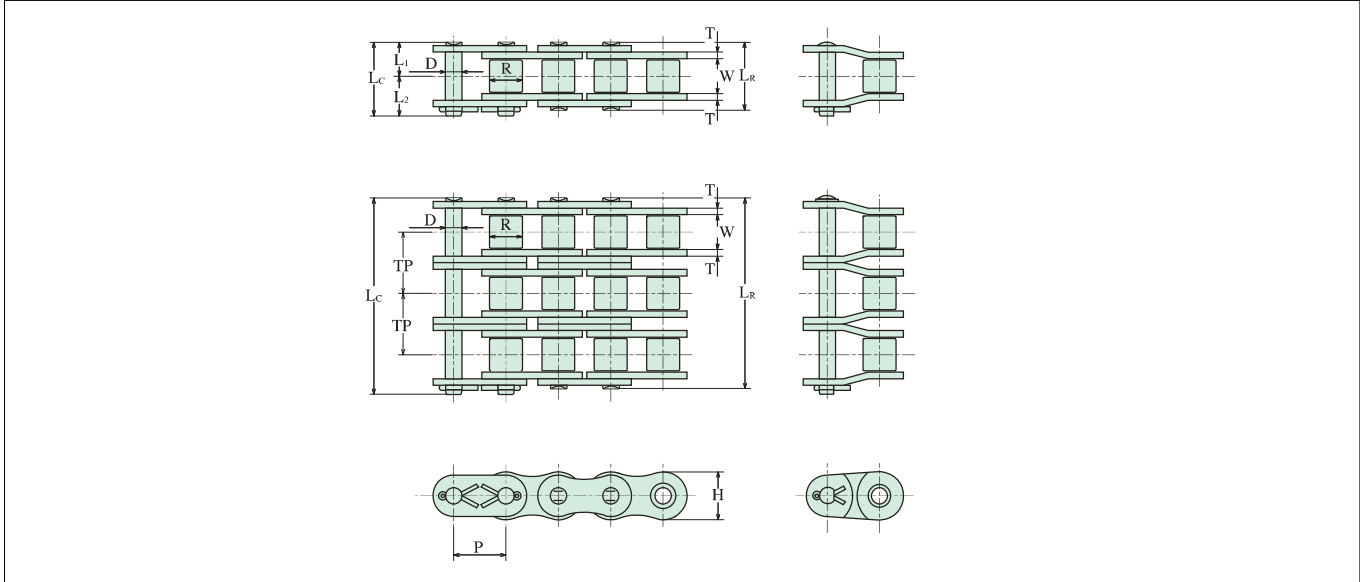


120



Chain No.	Dimensions - mm											Average Ultimate Strength	Maximum Allowable Load	Average Chain Weight
	Pitch	Roller		Pin				Plate		Trans. Pitch				
		Width	Dia.	Dia.	Length			Height	Thick.					
	P	W	R	D	LR	LC	L1	L2	H	T	TP			
120	38.10	25.40	22.23	11.10	49.50	53.40	24.80	28.60	35.10	4.80	—	167.00	39.50	5.76
120-2					94.90	98.80	47.50	51.30			334.00	51.70	11.49	
120-3					140.30	144.20	70.20	74.00			501.00	76.00	17.20	
120-4					186.10	190.00	93.10	96.90			668.00	100.00	22.92	
120-5					231.50	235.40	115.80	119.60			835.00	119.00	28.65	
120-6					276.90	280.80	138.50	142.30			1002.00	140.00	34.36	

KILOWATT RATING OF 120

(kw)

