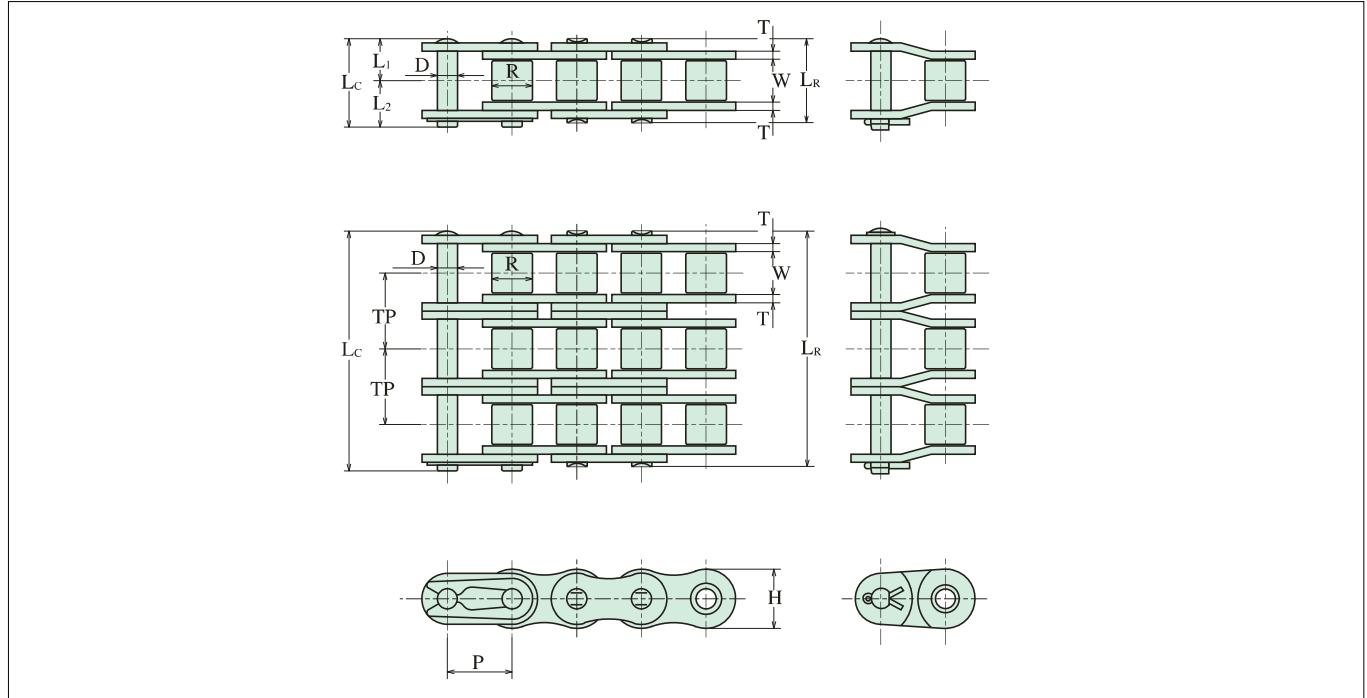


# 35 (BUSHED CHAIN)



Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Bushing		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length		Height H	Thick. T						
35					12.00	12.90	6.00	6.90			—	10.80	2.48	0.34
35-2	9.525	4.80	5.08	3.58	22.10	23.00	11.10	11.90	8.90	1.25	10.10	21.60	3.67	0.63
35-3					32.20	33.10	16.10	17.00				32.40	5.40	0.92

## KILOWATT RATING OF 35

(kw)

