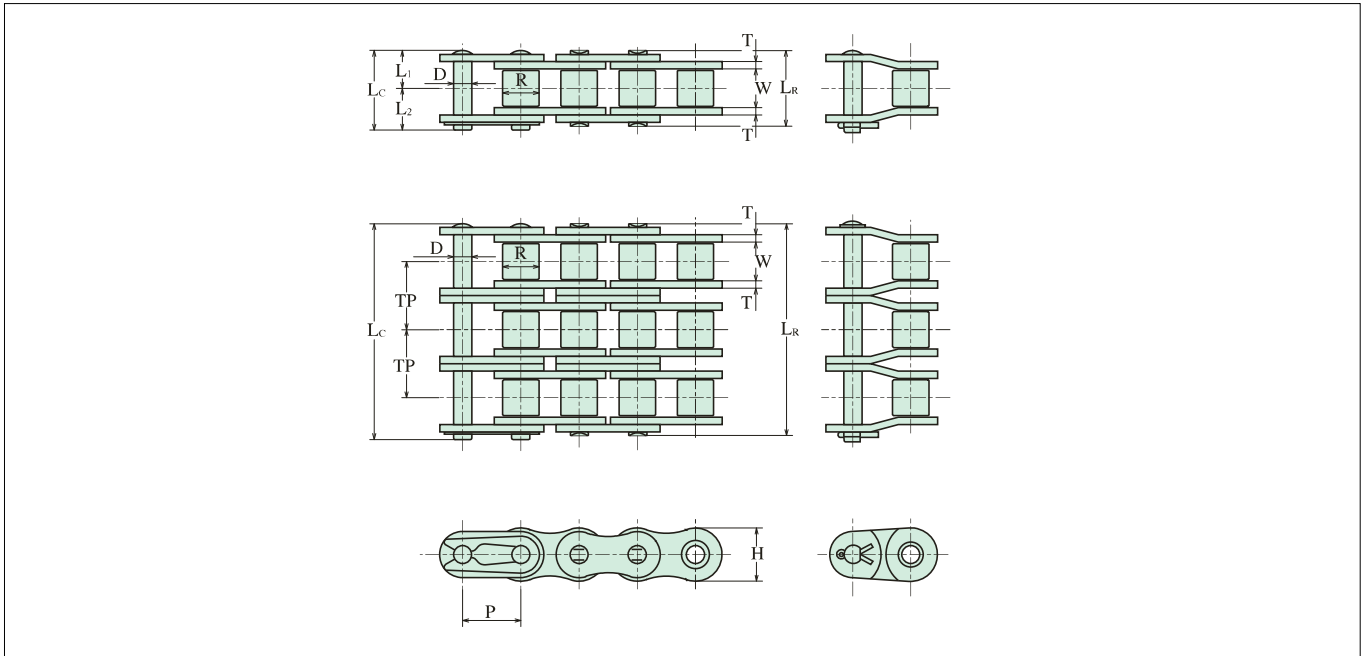


40



Chain No.	Dimensions - mm											Average Ultimate Strength kN	Maximum Allowable Load kN	Average Chain Weight kg/m
	Pitch P	Roller		Pin				Plate		Trans. Pitch TP				
		Width W	Dia. R	Dia. D	Length			Height H	Thick. T					
					LR	LC	L1	L2						
40					16.50	17.90	8.30	9.60			—	19.10	4.17	0.60
40-2	12.70	7.95	7.92	3.96	30.80	32.20	15.40	16.80	11.60	1.50	14.40	38.20	6.17	1.22
40-3					45.00	46.60	22.50	24.10				57.30	9.08	1.85
40-4					60.00	60.80	30.00	30.80				76.40	12.00	2.46

KILOWATT RATING OF 40

(kw)

