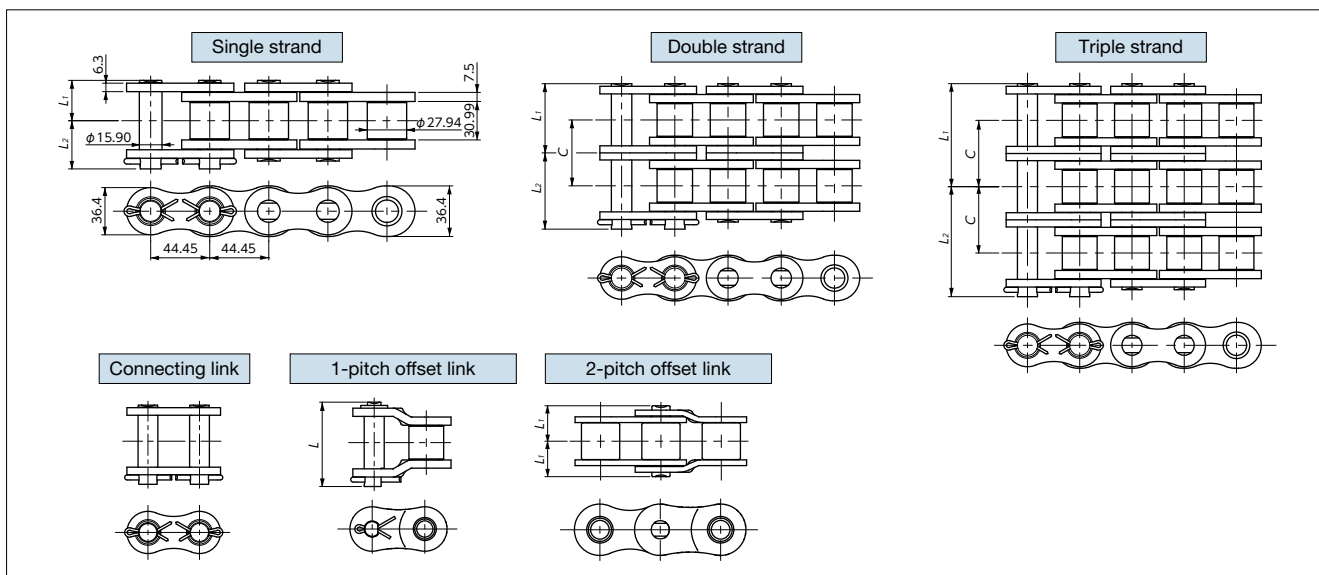




Specifications

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
RS28B	1	32.45	37.45	74.4	59.56	200 {20400}	200 {20400}	37.5 {3820}	9.45
	2	62.15	67.15	136.6		374 {38100}	360 {36700}	63.8 {6510}	18.80
	3	91.95	96.95	195.9		560 {57100}	530 {54000}	93.8 {9570}	28.20

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 = 68. Items in bold are stocked in units.

RS28B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket max rpm																				
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1200
AI	AI		AII		B										C					
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000	1100	1200
9	1.78	4.05	7.56	14.1	20.3	26.3	32.2	37.9	43.6	49.1	54.6	47.9	41.5	36.5	28.9	23.7	19.8	16.9	14.7	12.9
10	1.99	4.54	8.47	15.8	22.8	29.5	36.1	42.5	48.8	55.0	61.2	56.1	48.7	42.7	33.9	27.7	23.2	19.8	17.2	15.1
11	2.21	5.03	9.39	17.5	25.2	32.7	40.0	47.1	54.1	61.0	67.8	64.8	56.1	49.3	39.1	32.0	26.8	22.9	19.8	17.4
12	2.42	5.53	10.3	19.2	27.7	35.9	43.9	51.7	59.4	67.0	74.5	73.8	64.0	56.1	44.5	36.5	30.6	26.1	22.6	19.8
13	2.64	6.03	11.2	21.0	30.2	39.2	47.9	56.4	64.8	73.1	81.2	83.2	72.1	63.3	50.2	41.1	34.5	29.4	25.5	22.4
14	2.86	6.53	12.2	22.7	32.7	42.4	51.9	61.1	70.2	79.2	88.0	93.0	80.6	70.7	56.1	45.9	38.5	32.9	28.5	25.0
15	3.08	7.03	13.1	24.5	35.3	45.7	55.9	65.8	75.6	85.3	94.8	103	89.4	78.4	62.3	51.0	42.7	36.5	31.6	27.7
16	3.31	7.54	14.1	26.3	37.8	49.0	59.9	70.6	81.1	91.4	102	112	98.5	86.4	68.6	56.1	47.0	40.2	34.8	30.6
17	3.53	8.05	15.0	28.0	40.4	52.3	64.0	75.4	86.6	97.6	109	119	108	94.6	75.1	61.5	51.5	44.0	38.1	33.5
18	3.75	8.56	16.0	29.8	43.0	55.6	68.0	80.2	92.1	104	115	127	117	103	81.8	67.0	56.1	47.9	41.5	36.5
19	3.98	9.08	16.9	31.6	45.5	59.0	72.1	85.0	97.6	110	122	135	127	112	88.7	72.6	60.9	52.0	45.1	39.5
20	4.21	9.60	17.9	33.4	48.1	62.4	76.2	89.8	103	116	129	142	138	121	95.8	78.4	65.7	56.1	48.7	42.7
21	4.43	10.1	18.9	35.2	50.7	65.7	80.3	94.7	109	123	136	150	148	130	103	84.4	70.7	60.4	52.3	45.9
22	4.66	10.6	19.8	37.0	53.3	69.1	84.5	100	114	129	143	158	159	139	111	90.5	75.8	64.8	56.1	49.3
23	4.89	11.2	20.8	38.9	56.0	72.5	88.6	104	120	135	150	165	170	149	118	96.7	81.1	69.2	60.0	52.7
24	5.12	11.7	21.8	40.7	58.6	75.9	92.8	109	126	142	158	173	181	159	126	103	86.4	73.8	64.0	56.1
25	5.35	12.2	22.8	42.5	61.2	79.3	97.0	114	131	148	165	181	192	169	134	110	91.9	78.4	68.0	59.7
26	5.58	12.7	23.8	44.4	63.9	82.8	101	119	137	154	172	189	204	179	142	116	97.4	83.2	72.1	63.3
28	6.05	13.8	25.8	48.1	69.2	89.7	110	129	148	167	186	205	223	200	159	130	109	93.0	80.6	70.7
30	6.52	14.9	27.7	51.8	74.6	96.6	118	139	160	180	200	220	240	222	176	144	121	103	89.4	71.9
32	6.99	15.9	29.7	55.5	80.0	104	127	149	171	193	215	236	257	244	194	159	133	114	98.5	58.4
35	7.70	17.6	32.8	61.2	88.1	114	139	164	189	213	237	260	284	280	222	182	152	130	96.9	33.8
40	8.89	20.3	37.9	70.6	102	132	161	190	218	246	273	301	328	318	271	222	186	128	58.2	
45	10.1	23.0	43.0	80.2	116	150	183	216	248	279	311	341	341	326	284	230	165	90.3	64.5	

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

RS28B -1 -RP + 58L -MWJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.