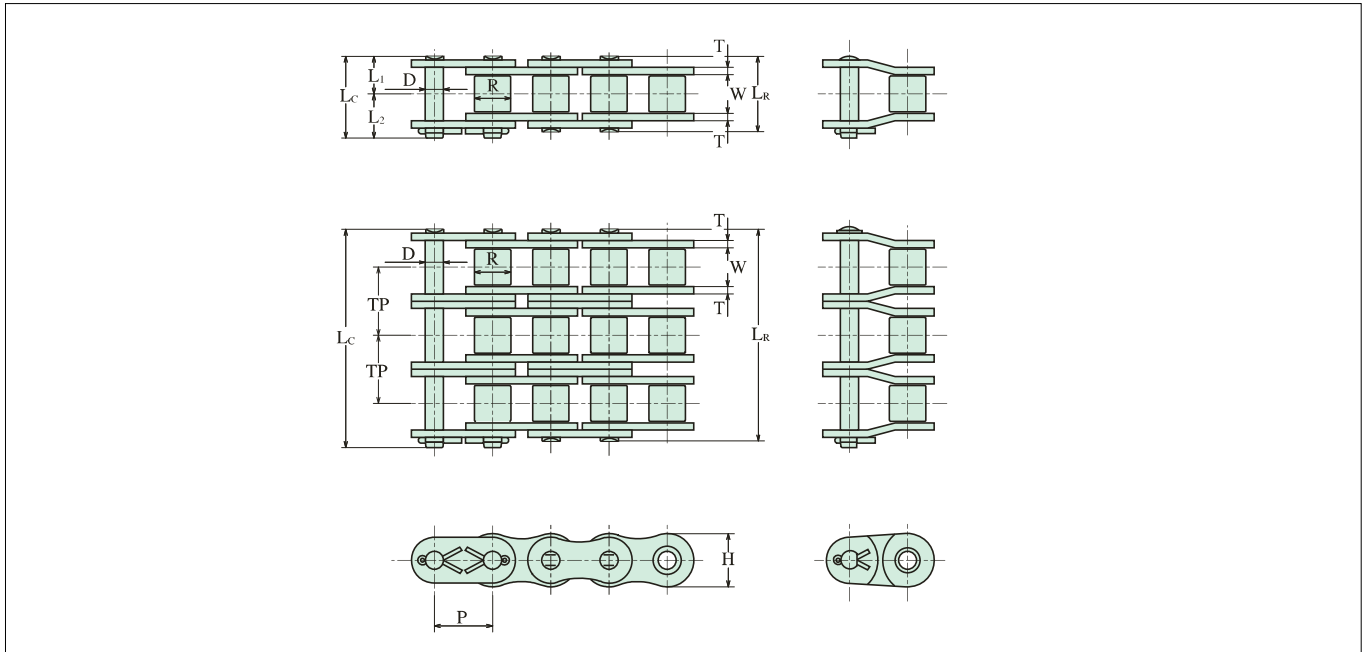


## 180



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					
					L <sub>R</sub>	L <sub>C</sub>	L <sub>1</sub>	L <sub>2</sub>						
180					72.50	78.40	36.30	42.10			—	353.00	79.00	13.39
180-2	57.15	35.70	35.70	17.45	138.20	144.00	69.10	74.90	52.50	7.20	65.80	706.00	98.40	26.62
180-3					204.50	210.20	102.30	107.90				1059.00	145.00	39.85
180-4					270.20	275.90	135.10	140.80				1412.00	191.00	53.08

## KILOWATT RATING OF 180

(kw)

