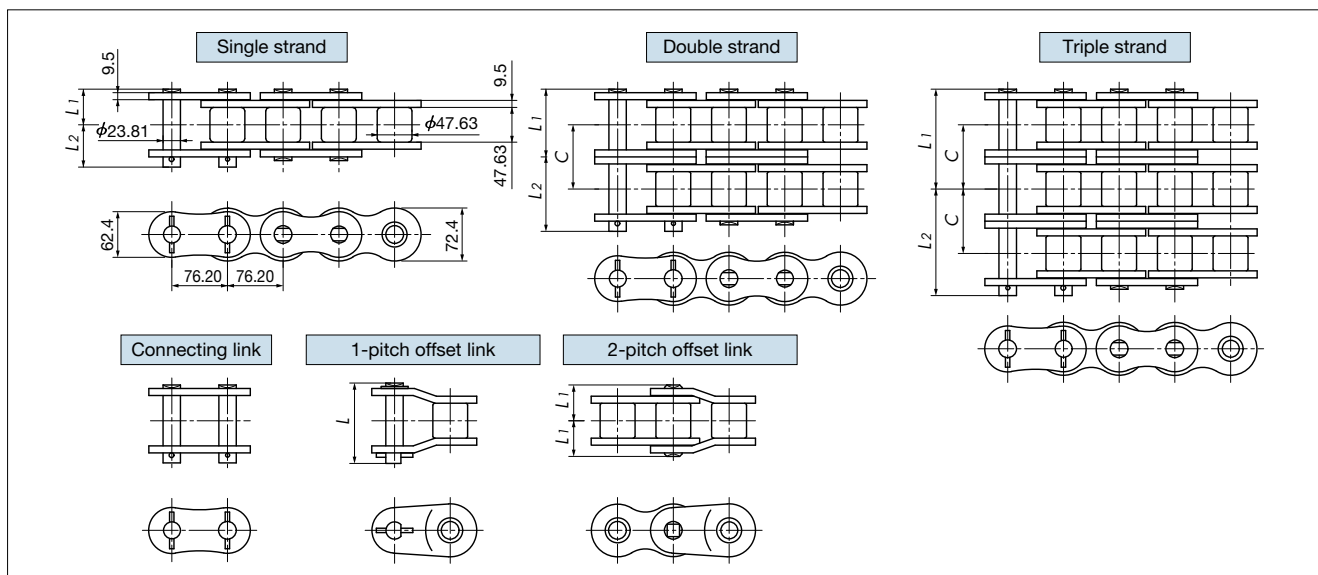




Specifications

Size	Number of strands	Dimensions L_1	Dimensions L_2	Offset pin length L	Transverse pitch C	ASME standard min. tensile strength kN{kkgf}	Min. tensile strength kN{kkgf}	Max. allowable load kN{kkgf}	Approx. mass kg/m
RS240	1	47.9	55.5	106.7	87.8	500.0 {50986}	623 {63500}	99.0 {10100}	24.5
	2	91.65	99.15	198.4		1000.0 {101972}	1250 {127000}	168 {17170}	48.1
	3	135.55	143.05	286.3		1500.0 {152958}	1870 {190500}	248 {25250}	71.6
	4	179.45	186.95	374.2		—	2490 {254000}	327 {33330}	95.1
	5	223.4	230.8	462.0		—	3110 {317500}	386 {39390}	118.6
	6	267.3	274.7	550.1		—	3740 {381000}	456 {46460}	142.1

Note: 1. Maximum allowable load when using a one-pitch offset link is 65% of the above.
2. Number of links per unit = 40. Items in bold are stocked in units.

RS240 Maximum kilowatt ratings table (kW ratings for single strand chain)

Small sprocket max rpm	Small sprocket max rpm																			
	5	10	15	20	25	30	40	50	60	80	100	125	150	175	200	250	300	350	400	450
	AI				AII				B								C			
9	5.66	10.7	15.4	20.0	24.4	28.8	37.3	45.6	53.7	69.6	85.1	104	123	141	159	159	159	126	103	86.4
10	6.29	12.0	17.3	22.4	27.4	32.3	41.8	51.1	60.2	78.0	95.4	117	137	158	178	183	183	148	121	101
11	6.92	13.3	19.2	24.8	30.4	35.8	46.3	56.7	66.8	86.5	106	129	152	175	197	202	202	170	139	117
12	7.54	14.6	21.1	27.3	33.4	39.3	50.9	62.2	73.3	95.0	116	142	167	192	217	222	222	194	159	
13	8.17	15.9	23.0	29.7	36.4	42.8	55.5	67.9	80.0	104	127	155	182	210	236	242	242	219	179	
14	8.80	17.3	24.9	32.2	39.4	46.4	60.1	73.5	86.6	112	137	168	198	227	256	263	263	244	200	
15	9.43	18.6	26.8	34.7	42.4	50.0	64.8	79.2	93.3	121	148	181	213	245	276	283	283	271	222	
16	10.1	19.9	28.7	37.2	45.5	53.6	69.5	84.9	100	130	158	194	228	262	296	299	299	269	244	
17	10.7	21.3	30.7	39.7	48.6	57.2	74.2	90.7	107	138	169	207	244	280	300	300	300	281	268	
18	11.3	22.6	32.6	42.3	51.7	60.9	78.9	96.4	114	147	180	220	259	298	303	303	303	291	281	
19	11.9	23.9	34.6	44.8	54.8	64.6	83.6	102	120	156	191	233	275	316	317	317	317	304	291	
20	12.6	25.0	36.6	47.4	57.9	68.2	88.4	108	127	165	202	246	290	330	330	330	330	316	304	
21	13.2	26.4	38.5	49.9	61.0	71.9	93.2	114	134	174	213	260	306	345	345	345	345	328	316	
22	13.8	27.7	40.5	52.5	64.2	75.6	98.0	120	141	183	223	273	322	364	346	346	342	339	315	
23	14.5	28.4	42.5	55.1	67.3	79.3	103	126	148	192	234	287	338	370	370	370	359	350	334	
24	15.1	30.2	44.5	57.7	70.5	83.1	108	132	155	201	246	300	354	396	396	396	376	360		
25	15.7	31.4	46.5	60.3	73.7	86.8	112	137	162	210	257	314	370	410	410	410	388	370		
26	16.3	32.7	48.5	62.9	76.9	90.6	117	143	169	219	268	327	386	418	418	418	397	380		

Note: 1. kW ratings when using one-pitch offset links are 65% 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	Four strands	Five strands	Six strands
Multi-strand factor	1.7	2.5	3.3	3.9	4.6

Lubrication systems and methods

Lubrication system	AI	AII	B	C
Method	Manual lubrication	Drip lubrication	Oil bath or slinger disc lubrication	Forced pump lubrication

Details on pg. 218

Model numbering example

RS240 -1 -RP + 30L -MSJR

Size

Number of strands

Pin type

Number of links

End link

Note: Standard roller chains do not require series selection.