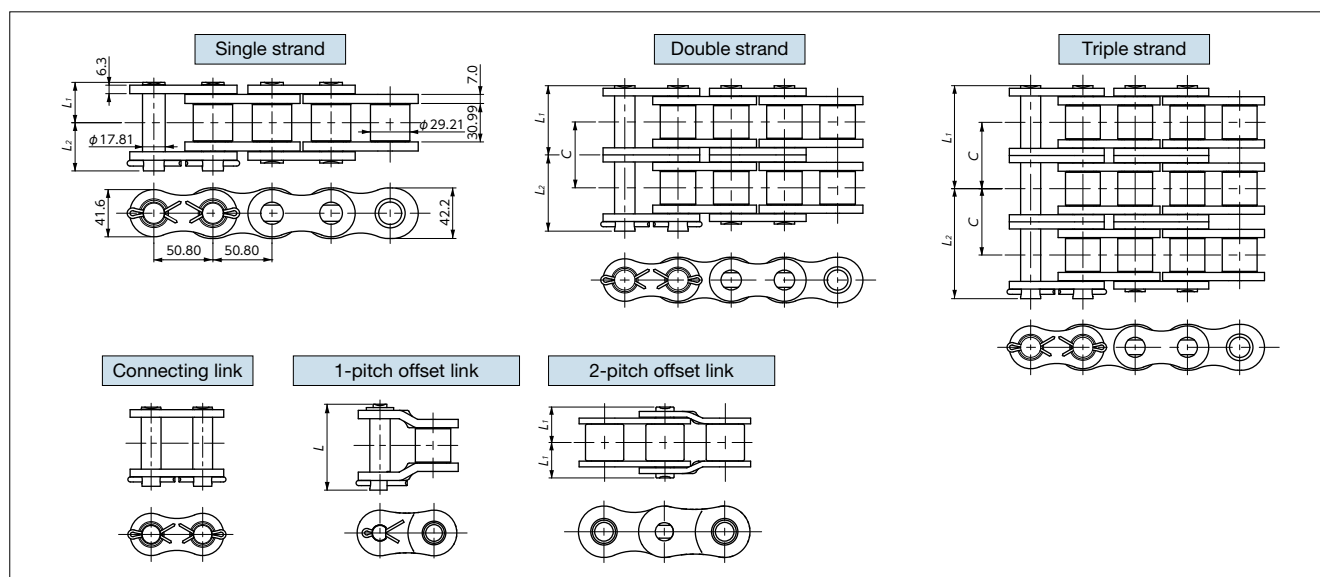




Specifications

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
RS32B	1	32.1	37.7	73.3		255 {26000}	250 {25500}	41.0 {4180}	10.25
	2	61.25	66.85	134.5	58.55	485 {49500}	450 {45900}	69.7 {7110}	20.10
	3	90.5	96.1	192.6		729 {74300}	670 {68300}	103 {10500}	29.90

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 = 60. Items in bold are stocked in units.

RS32B Maximum kilowatt ratings table (kW ratings for single strand chain)