No. of Teeth Small Spkt.	Revolutions per Minute(RPM)-Small Sprocket																	
	10	25	50	100	150	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400
	A				B				C				D					
	Lubrication Method																	
11	2.04	4.66	8.70	16.20	23.40	30.30	43.60	56.50	57.20	43.50	34.60	28.30	23.70	20.20	17.50	15.40	13.70	12.20
12	2.24	5.12	9.55	17.80	25.70	33.30	47.90	62.10	65.20	49.60	39.40	32.20	27.00	23.10	20.00	17.50	15.60	13.90
13	2.45	5.58	10.40	19.40	28.00	36.30	52.20	67.70	73.50	55.90	44.40	36.30	30.50	26.00	22.50	19.80	17.50	15.70
14	2.65	6.05	11.30	21.10	30.30	39.30	56.60	73.30	82.20	62.50	49.60	40.60	34.00	29.10	25.20	22.10	19.60	17.50
15	2.86	6.52	12.20	22.70	32.70	42.30	61.00	79.00	91.10	69.30	55.00	45.00	37.70	32.20	27.90	24.50	21.70	19.50
16	3.06	6.99	13.00	24.30	35.00	45.40	65.40	84.70	100.00	76.40	60.60	49.60	41.60	35.50	30.80	27.00	24.00	21.40
17	3.27	7.46	13.90	26.00	37.40	48.50	69.80	90.40	110.00	83.70	66.40	54.30	45.50	38.90	33.70	29.60	26.20	23.50
18	3.48	7.93	14.80	27.60	39.80	51.60	74.30	96.20	118.00	91.10	72.30	59.20	49.60	42.40	36.70	32.20	28.60	25.60
19	3.69	8.41	15.70	29.30	42.20	54.70	78.70	102.00	125.00	98.80	78.40	64.20	53.80	45.90	39.80	34.90	31.00	27.70
20	3.90	8.89	16.60	31.00	44.60	57.80	83.20	108.00	132.00	107.00	84.70	69.30	58.10	49.60	43.00	37.70	33.50	30.00
21	4.11	9.37	17.50	32.60	47.00	60.90	87.70	114.00	139.00	115.00	91.10	74.60	62.50	53.40	46.30	40.60	36.00	32.20
22	4.32	9.85	18.40	34.30	49.40	64.00	92.20	119.00	146.00	123.00	97.70	80.00	67.00	57.20	49.60	43.50	38.60	34.60
23	4.53	10.30	19.30	36.00	51.90	67.20	96.80	125.00	153.00	132.00	104.00	85.50	71.70	61.20	53.00	46.50	41.30	36.90
24	4.75	10.80	20.20	37.70	54.30	70.30	101.00	131.00	160.00	140.00	111.00	91.10	76.40	65.20	56.50	49.60	44.00	39.40
25	4.96	11.30	21.10	39.40	56.70	73.50	106.00	137.00	168.00	149.00	118.00	96.90	81.20	69.30	60.10	52.70	46.80	41.90
26	5.17	11.80	22.00	41.10	59.20	76.70	110.00	143.00	175.00	158.00	126.00	103.00	86.10	73.50	63.70	55.90	49.60	44.40
28	5.60	12.80	23.90	44.50	64.10	83.10	120.00	155.00	190.00	177.00	140.00	115.00	96.30	82.20	71.20	62.50	55.40	49.60
30	6.04	13.80	25.70	48.00	69.10	89.50	129.00	167.00	204.00	196.00	156.00	127.00	107.00	91.10	79.00	69.30	61.50	55.00
32	6.47	14.80	27.60	51.40	74.10	96.00	138.00	179.00	219.00	216.00	171.00	140.00	118.00	100.00	87.00	76.40	67.70	60.60
35	7.13	16.30	30.40	56.70	81.60	106.00	152.00	197.00	241.00	247.00	196.00	161.00	135.00	115.00	99.60	87.40	77.50	69.30
40	8.24	18.80	35.10	65.40	94.30	122.00	176.00	228.00	279.00	302.00	240.00	196.00	164.00	140.00	122.00	107.00	94.70	84.70
45	9.36	21.30	39.80	74.30	107.00	139.00	200.00	259.00	316.00	360.00	286.00	234.00	196.00	167.00	145.00	127.00	113.00	101.00

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.