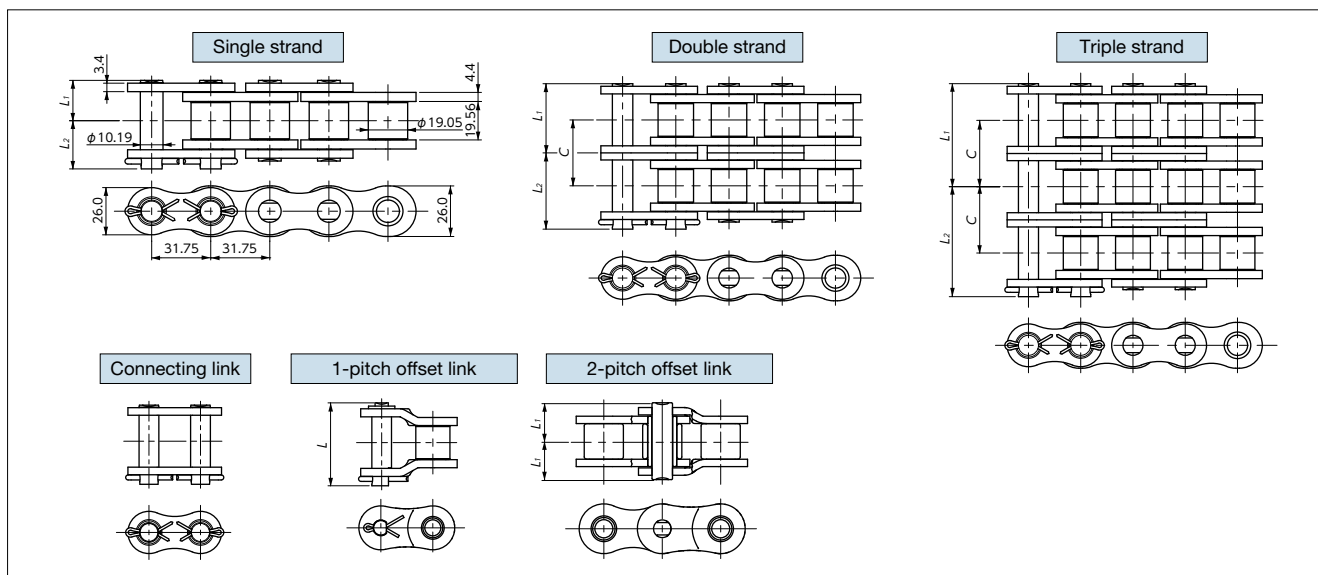




Specifications

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
RS20B	1	19.9	23.1	46.6		98.1 {10000}	95.0 {9690}	18.4 {1880}	3.85
	2	38.25	41.45	84.6	36.45	197 {20100}	170 {17300}	31.3 {3190}	7.65
	3	56.5	59.7	121.0		295 {30100}	250 {25500}	46.0 {4690}	11.45

Note: 1. Maximum allowable load when using one-pitch and two-pitch offset links is 60% of the above.