Tsubaki No. of teeth	Small sprocket max rpm																							
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	1000	1100	1200	1300
	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI	AI
9	2.22	5.06	9.45	17.6	25.4	32.9	40.2	47.4	54.4	61.4	62.5	53.3	46.2	40.6	36.0	32.2	29.0	26.4	24.1	22.1	18.9	16.3	14.3	12.7
10	2.49	5.67	10.6	19.7	28.4	36.9	45.1	53.1	61.0	68.8	73.2	62.5	54.1	47.5	42.1	37.7	34.0	30.9	28.2	25.9	22.1	19.1	16.8	14.9
11	2.76	6.29	11.7	21.9	31.5	40.8	49.9	58.8	67.6	76.2	84.4	72.1	62.5	54.8	48.6	43.5	39.2	35.6	32.5	29.8	25.5	22.1	19.4	17.2
12	3.03	6.91	12.9	24.0	34.6	44.9	54.9	64.6	74.3	83.7	93.1	82.1	71.2	62.5	55.4	49.6	44.7	40.6	37.0	34.0	29.0	25.2	22.1	16.8
13	3.30	7.53	14.1	26.2	37.8	48.9	59.8	70.5	81.0	91.3	102	92.6	80.2	70.4	62.5	55.9	50.4	45.7	41.8	38.3	32.7	28.4	24.9	13.8
14	3.58	8.16	15.2	28.4	40.9	53.0	64.8	76.3	87.7	98.9	110	103	89.7	78.7	69.8	62.5	56.3	51.1	46.7	42.8	36.6	31.7	27.8	10.1
15	3.85	8.79	16.4	30.6	44.1	57.1	69.8	82.3	94.5	107	118	115	100	87.3	77.4	69.3	62.5	56.7	51.8	47.5	40.6	35.2	30.9	5.67
16	4.13	9.42	17.6	32.8	47.3	61.2	74.8	88.2	101	114	127	126	110	96.2	85.3	76.3	68.8	62.5	57.0	52.3	44.7	38.7	34.0	0.57
17	4.41	10.1	18.8	35.0	50.5	65.4	79.9	94.2	108	122	136	138	120	105	93.4	83.6	75.4	68.4	62.5	57.3	48.9	42.4	32.1	
18	4.69	10.7	20.0	37.3	53.7	69.5	85.0	100	115	130	144	151	131	115	102	91.1	82.1	74.5	68.1	62.5	53.3	46.2	28.3	
19	4.97	11.3	21.2	39.5	56.9	73.7	90.1	106	122	138	153	164	142	124	110	98.8	89.0	80.8	73.8	67.7	57.8	50.1	23.8	
20	5.26	12.0	22.4	41.8	60.1	77.9	95.2	112	129	145	162	177	153	134	119	107	96.2	87.3	79.7	73.2	62.5	54.1	18.8	
21	5.54	12.6	23.6	44.0	63.4	82.1	100	118	136	153	170	187	165	145	128	115	103	93.9	85.8	78.7	67.2	57.4	13.1	
22	5.83	13.3	24.8	46.3	66.7	86.4	106	124	143	161	179	197	177	155	138	123	111	101	92.0	84.4	72.1	53.7	6.77	
23	6.11	13.9	26.0	48.6	69.9	90.6	111	131	150	169	188	207	189	166	147	132	119	108	98.3	90.2	77.0	49.5		
24	6.40	14.6	27.2	50.8	73.2	94.9	116	137	157	177	197	216	201	177	157	140	126	115	105	96.2	82.1	44.7		
25	6.69	15.3	28.5	53.1	76.5	99.1	121	143	164	185	206	226	214	188	167	149	134	122	111	102	87.3	39.4		
26	6.98	15.9	29.7	55.4	79.8	103	126	149	171	193	215	236	227	199	177	158	143	129	118	108	86.3	33.4		
28	7.56	17.2	32.2	60.0	86.5	112	137	161	185	209	232	256	251	223	197	177	159	145	132	121	78.2	19.8		
30	8.14	18.6	34.7	64.7	93.2	121	148	174	200	225	250	269	260	247	219	196	177	160	146	125	68.0	3.84		
32	8.73	19.9	37.2	69.4	100	129	158	186	214	242	269	278	268	255	239	216	195	174	147	119	55.7			
35	9.6	21.9	40.9	76.4	110	143	174	205	236	266	296	291	278	262	243	221	195	168	137	105	33.3			
40	11.1	25.3	47.3	88.3	127	165	201	237	273	307	318	306	289	268	243	215	184	150	112	72.6				
45	12.6	28.8	53.7	100	144	187	229	269	310	342	331	314	293	266	235	201	163	121	76.2	28.4				

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

RS32B -1 -RP + 50L -MWJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.