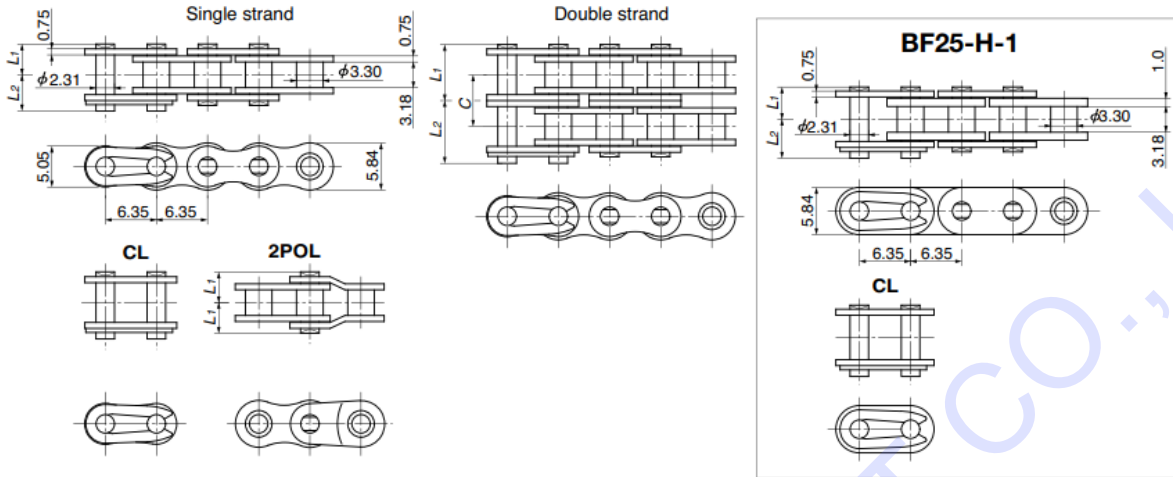


RS25 /BF25-H-1 STANDARD ROLLER CHAIN (ANSI STANDARD)

โซ่ขับ /โซ่ลูกกลิ้งมาตรฐาน รุ่น RS25 / BF25-H-1 (ANSI STANDARD)



TSUBAKI Chain Number	Number of Strands	Pin Length L1+L2	Dimensions L1	Dimensions L2	Transverse Pitch C	Pin Type	ANSI Standard Min. Tensile Strength kN(kgf)	Tsubaki Minimum Tensile Strength kN(kgf)	Tsubaki Average Tensile Strength kN(kgf)	Maximum Allowable Load kN(kgf)	Approximate Mass kg/m
RS25-1	1	8.3	3.8	4.5	-	Riveting	3.5 {357}	4.12 {420}	4.71 {480}	0.64 {65}	0.14
RS25-2	2	14.7	7.0	7.7	6.4		7.0 {714}	8.24 {840}	9.41 {960}	1.08{110}	0.27
RS25-3	3	21.1	10.2	10.9	6.4		10.5{1071}	12.4{1260}	14.1{1440}	1.57{160}	0.42
BF25-H-1	1	8.82	4.01	4.81	-		-	4.9 {500}	5.88 {600}	0.78 {80}	0.17

Note: 1. Offset links for RS25 only available in two pitch offset links. The maximum allowable load is the same as shown in the table above.
 2. Minimum tensile strength for RS25-1 is 3.82kN, RS25-2 is 7.65kN, and RS25-3 is 11.5kN. 3. No offset links are available for BF25-H-1.
 4. One unit has 160 links. 5. Both RS25 and BF25-H-1 are bushed chains. 6. Stocked in units.
 *Maximum allowable load when using an M-type connecting link is 80% of the above.

■ RS25-1 Maximum Kilowatt Ratings Table (kW Ratings for Single Strand Chain)