2. Number of links per unit = 96. Items in bold are stocked in units.

RS20B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket max rpm	Small sprocket max rpm																			
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800
Lubrication method No. of teeth	AI				AII				B					C						
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1600	1800
9	0.62	1.42	2.65	4.94	7.12	9.23	13.3	17.2	21.0	24.8	22.1	18.1	15.2	12.9	11.2	9.85	8.73	7.82	6.40	5.36
10	0.70	1.59	2.97	5.54	7.98	10.3	14.9	19.3	23.6	27.8	25.9	21.2	17.8	15.2	13.1	11.5	10.2	9.15	7.49	6.28
11	0.77	1.76	3.29	6.14	8.84	11.5	16.5	21.4	26.1	30.8	29.9	24.4	20.5	17.5	15.2	13.3	11.8	10.6	8.64	7.24
12	0.85	1.94	3.61	6.75	9.72	12.6	18.1	23.5	28.7	33.8	34.0	27.9	23.3	19.9	17.3	15.2	13.4	12.0	9.85	8.25
13	0.93	2.11	3.94	7.35	10.6	13.7	19.8	25.6	31.3	36.9	38.4	31.4	26.3	22.5	19.5	17.1	15.2	13.6	11.1	9.31
14	1.00	2.29	4.27	7.97	11.5	14.9	21.4	27.7	33.9	40.0	42.9	35.1	29.4	25.1	21.8	19.1	16.9	15.2	12.4	10.4
15	1.08	2.46	4.60	8.58	12.4	16.0	23.1	29.9	36.5	43.1	47.6	38.9	32.6	27.9	24.1	21.2	18.8	16.8	13.8	11.5
16	1.16	2.64	4.93	9.20	13.3	17.2	24.7	32.0	39.2	46.2	52.4	42.9	35.9	30.7	26.6	23.3	20.7	18.5	15.2	12.7
17	1.24	2.82	5.27	9.83	14.2	18.3	26.4	34.2	41.8	49.3	56.6	47.0	39.4	33.6	29.1	25.6	22.7	20.3	16.6	13.9
18	1.32	3.00	5.60	10.5	15.1	19.5	28.1	36.4	44.5	52.4	60.2	51.2	42.9	36.6	31.7	27.9	24.7	22.1	18.1	15.2
19	1.39	3.18	5.94	11.1	16.0	20.7	29.8	38.6	47.2	55.6	63.8	55.5	46.5	39.7	34.4	30.2	26.8	24.0	19.6	16.4
20	1.47	3.36	6.28	11.7	16.9	21.9	31.5	40.8	49.8	58.7	67.5	59.9	50.2	42.9	37.2	32.6	28.9	25.9	21.2	17.8
21	1.55	3.54	6.62	12.3	17.8	23.0	33.2	43.0	52.5	61.9	71.1	64.5	54.0	46.1	40.0	35.1	31.1	27.9	22.8	19.1
22	1.63	3.73	6.96	13.0	18.7	24.2	34.9	45.2	55.3	65.1	74.8	69.1	57.9	49.5	42.9	37.6	33.4	29.9	24.4	20.5
23	1.71	3.91	7.30	13.6	19.6	25.4	36.6	47.4	58.0	68.3	78.5	73.9	61.9	52.9	45.8	40.2	35.7	31.9	26.1	21.9
24	1.80	4.09	7.64	14.3	20.5	26.6	38.3	49.7	60.7	71.5	82.2	78.8	66.0	56.4	48.9	42.9	38.0	34.0	27.9	23.3
25	1.88	4.28	7.99	14.9	21.5	27.8	40.1	51.9	63.4	74.7	85.9	83.8	70.2	59.9	51.9	45.6	40.4	36.2	29.6	24.8
26	1.96	4.46	8.33	15.5	22.4	29.0	41.8	54.1	66.2	78.0	89.6	88.8	74.4	63.6	55.1	48.4	42.9	38.4	31.4	26.3
28	2.12	4.84	9.03	16.8	24.3	31.4	45.3	58.6	71.7	84.5	97.0	99.3	83.2	71.0	61.6	54.0	47.9	42.9	35.1	29.4
30	2.28	5.21	9.72	18.1	26.1	33.9	48.8	63.2	77.2	91.0	105	110	92.3	78.8	68.3	59.9	53.2	47.6	38.9	32.6
32	2.45	5.59	10.4	19.5	28.0	36.3	52.3	67.7	82.8	97.6	112	121	102	86.8	75.2	66.0	58.6	52.4	42.9	35.9
35	2.70	6.15	11.5	21.4	30.9	40.0	57.6	74.6	91.2	107	123	139	116	99.3	86.1	75.5	67.0	59.9	49.1	41.1
40	3.12	7.11	13.3	24.8	35.7	46.2	66.5	86.2	105	124	143	161	142	121	105	92.3	81.8	73.2	59.9	
45	3.54	8.07	15.1	28.1	40.5	52.5	75.6	97.9	120	141	162	183	170	145	125	110	97.6	87.4	73.2	

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

RS20B -1 -RP + 86L -MWJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.