No. of Teeth Small Spkt.	Revolutions per Minute(RPM)-Small Sprocket																			
	10	25	50	100	200	300	400	500	700	900	1000	1200	1400	1600	1800	2100	2400	2700	3000	3500
	Lubrication Method																			
	A				B				C											
11	0.06	0.13	0.25	0.46	0.86	1.24	1.61	1.97	2.66	3.34	3.67	4.32	4.97	4.15	3.48	2.76	2.26	1.89	1.62	1.28
12	0.06	0.15	0.27	0.51	0.95	1.36	1.77	2.16	2.92	3.67	4.03	4.75	5.46	4.73	3.96	3.15	2.58	2.16	1.84	1.46
13	0.07	0.16	0.30	0.55	1.03	1.49	1.93	2.35	3.19	4.00	4.39	5.18	5.95	5.33	4.47	3.55	2.90	2.43	2.08	1.65
14	0.08	0.17	0.32	0.60	1.12	1.61	2.09	2.55	3.45	4.33	4.76	5.61	6.44	5.96	5.00	3.96	3.25	2.72	2.32	1.84
15	0.08	0.19	0.35	0.65	1.20	1.74	2.25	2.75	3.72	4.66	5.13	6.04	6.94	6.61	5.54	4.40	3.60	3.02	2.58	2.04
16	0.09	0.20	0.37	0.69	1.29	1.86	2.41	2.95	3.99	5.00	5.50	6.48	7.44	7.28	6.10	4.84	3.96	3.32	2.84	2.25
17	0.09	0.21	0.40	0.74	1.38	1.99	2.57	3.15	4.26	5.34	5.87	6.92	7.95	7.98	6.69	5.31	4.34	3.64	3.11	2.47
18	0.10	0.23	0.42	0.79	1.47	2.11	2.74	3.35	4.53	5.68	6.25	7.36	8.45	8.69	7.28	5.78	4.73	3.96	3.39	2.69
19	0.10	0.24	0.45	0.83	1.56	2.24	2.90	3.55	4.80	6.02	6.62	7.80	8.96	9.43	7.90	6.27	5.13	4.30	3.67	2.91
20	0.11	0.25	0.47	0.88	1.64	2.37	3.07	3.75	5.08	6.36	7.00	8.25	9.47	10.18	8.53	6.77	5.54	4.64	3.96	3.15
21	0.12	0.27	0.50	0.93	1.73	2.50	3.23	3.95	5.35	6.71	7.38	8.69	9.99	10.95	9.18	7.28	5.96	5.00	4.27	3.39
22	0.12	0.28	0.52	0.98	1.82	2.62	3.40	4.16	5.63	7.05	7.76	9.14	10.50	11.74	9.84	7.81	6.39	5.36	4.57	3.63
23	0.13	0.29	0.55	1.02	1.91	2.75	3.57	4.36	5.90	7.40	8.14	9.59	11.02	12.42	10.52	8.35	6.83	5.73	4.89	3.88
24	0.14	0.31	0.57	1.07	2.00	2.88	3.74	4.57	6.18	7.75	8.52	10.04	11.53	13.01	11.21	8.90	7.28	6.10	5.21	4.14
25	0.14	0.32	0.60	1.12	2.09	3.01	3.90	4.77	6.46	8.10	8.90	10.49	12.05	13.59	11.92	9.46	7.74	6.49	5.54	4.40
26	0.15	0.34	0.63	1.17	2.18	3.14	4.07	4.98	6.74	8.45	9.29	10.95	12.58	14.18	12.64	10.03	8.21	6.88	5.88	4.66
28	0.16	0.36	0.68	1.27	2.36	3.41	4.41	5.39	7.30	9.15	10.06	11.86	13.62	15.36	14.13	11.21	9.18	7.69	6.57	5.21
30	0.17	0.39	0.73	1.37	2.55	3.67	4.75	5.81	7.87	9.86	10.80	12.78	14.68	16.55	15.67	12.44	10.18	8.53	7.28	5.78
32	0.18	0.42	0.78	1.46	2.73	3.93	5.10	6.23	8.43	10.60	11.60	13.70	15.74	17.75	17.27	13.70	11.21	9.40	8.02	6.37
35	0.20	0.46	0.86	1.61	3.01	4.33	5.61	6.86	9.29	11.60	12.80	15.09	17.34	19.55	19.75	15.67	12.83	10.75	9.18	7.28
40	0.23	0.53	1.00	1.86	3.48	5.01	6.49	7.93	10.70	13.50	14.80	17.43	20.03	22.58	24.13	19.15	15.67	13.13	11.21	8.90
45	0.27	0.61	1.13	2.12	3.95	5.69	7.37	9.00	12.20	15.30	16.80	19.80	22.74	25.65	28.51	22.85	18.70	15.67	13.38	10.62
	A				B				C				D							

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.