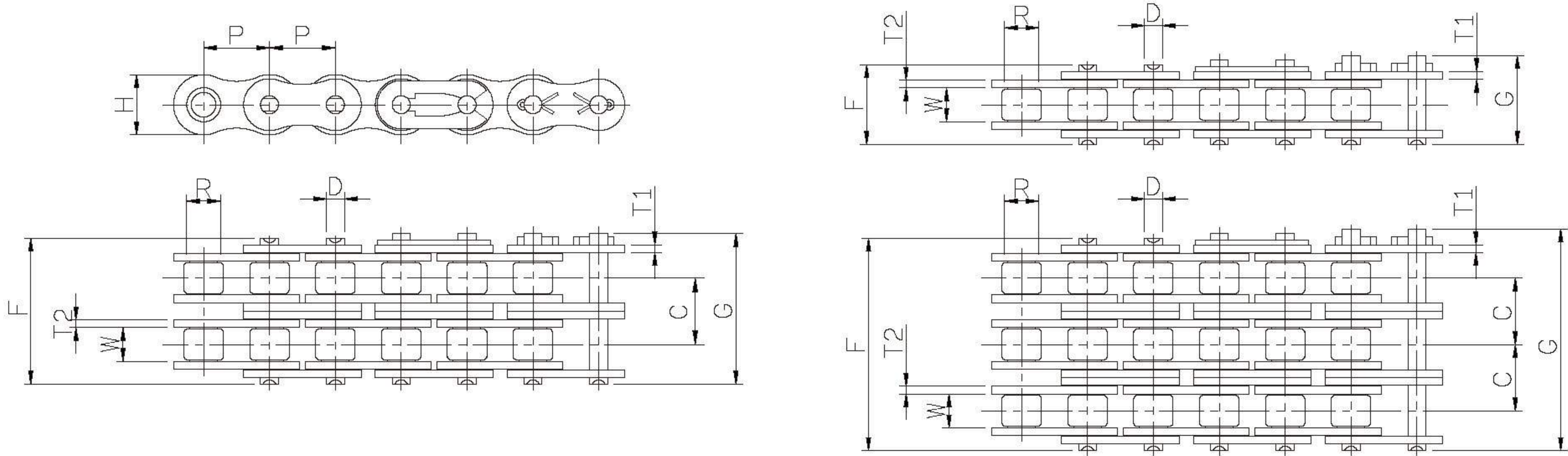


ISO " B " ROLLER CHAIN



CHAIN NO.	Pitch		Width	Roller	Plate			Pin			Transverse	Ultimate	Approx
	P		W	Dia	Height	Thickness		Dia	Length		Pitch	Strength	Weight
	inch	mm	(min)	R(max)	H(max)	T1	T2	D(max)	F(max)	G(max)	C	kgf(min)	kg/m
05B	0.315"	8.00	3.00	5.00	7.11	0.75	0.75	2.31	8.6	11.7	—	449	0.16
05B-2	0.315"	8.00	3.00	5.00	7.11	0.75	0.75	2.31	14.3	17.4	5.64	796	0.30
06B	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	13.5	16.8	—	908	0.39
06B-2	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	23.8	27.1	10.24	1724	0.74
06B-3	0.375"	9.525	5.72	6.35	8.26	1.00	1.30	3.28	34.0	37.3	10.24	2541	1.09
08B	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	17.0	20.9	—	1816	0.65
08B-2	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	31.0	34.9	13.92	3173	1.30
08B-3	0.5"	12.70	7.75	8.51	11.81	1.50	1.50	4.45	44.9	48.8	13.92	4541	1.92
10B	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	19.6	23.7	—	2265	0.92
10B-2	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	36.2	40.3	16.59	4541	1.68
10B-3	0.625"	15.875	9.65	10.16	14.73	1.50	1.50	5.08	52.8	56.9	16.59	6806	2.62
12B	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	22.7	27.3	—	2949	1.24
12B-2	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	42.2	46.8	19.46	5898	2.28
12B-3	0.75"	19.05	11.68	12.07	16.13	1.70	1.80	5.72	61.7	66.3	19.46	8847	3.55
16B	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	36.1	41.5	—	6122	2.65
16B-2	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	68.0	73.4	31.88	10816	5.25
16B-3	1"	25.40	17.02	15.88	21.08	3.20	4.00	8.28	99.9	105.3	31.88	16327	7.86
20B	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	43.2	49.3	—	9694	3.85
20B-2	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	79.7	85.8	36.45	17347	7.65
20B-3	1.25"	31.75	19.56	19.05	26.42	3.50	4.50	10.19	116.1	122.2	36.45	25510	11.45
24B	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	53.4	60.0	—	16327	7.60
24B-2	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	101.8	108.4	48.36	28571	14.80
24B-3	1.5"	38.10	25.40	25.40	33.40	5.20	6.00	14.63	150.2	156.8	48.36	43367	21.90
28B	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	65.1	72.5	—	20408	9.05
28B-2	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	124.7	132.1	59.56	36735	17.12
28B-3	1.75"	44.45	30.99	27.94	37.08	6.30	7.50	15.90	184.3	191.7	59.56	54082	25.61
32B	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	67.4	75.3	—	25510	10.63
