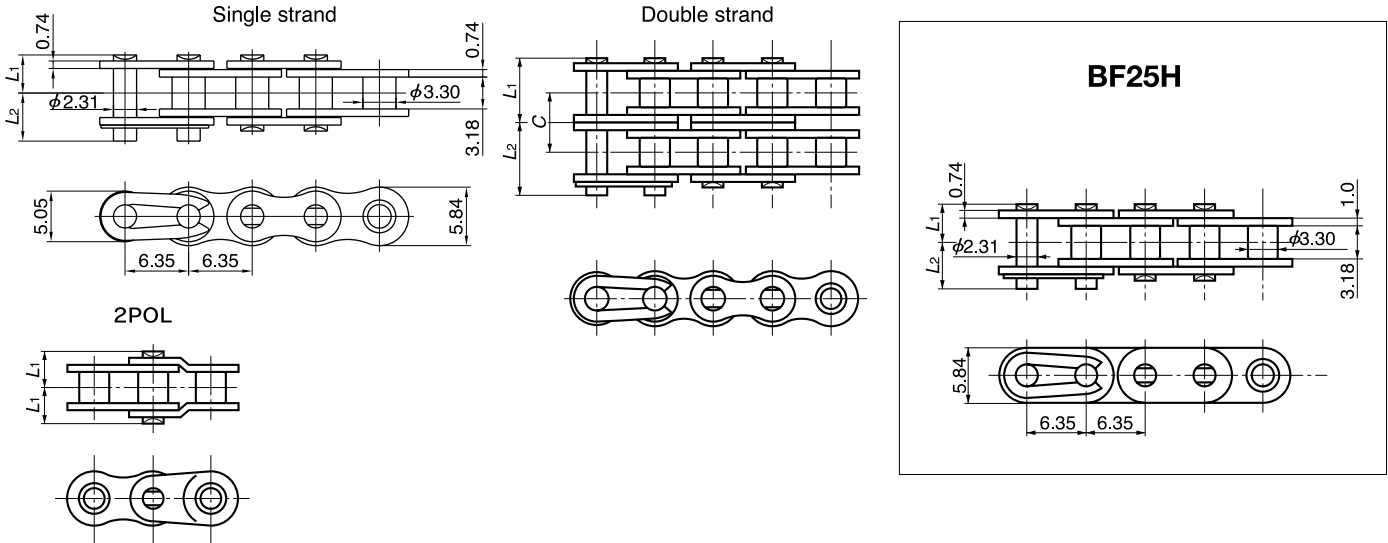


RS25, BF25H



Drawing Scale 1.25/1

TSUBAKI Chain Number	Number of Strands	Pin Length L ₁ +L ₂	Dimensions L ₁	Dimensions L ₂	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
RS25	1	8.3	3.8	4.5	-	Riveting	3.6 {367}	4.12 {420}	4.71 {480}	0.64 {65}	0.14
RS25-2	2	14.7	6.95	7.75	6.4		7.2 {734}	8.24 {840}	9.41 {960}	1.08 {110}	0.27
RS25-3	3	21.1	10.15	10.95	6.4		10.8 {1101}	12.4 {1260}	14.1 {1440}	1.57 {160}	0.42
BF25H	1	8.82	4.01	4.81	-		- { - }	- { - }	5.88 {600}	0.78 {80}	0.17

Note: 1. The offset link of the RS25 is a two-pitch offset link only. 2. The BF25H has no offset links. 3. Number of links per unit =160
4. The RS25 and BF25H are both bushed chains.

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

Small Sprocket No. of Teeth	Small Sprocket Max r/min																								
	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	0.02	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	0.54	0.47	0.42	0.37	0.33	0.30	0.27	0.25	0.22	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	0.48	0.43	0.39	0.35	0.31	0.29	0.26	0.22
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	0.87	0.74	0.64	0.56	0.50	0.45	0.40	0.37	0.34	0.31	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	0.72	0.64	0.57	0.51	0.46	0.42	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	0.51	0.47	0.43	0.40	0.34
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	0.81	0.72	0.64	0.57	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	1.01	0.90	0.79	0.71	0.64	0.58	0.53	0.48	0.42
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	1.22	1.07	0.96	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	1.03	1.21	1.43	1.64	1.85	1.81	1.54	1.34	1.17	1.04	0.93	0.84	0.76	0.69	0.64	0.54
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	1.95	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	0.90	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	2.27	1.94	1.69	1.48	1.31	1.17	1.06	0.96	0.87	0.81	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	1.40	1.26	1.13	1.03	0.94	0.87	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	2.22	1.93	1.69	1.50	1.34	1.21	1.10	1.01	0.93	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	0.90
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	1.61	1.45	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	2.01	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	2.87	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	3.66	3.17	2.78	2.46	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	5.10	4.42	3.89	3.45	3.08	2.78	2.52	2.31	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	4.63	4.11	3.68	3.32	3.01	2.75	2.52	2.16

Note: 1. 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
	Triple strand	2.5

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