9.520	4.689	4.831				191,537	27,427	16.38
100HE-8					12.456	12.598	6.228	6.370				255,383	36,869	21.83
100HE-10					15.536	15.677	7.768	7.909				319,229	44,737	27.27
120HE	1-1/2	1.000	.875	.437	2.070	2.244	1.035	1.209	1.382	.219	□	42,938	8,543	3.91
120HE-2					4.016	4.177	2.008	2.169			1.925	85,877	13,106	7.75
120HE-3					5.930	6.087	2.965	3.122				128,815	19,289	11.58
120HE-4					7.842	8.019	3.921	4.098				171,754	25,403	15.42
120HE-5					9.756	9.945	4.878	5.067				214,692	30,124	19.26
120HE-6					11.716	11.870	5.858	6.012				257,631	35,520	23.10
120HE-8					15.566	15.736	7.783	7.953				343,508	47,884	30.78
120HE-10					19.418	19.587	9.709	9.878				429,385	57,776	38.46

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

Chain No.	Dimensions - inch											Average Ultimate Strength Lbs	Maximum Allowable Load Lbs	Average Chain Weight Lbs/ft
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
140HE	1-3/4	1.000	1.000	.500	2.244	2.425	1.122	1.303	1.610	.250	2.055	56,600	11,300	5.63
140HE-2					4.307	4.488	2.154	2.335				113,300	17,200	11.12
140HE-3					6.370	6.551	3.185	3.366				170,000	25,400	16.60
140HE-4					8.425	8.610	4.213	4.398				226,600	33,500	22.08
140HE-5					10.480	10.665	5.240	5.425				283,300	39,600	27.57
140HE-6					12.535	12.720	6.268	6.453				340,000	46,500	33.05
140HE-8					16.646	16.831	8.323	8.508				453,200	62,900	44.07
160HE					2	1.250	1.125	.562				2.669	2.874	1.335
160HE-2	5.110	5.311	2.555	2.756					143,400	22,500	14.21			
160HE-3	7.551	7.748	3.776	3.972					215,100	33,000	21.13			
160HE-4	9.992	10.189	4.996	5.193					286,800	43,600	28.07			
160HE-6	14.866	15.063	7.433	7.630					430,200	60,700	41.93			
180HE	2-1/4	1.406	1.406	.687					2.984	3.205	1.492	1.713	2.067	.312
180HE-2					5.677	5.898	2.839	3.059	198,300	27,200	20.14			
180HE-3					8.378	8.610	4.189	4.421	297,400	40,200	30.11			
180HE-4					11.079	11.315	5.539	5.776	396,500	53,000	40.09			
200HE					2-1/2	1.500	1.562	.781	3.346	3.673	1.673	2.000		
200HE-2	6.425	6.772	3.213	3.559					251,300	31,000	23.58			
200HE-3	9.504	9.854	4.752	5.102					377,000	45,800	35.20			
200HE-4	12.591	12.937	6.295	6.642					502,600	60,400	46.86			
240HE	3	1.875	1.875	.936					4.378	4.630	2.189	2.441	2.768	.500
240HE-2					8.331	8.618	4.165	4.453	397,000	43,100	41.58			
240HE-3					12.307	12.602	6.154	6.449	595,500	63,600	61.52			
240HE-4					16.299	16.587	8.150	8.437	794,000	83,800	81.46			



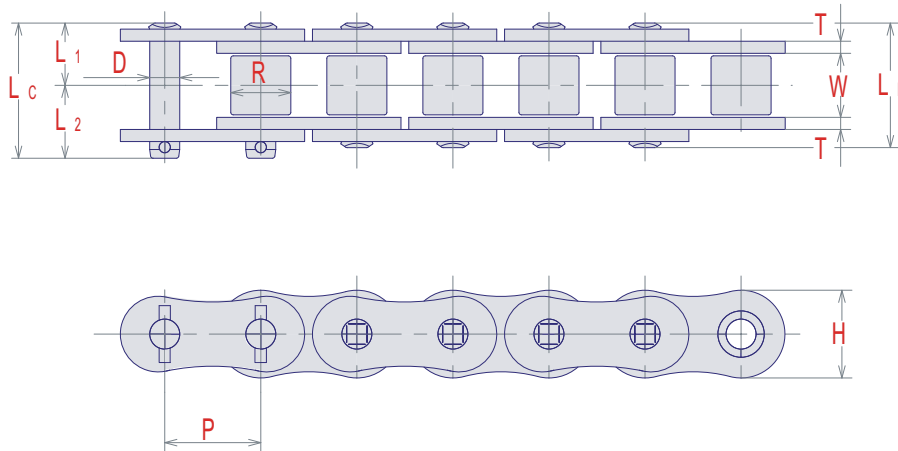


PREMIUM

SUPER ROLLER CHAINS

RBL Super standard series roller chains are developed to offer you longer service life , thus leading to labour-savings. Thorough consideration to fitting portions, and the use of high-grade special alloy steel components, ensure the chain's greater resistance to fatigue and shock. Operate on standard roller chain sprockets.