No. of Teeth Small Spt.	Revolutions per Minute(RPM)-Small Sprocket																			
	50	100	300	500	700	900	1200	1500	1800	2100	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
	Lubrication Method																			
	A			B			C						D							
11	0.10	0.20	0.52	0.83	1.12	1.41	1.83	2.23	2.63	3.02	2.88	2.19	1.74	1.42	1.19	1.02	0.88	0.77	0.69	0.61
12	0.11	0.21	0.58	0.91	1.24	1.55	2.01	2.45	2.89	3.32	3.28	2.50	1.98	1.62	1.36	1.16	1.01	0.88	0.78	0.70
13	0.13	0.23	0.63	0.99	1.35	1.69	2.19	2.67	3.15	3.62	3.70	2.82	2.23	1.83	1.53	1.31	1.13	1.00	0.88	0.79
14	0.14	0.25	0.68	1.08	1.46	1.83	2.37	2.90	3.41	3.92	4.14	3.15	2.50	2.04	1.71	1.46	1.27	1.11	0.99	0.88
15	0.15	0.27	0.73	1.16	1.57	1.97	2.55	3.12	3.68	4.23	4.59	3.49	2.77	2.27	1.90	1.62	1.41	1.23	1.09	0.98
16	0.16	0.29	0.79	1.25	1.69	2.11	2.74	3.35	3.94	4.53	5.05	3.84	3.05	2.50	2.09	1.79	1.55	1.36	1.21	1.08
17	0.17	0.31	0.84	1.33	1.80	2.26	2.92	3.57	4.21	4.84	5.54	4.21	3.34	2.73	2.29	1.96	1.70	1.49	1.32	1.18
18	0.18	0.33	0.89	1.41	1.91	2.40	3.11	3.80	4.48	5.14	6.02	4.59	3.64	2.98	2.50	2.13	1.85	1.62	1.44	1.29
19	0.19	0.35	0.95	1.50	2.03	2.54	3.30	4.03	4.75	5.45	6.38	4.98	3.95	3.23	2.71	2.31	2.00	1.76	1.56	1.40
20	0.20	0.37	1.00	1.58	2.14	2.69	3.48	4.26	5.02	5.76	6.74	5.37	4.26	3.49	2.92	2.50	2.16	1.90	1.68	1.51
21	0.21	0.39	1.05	1.67	2.26	2.83	3.67	4.49	5.29	6.08	7.11	5.78	4.59	3.75	3.15	2.69	2.33	2.04	1.81	1.62
22	0.22	0.41	1.11	1.76	2.38	2.98	3.86	4.72	5.56	6.39	7.48	6.20	4.92	4.03	3.37	2.88	2.50	2.19	1.94	1.74
23	0.23	0.43	1.16	1.84	2.49	3.13	4.05	4.95	5.84	6.70	7.84	6.63	5.26	4.30	3.61	3.08	2.67	2.34	2.08	1.86
24	0.24	0.45	1.22	1.93	2.61	3.27	4.24	5.19	6.11	7.02	8.21	7.06	5.61	4.59	3.84	3.28	2.85	2.50	2.21	1.98
25	0.25	0.47	1.27	2.02	2.73	3.42	4.43	5.42	6.39	7.34	8.58	7.51	5.96	4.88	4.09	3.49	3.03	2.65	2.35	2.11
26	0.26	0.49	1.33	2.10	2.85	3.57	4.63	5.65	6.66	7.65	8.95	7.96	6.32	5.17	4.34	3.70	3.21	2.82	2.50	2.23
28	0.29	0.54	1.44	2.28	3.08	3.87	5.01	6.12	7.22	8.29	9.70	8.90	7.06	5.78	4.84	4.14	3.59	3.15	2.79	2.50
30	0.31	0.58	1.55	2.45	3.32	4.17	5.40	6.60	7.78	8.93	10.45	9.87	7.83	6.41	5.37	4.59	3.98	3.49	3.10	2.77
32	0.33	0.62	1.66	2.63	3.56	4.47	5.79	7.07	8.34	9.58	11.20	10.87	8.63	7.06	5.92	5.05	4.38	3.84	3.41	3.05
35	0.37	0.68	1.83	2.90	3.93	4.92	6.38	7.79	9.18	10.55	12.34	12.44	9.87	8.08	6.77	5.78	5.01	4.40	3.90	3.49
40	0.42	0.79	2.12	3.35	4.53	5.68	7.36	9.00	10.61	12.19	14.26	15.20	12.06	9.87	8.27	7.06	6.12	5.37	4.77	4.26
45	0.48	0.89	2.40	3.80	5.15	6.46	8.36	10.22	12.05	13.84	16.19	18.13	14.39	11.78	9.87	8.43	7.31	6.41	5.69	5.09

Note: Lubricated types A,B,C and D on the table are shown on page 70.

: Whenever possible, selection should not be made from the colored sections of the table.