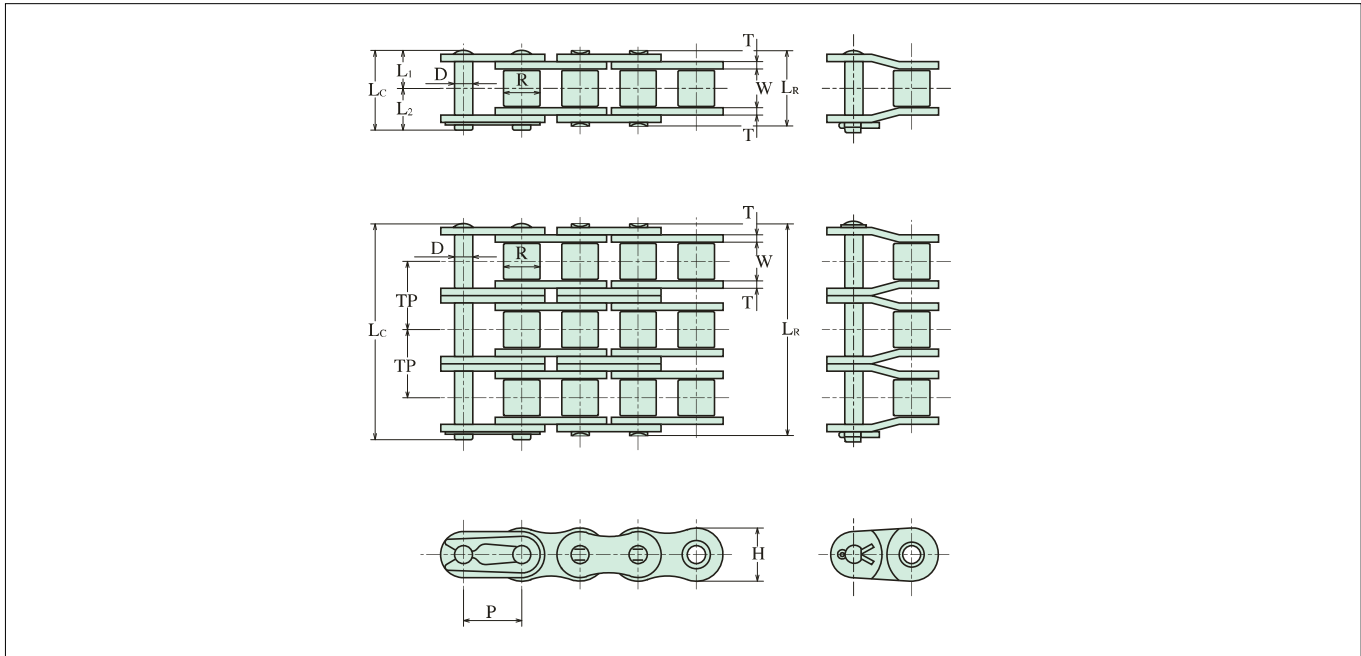


50



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					
50					20.40	22.00	10.20	11.80			—	31.90	7.22	0.98
50-2	15.875	9.53	10.16	5.08	38.40	40.00	19.20	20.80	14.50	2.00	18.10	63.80	10.70	2.00
50-3					56.70	58.20	28.40	29.80				95.70	15.70	3.07
50-4					75.00	75.70	37.50	38.20				128.00	20.70	3.97

