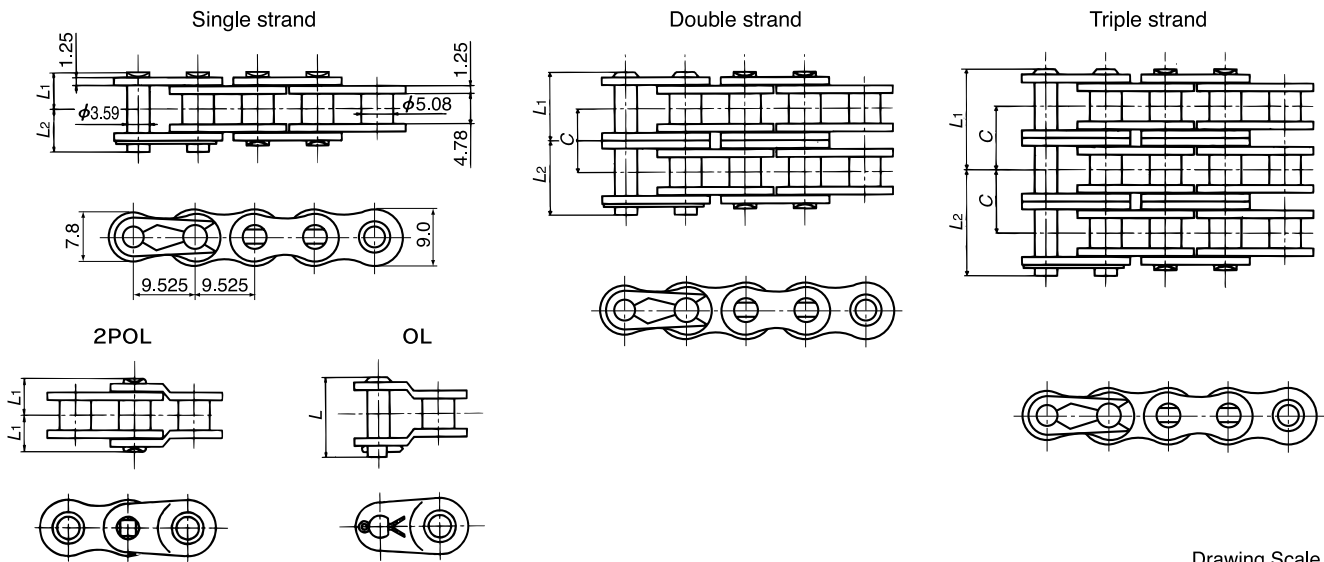


RS35



Drawing Scale 1/1.2

TSUBAKI Chain Number	Number of Strands	Pin Length L ₁ +L ₂	Dimensions L ₁	Dimensions L ₂	Offset Pin Length L	Transverse Pitch C	Pin Type	Min. Ultimate Strength ANSI Standard kN{kgf}	Minimum Tensile Strength kN{kgf}	Average Tensile Strength kN{kgf}	Maximum Allowable Load kN{kgf}	Approximate Mass kg/m
RS35	1	12.7	5.85	6.85	13.5			8.7 {887}	9.81 {1000}	11.3 {1150}	2.16 {220}	0.33
RS35-2	2	22.8	10.9	11.9	24.5	10.1	Riveting	17.4 {1774}	19.6 {2000}	22.6 {2300}	3.63 {370}	0.69
RS35-3	3	32.9	16.0	16.9	34.6			26.1 {2661}	29.4 {3000}	33.8 {3450}	5.39 {550}	1.05

Note: 1. Maximum allowable load when using a one-pitch offset link (OL) is 65% of the above.
 2. Number of links per unit =320 3. Bushed chain.

■ RS35 Maximum Kilowatt Ratings Table (kW Ratings for Single Strand Chain)