RBL super heavy series roller chains provided with link plates of next larger chain size promise you higher performance and superior quality.



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

SINGLE STRANDS

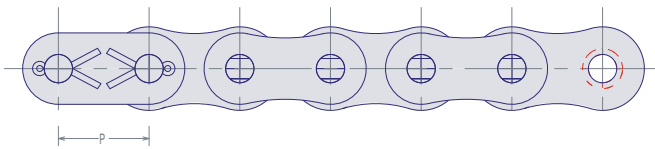
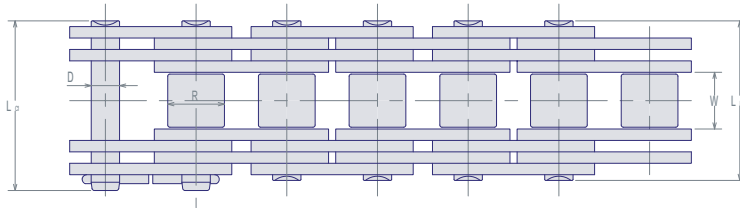
Chain No. (ANSI)	Dimensions - inch										Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate					
		Width	Dia.	Dia.	Length			Height	Thick.				
P	W	R	D	LR	LC	L1	L2	H	T	Lbs	Lbs	Lbs/ft	
SUPER 80	1	.625	.625	.312	1.280	1.400	.640	.760	.949	.125	18,900	4,180	1.89
SUPER 100	1-1/4	.750	.750	.375	1.584	1.694	.792	.902	1.185	.156	28,600	6,830	2.87
SUPER 120	1-1/2	1.000	.875	.437	1.986	2.131	.993	1.138	1.425	.187	41,800	8,810	4.24
SUPER 140	1-3/4	1.000	1.000	.500	2.150	2.324	1.075	1.249	1.661	.219	55,100	12,100	5.41
SUPER 160	2	1.250	1.125	.562	2.556	2.731	1.278	1.453	1.898	.250	70,500	15,800	7.26
SUPER 200	2-1/2	1.500	1.562	.781	3.124	3.326	1.562	1.764	2.374	.312	110,200	21,100	11.83
SUPER 240	3	1.875	1.875	.936	3.796	4.084	1.898	2.186	2.850	.375	163,100	29,700	17.21
SUPER 80H	1	.625	.625	.312	1.398	1.530	.699	.831	.949	.156	22,000	4,630	2.22
SUPER 100H	1-1/4	.750	.750	.375	1.714	1.842	.857	.985	1.185	.187	32,600	7,280	3.28
SUPER 120H	1-1/2	1.000	.875	.437	2.116	2.279	1.058	1.221	1.425	.219	44,000	9,480	4.67
SUPER 140H	1-3/4	1.000	1.000	.500	2.280	2.452	1.140	1.312	1.661	.250	57,300	12,800	5.97
SUPER 160H	2	1.250	1.125	.562	2.694	2.887	1.347	1.540	1.989	.281	72,700	16,500	7.87

Double Capacity Chains

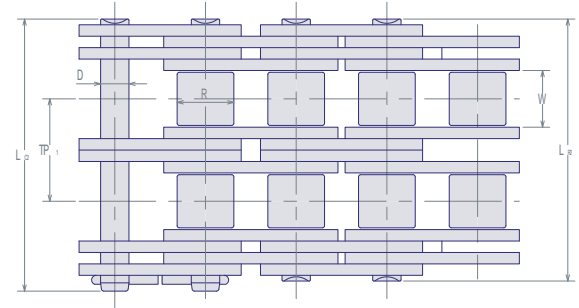
Double Capacity Chain is a single strand chain that offers the same ultimate tensile strength as a double strand chain with a saving of 50%.

Double Capacity Chain consists of twice the number of side plates as single strand chain.

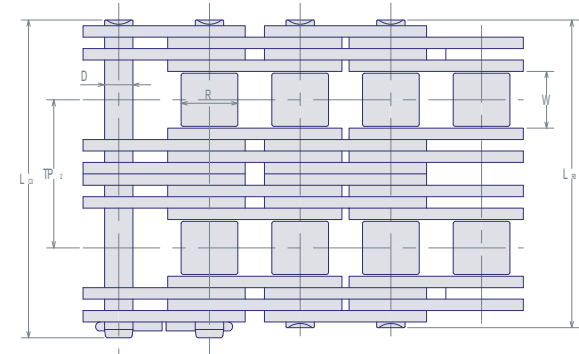
DC(x2)



