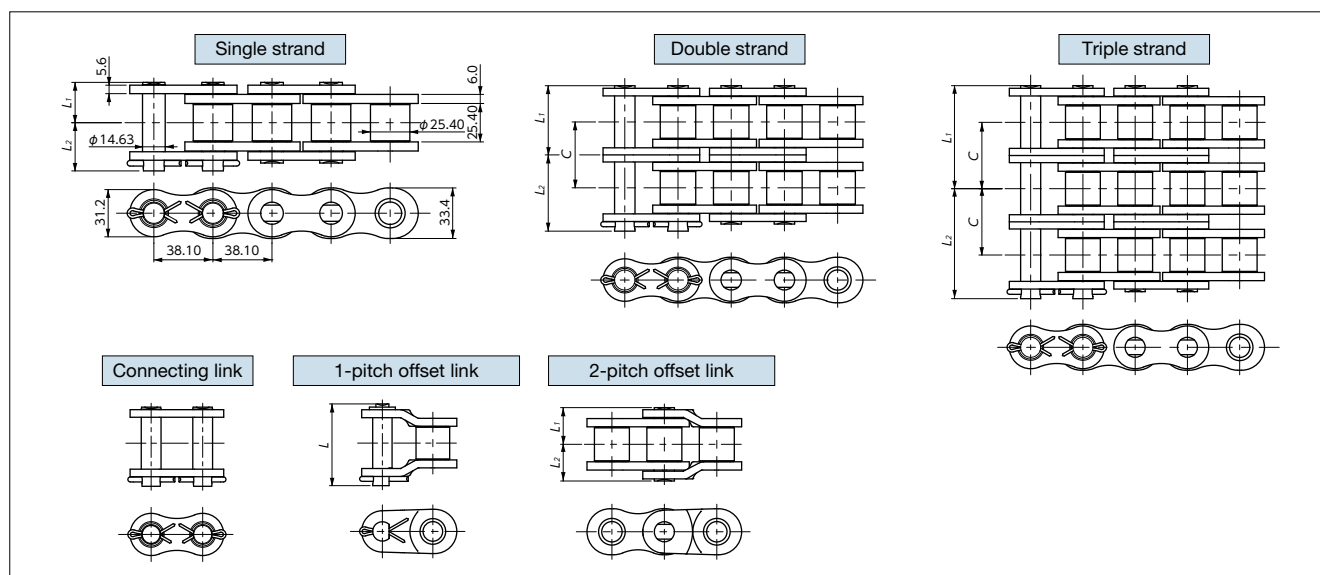




Specifications

Size	Number of strands	Dimensions L_1	Dimensions L_2	Offset pin length L	Transverse pitch C	Min. tensile strength kN{kgf}	ISO "B" tensile strength kN{kgf}	Max. allowable load kN{kgf}	Approx. mass kg/m
RS24B	1	26.65	31.85	61.7		167 {17000}	160 {16300}	27.1 {2760}	7.45
	2	50.8	56.0	112.8	48.36	335 {34100}	280 {28600}	46.1 {4700}	14.65
	3	75.1	80.2	161.1		500 {51000}	425 {43300}	67.8 {6910}	21.75

Note: 1. The thickness of the middle plate differs from the outer plate and the inner plate due to the C dimension.