Small Sprocket No. of Teeth	Small Sprocket Max r/min																											
	A														B													
Lubrication Type	50	100	300	500	700	900	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000	10000			
9	0.09	0.17	0.47	0.74	1.00	1.26	1.63	1.99	2.34	2.69	2.11	1.62	1.29	1.05	0.88	0.75	0.66	0.57	0.51	0.46	0.41	0.37	0.34	0.31	0.27			
10	0.10	0.19	0.52	0.83	1.12	1.41	1.82	2.23	2.63	3.02	2.50	1.90	1.51	1.23	1.04	0.88	0.77	0.67	0.60	0.53	0.48	0.43	0.40	0.37	0.31			
11	0.12	0.22	0.58	0.92	1.24	1.56	2.02	2.47	2.91	3.34	2.88	2.18	1.73	1.42	1.18	1.01	0.88	0.77	0.68	0.61	0.55	0.50	0.45	0.42	0.36			
12	0.13	0.24	0.64	1.01	1.37	1.71	2.22	2.71	3.20	3.67	3.28	2.50	1.98	1.62	1.36	1.16	1.01	0.88	0.78	0.70	0.63	0.57	0.52	0.48	0.41			
13	0.14	0.26	0.70	1.10	1.49	1.87	2.42	2.96	3.49	4.01	3.70	2.80	2.23	1.83	1.53	1.30	1.12	0.99	0.87	0.78	0.70	0.64	0.58	0.54	0.46			
14	0.15	0.28	0.75	1.19	1.61	2.02	2.62	3.21	3.78	4.34	4.14	3.14	2.49	2.03	1.71	1.46	1.27	1.11	0.98	0.88	0.79	0.72	0.65	0.60	0.51			
15	0.16	0.30	0.81	1.28	1.74	2.18	2.83	3.45	4.07	4.67	4.59	3.47	2.76	2.26	1.89	1.62	1.40	1.23	1.09	0.98	0.88	0.80	0.73	0.67	0.57			
16	0.17	0.32	0.87	1.38	1.86	2.34	3.03	3.70	4.36	5.01	5.05	3.80	3.04	2.49	2.09	1.78	1.54	1.36	1.20	1.07	0.97	0.88	0.80	0.74	0.62			
17	0.19	0.35	0.93	1.47	1.99	2.50	3.23	3.95	4.66	5.35	5.53	4.17	3.33	2.73	2.28	1.95	1.69	1.48	1.32	1.18	1.06	0.96	0.88	0.80	0.69			
18	0.20	0.37	0.99	1.56	2.12	2.66	3.44	4.21	4.95	5.69	6.03	4.54	3.63	2.97	2.49	2.12	1.84	1.62	1.43	1.28	1.15	1.05	0.96	0.88	0.75			
19	0.21	0.39	1.05	1.66	2.25	2.81	3.65	4.46	5.25	6.03	6.54	4.92	3.94	3.22	2.70	2.30	2.00	1.75	1.56	1.39	1.25	1.14	1.03	0.95	0.81			
20	0.22	0.41	1.11	1.75	2.37	2.98	3.85	4.71	5.55	6.38	7.06	5.32	4.25	3.48	2.91	2.49	2.16	1.89	1.68	1.50	1.36	1.23	1.12	1.03	0.88			
21	0.23	0.43	1.17	1.85	2.50	3.14	4.06	4.97	5.85	6.72	7.60	5.72	4.57	3.74	3.14	2.68	2.32	2.03	1.80	1.62	1.46	1.32	1.21	1.11	0.95			
22	0.24	0.46	1.23	1.94	2.63	3.30	4.27	5.22	6.15	7.07	8.15	6.20	4.91	4.01	3.36	2.87	2.49	2.18	1.94	1.74	1.56	1.42	1.30	1.19	1.01			
23	0.26	0.48	1.29	2.04	2.76	3.46	4.48	5.48	6.46	7.42	8.68	6.62	5.26	4.30	3.60	3.08	2.67	2.34	2.08	1.86	1.68	1.52	1.39	1.28	1.09			
24	0.27	0.50	1.35	2.13	2.89	3.62	4.69	5.74	6.76	7.77	9.09	7.06	5.59	4.57	3.84	3.27	2.83	2.49	2.21	1.97	1.78	1.62	1.48	1.36	1.15			
25	0.28	0.52	1.41	2.23	3.02	3.79	4.90	6.00	7.07	8.12	9.50	7.51	5.96	4.88	4.09	3.49	3.02	2.66	2.36	2.10	1.90	1.72	1.57	1.45	1.23			
26	0.29	0.55	1.47	2.33	3.15	3.95	5.12	6.26	7.37	8.47	9.91	7.96	6.31	5.16	4.33	3.70	3.21	2.81	2.49	2.23	2.01	1.83	1.67	1.53	1.30			
28	0.32	0.59	1.59	2.52	3.41	4.28	5.54	6.78	7.98	9.17	10.7	8.90	7.07	5.78	4.84	4.14	3.59	3.15	2.79	2.50	2.25	2.04	1.87	1.72	1.46			
30	0.34	0.64	1.72	2.72	3.68	4.61	5.97	7.30	8.60	9.88	11.6	9.87	7.83	6.39	5.35	4.58	3.97	3.48	3.09	2.76	2.49	2.26	2.06	1.89	1.62			
32	0.37	0.68	1.84	2.91	3.94	4.94	6.40	7.83	9.22	10.6	12.4	10.9	8.58	7.04	5.90	5.04	4.37	3.83	3.40	3.04	2.74	2.49	2.27	2.09	0			
35	0.40	0.75	2.03	3.21	4.34	5.45	7.05	8.62	10.2	11.7	13.7	12.4	9.85	8.05	6.76	5.76	5.00	4.38	3.89	3.48	3.14	2.85	2.60	2.39	0			
40	0.47	0.87	2.34	3.71	5.02	6.29	8.15	9.96	11.7	13.5	15.8	15.2	12.0	9.85	8.28	7.05	6.11	5.36	4.75	4.25	3.83	3.48	0	0				
45	0.53	0.99	2.66	4.21	5.70	7.14	9.25	11.3	13.3	15.3	17.9	18.1	14.4	11.8	9.85	8.43	7.30	6.41	5.69	5.09	0	0	0	0				

Note: 1. KW rating when using a one-pitch offset link (OL) is 80% of the above.
 2. Please consult TSUBAKI prior to use of kW ratings in the colored area of the table.

Multi-strand factor	Number of chain strands		Multi-strand factor	
	Double strand	1.7	Quintuple strand	3.9
	Triple strand	2.5	Sextuple strand	4.6
	Quadruple strand	3.3	-	-

Lubrication method	A	Manual lubrication or drip lubrication	Details on Pg. 34
	B	Oil bath or slinger disc lubrication	
	C	Forced pump lubrication	