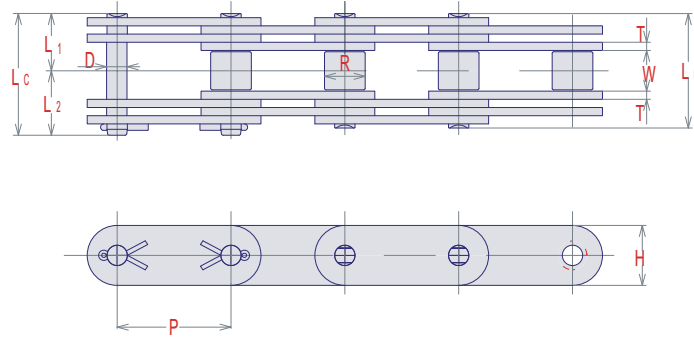
TC(x3)



FC(x4)



Chain No.	Dimensions - inch								Average Ultimate Strength (Lbs)			Maximum Allowable (Lbs)
	Pitch	Roller		Pin		Transverse Pitch		DC	TC	FC		
		Width	Dia.	Dia.	Length	TP1	TP2					
P	W	R	D	LR1	LR2	TP1	TP2	DC	TC	FC	DC	
16BDC · TC · FC	1	.670	.625	.325	1.969	2.094	1.256	1.760	30,800	46,100	61,600	4,400
20BDC · TC · FC	1-1/4	.770	.750	.400	2.205	2.378	1.437	1.988	47,700	71,500	95,300	6,800
24BDC · TC · FC	1-1/2	1.000	1.000	.576	2.969	3.169	1.906	2.677	80,700	120,900	161,400	11,500
28BDC · TC · FC	1-3/4	1.220	1.100	.625	3.661	3.890	2.346	3.339	100,500	150,600	201,000	14,300
32BDC · TC · FC	2	1.220	1.150	.701	3.638	3.878	2.307	3.299	123,400	185,000	246,800	17,600
80DC · TC · FC	1	.625	.625	.312	1.795	1.917	1.154	1.657	35,300	52,700	70,600	5,000
100DC · TC · FC	1-1/4	.750	.750	.375	2.197	2.343	1.409	2.039	52,800	79,100	105,700	7,500
120DC · TC · FC	1-1/2	1.000	.875	.437	2.717	2.886	1.787	2.528	77,100	115,600	154,200	11,000
140DC · TC · FC	1-3/4	1.000	1.000	.500	3.008	3.193	1.925	2.807	101,400	152,000	202,800	14,500
160DC · TC · FC	2	1.250	1.125	.562	3.543	3.744	2.303	3.311	125,700	188,400	251,300	17,900
180DC · TC · FC	2-1/4	1.406	1.406	.687	4.000	4.240	2.591	3.724	163,200	244,800	326,400	23,200
200DC · TC · FC	2-1/2	1.500	1.562	.781	4.378	4.724	2.819	4.079	209,500	314,300	419,000	29,900
240DC · TC · FC	3	1.875	1.875	.937	5.339	5.638	3.457	4.953	304,200	456,100	608,300	43,400

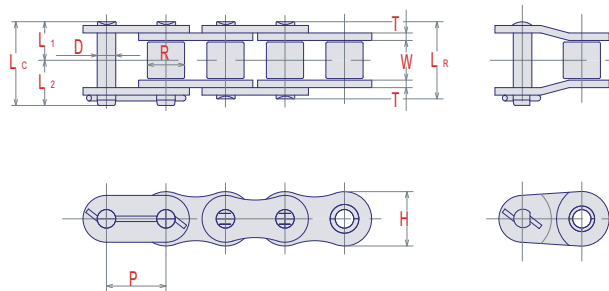


DOUBLE PITCH TYPE

Chain No.	Dimensions - inch										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			
2040 DC	1	.312	.312	.156	.906	.972	.453	.520	.449	.059	8,600	900	.34
2050 DC	1-1/4	.375	.400	.200	1.134	1.201	.567	.634	.591	.079	14,300	1,500	.57
2060H DC	1-1/2	.500	.469	.234	1.661	1.740	.831	.909	.669	.126	24,700	2,600	.98
2080H DC	2	.625	.625	.312	2.047	2.169	1.024	1.146	.890	.157	40,600	4,300	1.68
2100H DC	2-1/2	.750	.750	.375	2.441	2.583	1.220	1.362	1.126	.189	61,600	6,500	2.55
2120H DC	3	1.000	.875	.437	3.063	3.232	1.531	1.701	1.374	.220	83,600	8,800	3.69
2160H DC	4	1.250	1.125	.562	3.835	4.039	1.917	2.122	1.874	.283	137,600	14,500	6.21

S-SERIES ROLLER CHAINS

S-series roller chains are designed for high breaking strength and maximum endurance in pursuit of greater chain rigidity. Combination of plates one size thicker than standard's and thick, tough pins ensures accurate operations and long performance life under harsh, heavy loads. Single strand roller chains of this series run on standard single roller chain sprockets.



Chain No.	Dimensions - inch										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			
251S	2	1.250	1.125	.625	2.678	2.882	1.339	1.543	1.839	.283	75,800	13,200	7.58
264S	2-1/2	1.500	1.562	.875	3.378	3.720	1.689	2.031	2.354	.374	125,000	18,300	12.91