2. Maximum allowable load when using one-pitch and two-pitch offset links is 60% of the above.

3. Number of links per unit = 80. Items in bold are stocked in units.

RS24B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket max rpm																				
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
Lubrication	AI					AII					B					C				
Small sprocket no. of teeth	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
9	1.10	2.51	4.68	8.74	12.6	16.3	23.5	30.4	37.2	43.5	49.6	55.9	62.5	68.2	73.9	79.7	85.5	91.2	97.0	102.8
10	1.23	2.81	5.25	9.79	14.1	18.3	26.3	34.1	41.7	48.5	54.6	60.6	66.6	72.1	77.6	83.1	88.6	94.1	99.6	105.1
11	1.37	3.12	5.82	10.9	15.6	20.3	29.2	37.8	46.2	53.5	59.4	65.3	71.2	76.6	82.1	87.6	93.1	98.6	104.1	109.6
12	1.50	3.42	6.39	11.9	17.2	22.2	32.0	41.5	50.7	57.6	63.4	69.2	75.0	80.8	86.6	92.4	98.2	104.0	109.8	115.6
13	1.64	3.73	6.97	13.0	18.7	24.3	34.9	45.3	55.3	62.0	67.7	73.4	79.1	84.8	90.5	96.2	101.9	107.6	113.3	119.0
14	1.77	4.04	7.55	14.1	20.3	26.3	37.8	49.0	59.9	66.6	72.3	78.0	83.7	89.4	95.1	100.8	106.5	112.2	117.9	123.6
15	1.91	4.36	8.13	15.2	21.9	28.3	40.8	52.8	64.6	71.3	77.0	82.7	88.4	94.1	99.8	105.5	111.2	116.9	122.6	128.3
16	2.05	4.67	8.72	16.3	23.4	30.4	43.7	56.6	68.4	75.1	80.8	86.5	92.2	97.9	103.6	109.3	115.0	120.7	126.4	132.1
17	2.19	4.99	9.31	17.4	25.0	32.4	46.7	60.5	72.3	79.0	84.7	90.4	96.1	101.8	107.5	113.2	118.9	124.6	130.3	136.0
18	2.33	5.30	9.90	18.5	26.6	34.5	49.6	64.3	76.1	82.8	88.5	94.2	99.9	105.6	111.3	117.0	122.7	128.4	134.1	139.8
19	2.47	5.62	10.5	19.6	28.2	36.5	52.6	68.2	80.0	86.7	92.4	98.1	103.8	109.5	115.2	120.9	126.6	132.3	138.0	143.7
20	2.61	5.94	11.1	20.7	29.8	38.6	55.6	72.1	83.9	90.6	96.3	102.0	107.7	113.4	119.1	124.8	130.5	136.2	141.9	147.6
21	2.75	6.27	11.7	21.8	31.4	40.7	58.6	76.0	87.8	94.5	100.2	105.9	111.6	117.3	123.0	128.7	134.4	140.1	145.8	151.5
22	2.89	6.59	12.3	22.9	33.0	42.8	61.7	79.9	91.7	98.4	104.1	109.8	115.5	121.2	126.9	132.6	138.3	144.0	149.7	155.4
23	3.03	6.91	12.9	24.1	34.7	44.9	64.7	83.8	95.6	102.3	108.0	113.7	119.4	125.1	130.8	136.5	142.2	147.9	153.6	159.3
24	3.17	7.24	13.5	25.2	36.3	47.0	67.7	87.8	100.6	107.3	113.0	118.7	124.4	130.1	135.8	141.5	147.2	152.9	158.6	164.3
25	3.32	7.56	14.1	26.3	37.9	49.1	70.8	91.7	104.5	111.2	116.9	122.6	128.3	134.0	139.7	145.4	151.1	156.8	162.5	168.2
26	3.46	7.89	14.7	27.5	39.6	51.3	73.9	95.7	108.5	115.2	120.9	126.6	132.3	138.0	143.7	149.4	155.1	160.8	166.5	172.2
28	3.75	8.55	16.0	29.8	42.9	55.5	80.0	104	117.8	124.5	130.2	135.9	141.6	147.3	153.0	158.7	164.4	170.1	175.8	181.5
30	4.04	9.21	17.2	32.1	46.2	59.8	86.2	112	125.8	132.5	138.2	143.9	149.6	155.3	161.0	166.7	172.4	178.1	183.8	189.5
32	4.33	9.87	18.4	34.4	49.5	64.2	92.4	120	133.8	140.5	146.2	151.9	157.6	163.3	169.0	174.7	180.4	186.1	191.8	197.5
35	4.77	10.9	20.3	37.9	54.6	70.7	102	132	145.8	152.5	158.2	163.9	169.6	175.3	181.0	186.7	192.4	198.1	203.8	209.5
40	5.51	12.6	23.4	43.8	63.0	81.6	118	152	165.8	172.5	178.2	183.9	189.6	195.3	201.0	206.7	212.4	218.1	223.8	229.5
45	6.26	14.3	26.6	49.7	71.6	92.7	134	173	186.8	193.5	199.2	204.9	210.6	216.3	222.0	227.7	233.4	239.1	244.8	250.5

Note: 1. kW ratings when using offset links are 80% of the above.

2. Please contact a Tsubaki representative prior to use of kW ratings in the shaded area of the table.

Multi-strand factors

Number of chain strands	Two strands	Three strands
Multi-strand factor	1.7	2.5

Lubrication systems and methods

Lubrication system	AI	AII	B	C	Details on pg. 218
Method	Manual lubrication	Drip lubrication	Oil bath or slinger disc lubrication	Forced pump lubrication	

Model numbering example

RS24B -1 -RP + 70L -MWJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.