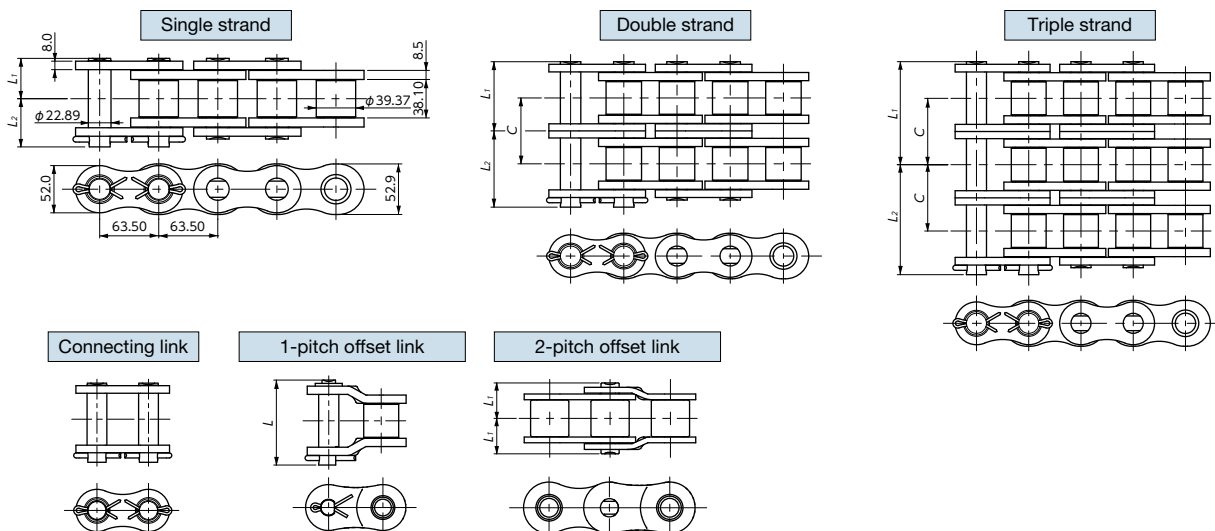




■ Specifications

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
RS40B	1	39.25	45.05	88.6	72.29	373 {38000}	355 {36200}	51.0{5200}	16.35
	2	75.4	81.2	163.2		716 {73000}	630 {64200}	86.7{8840}	32.00
	3	111.5	117.3	235.3		1080{110000}	950 {96900}	128 {13100}	47.75

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 = 48.

■ RS40B Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket no. of teeth	Lubrication	Small sprocket max rpm																		
		10	15	20	30	40	50	70	100	150	200	250	300	350	400	450	500	550	600	650
		AI			AII				B						C					
9		3.45	4.97	6.44	9.27	12.0	14.7	19.9	27.4	39.5	51.1	62.5	73.7	84.6	89.1	74.7	63.8	55.3	48.5	43.0
10		3.87	5.57	7.21	10.4	13.5	16.5	22.3	30.7	44.2	57.3	70.0	82.5	94.8	101	87.5	74.7	64.7	56.8	50.4
11		4.29	6.17	8.00	11.5	14.9	18.2	24.7	34.0	49.0	63.5	77.6	91.5	105	110	101	86.1	74.7	65.5	58.1
12		4.71	6.78	8.78	12.7	16.4	20.0	27.1	37.4	53.9	69.8	85.3	101	116	118	115	98.2	85.1	74.7	66.2
13		5.13	7.39	9.58	13.8	17.9	21.8	29.6	40.8	58.7	76.1	93.0	110	126	127	122	111	95.9	84.2	74.7
14		5.56	8.01	10.4	14.9	19.4	23.7	32.0	44.2	63.6	82.4	101	119	136	135	130	123	107	94.1	83.4
15		5.99	8.63	11.2	16.1	20.9	25.5	34.5	47.6	68.5	88.8	109	128	145	142	137	129	119	104	92.5
16		6.42	9.25	12.0	17.3	22.4	27.3	37.0	51.0	73.5	95.2	116	137	153	150	144	135	125	112	96.7
17		6.86	9.88	12.8	18.4	23.9	29.2	39.5	54.5	78.5	102	124	146	160	157	150	141	129	115	99.2
18		7.29	10.5	13.6	19.6	25.4	31.0	42.0	57.9	83.5	108	132	156	168	164	157	147	134	119	101
19		7.73	11.1	14.4	20.8	26.9	32.9	44.6	61.4	88.5	115	140	165	175	171	163	152	138	122	103
20		8.17	11.8	15.3	22.0	28.5	34.8	47.1	64.9	93.5	121	148	175	182	177	168	156	142	124	104
21		8.61	12.4	16.1	23.2	30.0	36.7	49.6	68.4	98.6	128	156	184	189	183	174	161	145	126	105
22		9.06	13.0	16.9	24.3	31.5	38.6	52.2	72.0	104	134	164	193	195	189	179	165	148	128	106
23		9.50	13.7	17.7	25.5	33.1	40.5	54.8	75.5	109	141	172	203	202	195	184	169	151	130	106
24		10.0	14.3	18.6	26.7	34.7	42.4	57.3	79.0	114	148	180	210	208	200	188	173	153	131	105
25		10.4	15.0	19.4	28.0	36.2	44.3	59.9	82.6	119	154	188	217	214	205	193	176	155	132	105
26		10.8	15.6	20.2	29.2	37.8	46.2	62.5	86.2	124	161	197	223	219	210	197	179	157	132	104

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

RS40B -1 -RP + 38L -MWJR

Size

Number
of strands

Pin type

Number
of links

End link

Note: Standard roller chains do not require series selection.