KILOWATT RATING OF 50

(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					D				
11	0.11	0.26	0.48	0.90	1.68	2.42	3.13	3.83	5.18	6.49	7.14	7.64	6.06	4.96	4.16	3.30	2.70	2.26	1.93	1.53
12	0.12	0.28	0.53	0.99	1.84	2.65	3.44	4.20	5.69	7.13	7.84	8.71	6.91	5.66	4.74	3.76	3.08	2.58	2.20	1.75
13	0.14	0.31	0.58	1.08	2.01	2.89	3.75	4.58	6.20	7.78	8.55	9.82	7.79	6.38	5.34	4.24	3.47	2.91	2.48	1.97
14	0.15	0.33	0.62	1.17	2.18	3.13	4.06	4.96	6.72	8.43	9.26	10.90	8.71	7.13	5.97	4.74	3.88	3.25	2.78	2.20
15	0.16	0.36	0.67	1.26	2.34	3.38	4.38	5.35	7.24	9.08	9.98	11.80	9.66	7.90	6.62	5.26	4.30	3.61	3.08	2.44
16	0.17	0.39	0.72	1.35	2.51	3.62	4.69	5.73	7.76	9.73	10.70	12.60	10.60	8.71	7.30	5.79	4.74	3.97	3.39	2.69
17	0.18	0.41	0.77	1.44	2.68	3.87	5.01	6.12	8.29	10.40	11.40	13.50	11.70	9.54	7.99	6.34	5.19	4.35	3.71	2.95
18	0.19	0.44	0.82	1.53	2.85	4.11	5.33	6.51	8.82	11.10	12.20	14.30	12.70	10.40	8.71	6.91	5.66	4.74	4.05	3.21
19	0.20	0.47	0.87	1.62	3.03	4.36	5.65	6.90	9.35	11.70	12.90	15.20	13.80	11.30	9.44	7.49	6.13	5.14	4.39	3.48
20	0.22	0.49	0.92	1.71	3.20	4.61	5.97	7.30	9.88	12.40	13.60	16.00	14.90	12.20	10.20	8.09	6.62	5.55	4.74	3.76
21	0.23	0.52	0.97	1.81	3.37	4.86	6.29	7.69	10.40	13.10	14.40	16.90	16.00	13.10	11.00	8.71	7.13	5.97	5.10	4.05
22	0.24	0.55	1.02	1.90	3.55	5.11	6.62	8.09	10.90	13.70	15.10	17.80	17.20	14.00	11.80	9.34	7.64	6.40	5.47	4.34
23	0.25	0.57	1.07	1.99	3.72	5.36	6.94	8.49	11.50	14.40	15.80	18.70	18.30	15.00	12.60	9.98	8.17	6.85	5.85	4.64
24	0.26	0.60	1.12	2.09	3.90	5.61	7.27	8.89	12.00	15.10	16.60	19.50	19.50	16.00	13.40	10.60	8.71	7.30	6.23	4.94
25	0.27	0.63	1.17	2.18	4.07	5.86	7.60	9.29	12.60	15.80	17.30	20.40	20.80	17.00	14.30	11.30	9.26	7.76	6.62	5.26
26	0.29	0.65	1.22	2.28	4.25	6.12	7.93	9.69	13.10	16.40	18.10	21.30	22.00	18.00	15.10	12.00	9.82	8.23	7.03	5.58
28	0.31	0.71	1.32	2.47	4.60	6.63	8.59	10.50	14.20	17.80	19.60	23.10	24.60	20.20	16.90	13.40	11.00	9.20	7.85	6.23
30	0.33	0.76	1.42	2.66	4.96	7.14	9.25	11.30	15.30	19.20	21.10	24.90	27.30	22.40	18.70	14.90	12.20	10.20	8.71	6.91
32	0.36	0.82	1.53	2.85	5.31	7.66	9.92	12.10	16.40	20.60	22.60	26.70	30.10	24.60	20.60	16.40	13.40	11.20	9.59	7.61
35	0.39	0.90	1.68	3.14	5.85	8.43	10.90	13.40	18.10	22.70	24.90	29.40	33.70	28.20	23.60	18.70	15.30	12.90	11.00	8.71
40	0.46	1.04	1.94	3.62	6.76	9.74	12.60	15.40	20.90	26.20	28.80	33.90	39.00	34.40	28.80	22.90	18.70	15.70	13.40	10.60
45	0.52	1.18	2.21	4.12	7.68	11.10	14.30	17.50	23.70	29.70	32.70	38.50	44.30	41.10	34.40	27.30	22.40	18.70	16.00	12.70

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.