32B-2	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	126.0	133.9	58.55	45918	20.85
32B-3	2"	50.80	30.99	29.21	42.29	6.30	7.10	17.81	184.5	192.4	58.55	68367	31.57
40B	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	82.6	92.8	—	36224	16.25
40B-2	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	154.9	165.1	72.29	64286	31.86
40B-3	2.5"	63.50	38.10	39.37	52.96	8.00	8.50	22.89	227.2	237.4	72.29	96939	48.14
48B	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	99.1	109.6	—	57143	25.05
48B-2	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	190.4	200.9	91.21	102041	49.83
48B-3	3"	76.20	45.72	48.26	63.88	10.0	12.1	29.24	281.6	292.1	91.21	153061	75.07
56B	3.5"	88.90	53.34	53.98	77.85	12.3	13.6	34.32	114.6	126.3	—	86735	35.80
56B-2	3.5"	88.90	53.34	53.98	77.85	12.3	13.6	34.32	221.2	232.9	106.6	163265	71.50

ANTI-CORROSIVE CHAIN



CORROSION RESISTANT CHAIN (CR-Chain)

"CR" chain is an excellent choice for drives requiring both corrosion resistance and high allowable load. Parts are made from heat treated standard carbon steel and with unique corrosion-resistant coating. This coating consists of zinc flakes, chromate and pore-sealing, silver-gray, smooth and uniform appearance. CR-Chains has excellent corrosion resistance performance, warranty resistant to at least 500 hours of salt spray test (ASTM B117 by 5% NaCl solution). With equivalent strength and wear resistant to standard carbon chains but longer lasting than standard, nickel-plated and even zinc-plated chains and cost much less than stainless steel chains.

(Note: CR-Chain is good for outdoor operation, wet environment, and general alkali, but not recommendable for acid. If an acid application is required, please consult MAXTOP for Acid Resistant Chain)



Photo of CR-Chain after Salt Spray Test of 1200hrs

NICKEL PLATED CHAIN (NP-Chain)

NP-Chain is ideal of shining outlook and situation of were the equipment must be operated in a mildly corrosive atmosphere.

Performance Comparison

TYPE	Max. Allowable Load Ratio	Hours of Salt Spray Test. (ASTM B117)
CR chain	100%	Min. 500 hrs
CRF chain	100%	Min. 500 hrs
Standard chain	100%	Less 4 hrs
Nickel plated chain	100%	Less 20 hrs
Zinc plated chain	100%	Less 80 hrs
Stainless steel chain	10%	-----

CRF chain see page 20

CAUTION : For the food products industry where the chain may be exposed to food contact, coating chain is not suggested. Please contact us for stainless steel chain.