No. of Teeth Small Splt.	Revolutions per Minute(RPM)-Small Sprocket																	
	10	25	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
	A				B				C				D					
9	5.10	11.60	21.70	40.50	58.34	75.60	92.40	109.00	100.00	81.90	68.60	58.60	50.80	44.60	39.50	35.40	31.90	29.00
10	5.70	13.00	24.30	45.40	65.37	84.70	104.00	122.00	117.00	95.90	80.40	68.60	59.50	52.20	46.30	41.40	37.40	33.90
11	6.30	14.40	27.00	50.30	72.46	93.90	115.00	135.00	135.00	111.00	92.70	79.20	68.60	60.20	53.40	47.80	43.10	39.10
12	7.00	15.90	29.60	55.30	79.60	103.00	126.00	149.00	154.00	126.00	106.00	90.20	78.20	68.60	60.90	54.50	49.10	44.60
13	7.60	17.30	32.30	60.30	86.79	112.00	137.00	162.00	174.00	142.00	119.00	102.00	88.20	77.40	68.60	61.40	55.40	50.30
14	8.20	18.70	35.00	65.30	94.02	122.00	149.00	175.00	194.00	159.00	133.00	114.00	98.50	86.50	76.70	68.60	61.90	56.20
15	8.90	20.20	37.70	70.30	101.00	131.00	160.00	189.00	215.00	176.00	148.00	126.00	109.00	95.90	85.10	76.10	68.60	62.30
16	9.50	21.70	40.40	75.40	109.00	141.00	172.00	203.00	233.00	194.00	163.00	139.00	120.00	106.00	93.70	83.80	75.60	68.60
17	10.10	23.10	43.10	80.50	116.00	150.00	184.00	216.00	249.00	213.00	178.00	152.00	132.00	116.00	103.00	91.80	82.80	75.20
18	10.80	24.60	45.90	85.60	123.00	160.00	195.00	230.00	264.00	232.00	194.00	166.00	144.00	126.00	112.00	100.00	90.20	81.90
19	11.40	26.10	48.60	90.80	131.00	169.00	207.00	244.00	280.00	251.00	210.00	180.00	156.00	137.00	121.00	108.00	97.80	88.80
20	12.10	27.60	51.40	95.90	138.00	179.00	219.00	258.00	296.00	271.00	227.00	194.00	168.00	148.00	131.00	117.00	106.00	95.90
21	12.70	29.00	54.20	101.00	146.00	189.00	231.00	272.00	312.00	292.00	245.00	209.00	181.00	159.00	141.00	126.00	114.00	103.00
22	13.40	30.50	57.00	106.00	153.00	198.00	243.00	286.00	328.00	313.00	262.00	224.00	194.00	170.00	151.00	135.00	122.00	111.00
23	14.00	32.00	59.80	112.00	161.00	208.00	255.00	300.00	345.00	335.00	280.00	239.00	207.00	182.00	161.00	145.00	130.00	118.00
24	14.70	33.50	62.60	117.00	168.00	218.00	266.00	314.00	361.00	357.00	299.00	255.00	221.00	194.00	172.00	154.00	139.00	126.00
25	15.40	35.10	65.40	122.00	176.00	228.00	279.00	328.00	377.00	379.00	318.00	271.00	235.00	206.00	183.00	164.00	148.00	134.00
26	16.00	36.60	68.30	127.00	183.00	238.00	291.00	342.00	393.00	402.00	337.00	288.00	249.00	219.00	194.00	174.00	157.00	142.00
28	17.40	39.60	73.90	138.00	199.00	257.00	315.00	371.00	426.00	449.00	377.00	322.00	279.00	245.00	217.00	194.00	175.00	159.00
30	18.70	42.70	79.70	149.00	214.00	277.00	339.00	400.00	459.00	498.00	418.00	357.00	309.00	271.00	241.00	215.00	194.00	176.00
32	20.10	45.80	85.40	159.00	230.00	297.00	364.00	428.00	492.00	549.00	460.00	393.00	340.00	299.00	265.00	237.00	214.00	194.00
35	22.10	50.40	94.10	176.00	253.00	328.00	401.00	472.00	542.00	611.00	526.00	449.00	389.00	342.00	303.00	271.00	245.00	222.00
40	25.50	58.20	109.00	203.00	292.00	378.00	463.00	545.00	626.00	706.00	643.00	549.00	476.00	418.00	370.00	331.00	299.00	271.00
45	29.00	66.10	123.00	230.00	332.00	430.00	525.00	619.00	711.00	802.00	767.00	655.00	568.00	498.00	442.00	395.00	357.00	324.00

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.