Small Sprocket No. of Teeth	Small Sprocket Max rpm																								
	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
	A												B												
9	0.02	0.03	0.08	0.13	0.18	0.23	0.30	0.36	0.43	0.49	0.57	0.67	0.78	0.76	0.64	0.55	0.47	0.41	0.37	0.33	0.30	0.27	0.25	0.23	0.19
10	0.02	0.04	0.10	0.15	0.20	0.26	0.33	0.41	0.48	0.55	0.64	0.76	0.87	0.89	0.75	0.64	0.55	0.49	0.43	0.39	0.35	0.32	0.29	0.26	0.23
11	0.02	0.04	0.11	0.17	0.23	0.28	0.37	0.45	0.53	0.61	0.71	0.84	0.96	1.03	0.86	0.74	0.64	0.56	0.50	0.44	0.40	0.36	0.33	0.30	0.26
12	0.02	0.04	0.12	0.18	0.25	0.31	0.40	0.49	0.58	0.67	0.78	0.92	1.06	1.17	0.98	0.84	0.73	0.64	0.57	0.51	0.46	0.41	0.38	0.35	0.30
13	0.03	0.05	0.13	0.20	0.27	0.34	0.44	0.54	0.63	0.73	0.85	1.00	1.15	1.30	1.11	0.95	0.82	0.72	0.64	0.57	0.52	0.47	0.43	0.39	0.33
14	0.03	0.05	0.14	0.22	0.29	0.37	0.48	0.58	0.69	0.79	0.92	1.09	1.25	1.41	1.24	1.06	0.92	0.80	0.71	0.64	0.58	0.52	0.48	0.44	0.37
15	0.03	0.05	0.15	0.23	0.32	0.40	0.51	0.63	0.74	0.85	0.99	1.17	1.35	1.52	1.37	1.17	1.02	0.89	0.79	0.71	0.64	0.58	0.53	0.49	0.41
16	0.03	0.06	0.16	0.25	0.34	0.43	0.55	0.67	0.79	0.91	1.07	1.26	1.44	1.63	1.51	1.29	1.12	0.98	0.87	0.78	0.70	0.64	0.58	0.54	0.46
17	0.03	0.06	0.17	0.27	0.36	0.45	0.59	0.72	0.85	0.97	1.14	1.34	1.54	1.74	1.66	1.42	1.23	1.08	0.95	0.85	0.77	0.70	0.64	0.59	0.50
18	0.04	0.07	0.18	0.28	0.39	0.48	0.63	0.76	0.90	1.04	1.21	1.43	1.64	1.85	1.81	1.54	1.34	1.17	1.04	0.93	0.84	0.76	0.70	0.64	0.55
19	0.04	0.07	0.19	0.30	0.41	0.51	0.66	0.81	0.96	1.10	1.28	1.51	1.74	1.96	1.96	1.67	1.45	1.27	1.13	1.01	0.91	0.83	0.75	0.69	0.59
20	0.04	0.07	0.20	0.32	0.43	0.54	0.70	0.86	1.01	1.16	1.36	1.60	1.84	2.07	2.11	1.81	1.57	1.37	1.22	1.09	0.98	0.89	0.81	0.75	0.64
21	0.04	0.08	0.21	0.34	0.45	0.57	0.74	0.90	1.06	1.22	1.43	1.69	1.94	2.18	2.28	1.94	1.68	1.48	1.31	1.17	1.06	0.96	0.88	0.80	0.69
22	0.04	0.08	0.22	0.35	0.48	0.60	0.78	0.95	1.12	1.29	1.50	1.77	2.04	2.30	2.44	2.08	1.81	1.58	1.41	1.26	1.13	1.03	0.94	0.86	0.74
23	0.05	0.09	0.23	0.37	0.50	0.63	0.82	1.00	1.17	1.35	1.58	1.86	2.14	2.41	2.61	2.23	1.93	1.69	1.50	1.34	1.21	1.10	1.00	0.92	0.79
24	0.05	0.09	0.25	0.39	0.53	0.66	0.85	1.04	1.23	1.41	1.65	1.95	2.24	2.52	2.78	2.37	2.06	1.81	1.60	1.43	1.29	1.17	1.07	0.98	0.84
25	0.05	0.10	0.26	0.41	0.55	0.69	0.89	1.09	1.28	1.48	1.73	2.03	2.34	2.64	2.93	2.52	2.19	1.92	1.70	1.52	1.37	1.25	1.14	1.04	0.89
26	0.05	0.10	0.27	0.42	0.57	0.72	0.93	1.14	1.34	1.54	1.80	2.12	2.44	2.75	3.06	2.68	2.32	2.04	1.81	1.62	1.46	1.32	1.21	1.11	0.95
28	0.06	0.11	0.29	0.46	0.62	0.78	1.01	1.23	1.45	1.67	1.95	2.30	2.64	2.98	3.31	2.99	2.59	2.28	2.02	1.81	1.63	1.48	1.35	1.24	1.06
30	0.06	0.12	0.31	0.49	0.67	0.84	1.09	1.33	1.56	1.80	2.10	2.48	2.85	3.21	3.57	3.32	2.88	2.52	2.24	2.00	1.81	1.64	1.50	1.37	1.17
32	0.07	0.12	0.33	0.53	0.72	0.90	1.16	1.42	1.68	1.93	2.25	2.66	3.05	3.44	3.83	3.65	3.17	2.78	2.47	2.21	1.99	1.81	1.65	1.51	1.29
35	0.07	0.14	0.37	0.58	0.79	0.99	1.28	1.57	1.85	2.12	2.48	2.93	3.36	3.79	4.21	4.18	3.62	3.18	2.82	2.52	2.28	2.07	1.89	1.73	1.48
40	0.08	0.16	0.43	0.67	0.91	1.14	1.48	1.81	2.13	2.45	2.87	3.38	3.88	4.38	4.87	5.11	4.43	3.89	3.45	3.08	2.78	2.52	2.30	2.11	1.81
45	0.10	0.18	0.48	0.77	1.04	1.30	1.68	2.06	2.42	2.78	3.26	3.84	4.41	4.97	5.53	6.08	5.28	4.64	4.11	3.68	3.32	3.01	2.75	2.52	2.15

Note: 1. Please contact a Tsubaki representative 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	
	Triple strand	2.5	

Lubrication method	Lubrication		Details on Pg. 202
	A	Manual lubrication or drip lubrication	
	B	Oil bath or slinger disc lubrication	
C	Forced pump lubrication		