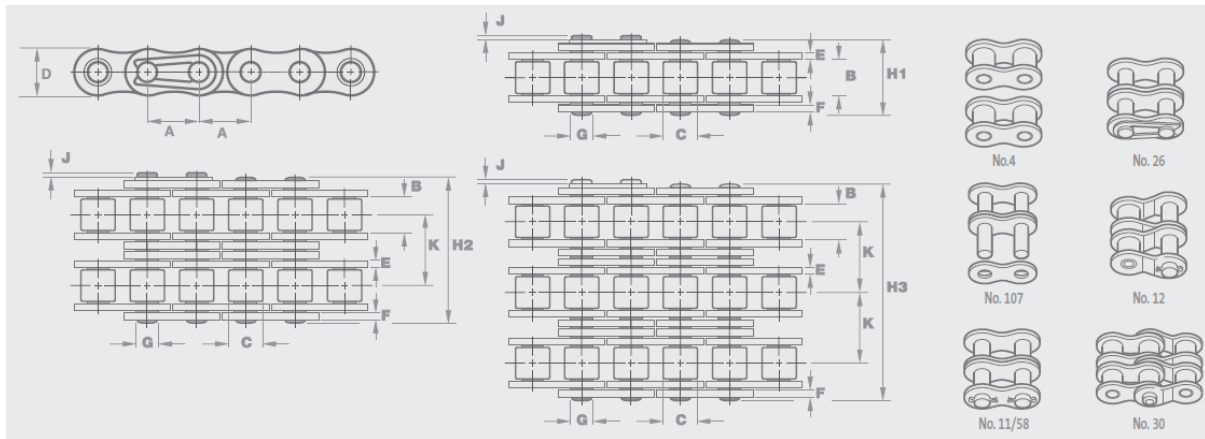


# Roller Chain

European (BS) Standard ISO 606



Chain Ref.		Technical Details (mm)													Connecting Links									
Renold Chain No.	ISO Ref.	Pitch (inch)	Pitch (mm)	Inside Width		Roller Diam.	Plate Height	Plate Width Inner	Plate Width Outer	Pin Diam.	Pin Length	Conn. Link Extension	Transverse Pitch	ISO606 Tensile Strength (Newtons)	Weight kg/m	No. 4	No. 107	No. 11	No. 26	No. 12	No. 30	No. 69	No. 87	No. 211
				MIN	MAX																			

## European (BS) Standard - Simplex

		A	A	B	C	D	E	F	G	H1	J	K												
1141	-	0.157	4.000	2.70	2.50	4.10	0.57	0.57	1.65	6.8	1.2	-	1800	0.07	✓	✓	✓	-	-	-	-	-	-	-
1151	03	0.197	5.000	2.50	3.20	4.10	0.60	0.60	1.49	7.4	1.3	-	2200	0.08	✓	✓	✓	-	-	-	-	-	-	-
1161	04	0.236	6.000	2.80	4.00	5.00	0.60	0.60	1.85	7.4	1.0	-	3000	0.12	✓	✓	✓	-	-	-	-	-	-	-
05B1	05B-1	0.315	8.000	3.00	5.00	7.11	0.76	0.76	2.31	8.6	1.5	-	4400	0.18	✓	✓	✓	-	-	-	-	-	-	-
06B1*	06B-1	0.375	9.525	5.72	6.35	8.20	1.29	1.04	3.28	12.5	1.3	-	8900	0.39	✓	✓	✓	-	-	-	-	-	-	-
08B1	08B-1	0.500	12.700	7.75	8.51	11.70	1.55	1.55	4.45	16.5	2.0	-	17800	0.70	✓	✓	✓	-	-	-	-	-	-	-
111043	-	0.500	12.700	4.88	7.75	9.60	1.13	0.98	4.09	11.4	2.0	-	8900	0.35	✓	✓	✓	-	-	-	-	-	-	-
111041	-	0.500	12.700	3.30	7.75	9.60	1.13	0.98	4.09	9.8	2.0	-	8900	0.30	✓	✓	✓	-	-	-	-	-	-	-
110043	-	0.500	12.700	5.21	8.51	11.70	1.55	1.55	4.45	14.5	2.0	-	17800	0.70	✓	✓	✓	-	-	-	-	-	-	-
10B1	10B-1	0.625	15.875	9.65	10.16	14.60	1.55	1.55	5.08	18.8	2.5	-	22200	0.96	✓	✓	✓	-	-	-	-	-	-	-
110053	-	0.625	15.875	6.48	10.16	14.60	1.55	1.55	5.08	16.0	2.5	-	22200	0.81	✓	✓	✓	-	-	-	-	-	-	-
12B1	12B-1	0.750	19.050	11.68	12.07	16.00	1.81	1.81	5.72	21.9	2.6	-	28900	1.22	✓	✓	✓	-	-	-	-	-	-	-
16B1	16B-1	1.000	25.400	17.02	15.88	21.08	4.12	3.10	8.28	34.9	2.2	-	60000	2.80	✓	✓	✓	-	-	-	-	-	-	-
20B1	20B-1	1.250	31.750	19.56	19.05	26.42	4.62	3.61	10.19	39.8	2.7	-	95000	3.85	✓	✓	✓	-	-	-	-	-	-	-
24B1	24B-1	1.500	38.100	25.40	25.40	33.40	6.10	5.08	14.63	52.6	6.8	-	160000	7.45	✓	✓	✓	-	-	-	-	-	-	-
28B1	28B-1	1.750	44.450	30.99	27.94	37.08	7.62	6.35	15.90	64.2	6.8	-	200000	9.35	✓	✓	✓	-	-	-	-	-	-	-
32B1	32B-1	2.000	50.800	30.99	29.21	42.29	7.11	6.35	17.81	63.4	8.0	-	250000	10.10	✓	✓	✓	-	-	-	-	-	-	-
40B1	40B-1	2.500	63.500	39.30	39.37	52.96	8.13	8.13	22.89	78.2	9.5	-	355000	16.50	✓	✓	✓	-	-	-	-	-	-	-
180709	-	3.000	76.200	45.72	48.26	66.04	12.19	10.16	29.24	99.1	10.5	-	560000	25.80	✓	✓	✓	-	-	-	-	-	-	-
180781	-	3.500	88.900	53.34	53.98	80.52	13.72	12.70	34.30	114.6	11.7	-	778435	35.20	✓	✓	✓	-	-	-	-	-	-	-
110325	-	4.000	101.600	60.96	63.50	90.17	15.24	13.72	39.40	130.9	13.0	-	711800	49.30	✓	✓	✓	-	-	-	-	-	-	-

## European (BS) Standard - Duplex

		A	A	B	C	D	E	F	G	H1	J	K												
05B2	05B-2	0.315	8.000	3.00	5.00	7.11	0.76	0.76	2.31	14.3	1.5	5.64	7800	0.36	✓	✓	-	✓	-	✓	-	-	-	-
06B2*	06B-2	0.375	9.525	5.72	6.35	8.20	1.29	1.04	3.28	23.0	1.3	10.24	16900	0.78	✓	✓	-	✓	-	✓	-	-	-	-
08B2	08B-2	0.500	12.700	7.75	8.51	11.70	1.55	1.55	4.45	30.4	2.0	13.92	31100	1.38	✓	✓	-	✓	-	✓	-	-	-	-
10B2	10B-2	0.625	15.875	9.65	10.16	14.60	1.55	1.55	5.08	35.4	2.5	16.59	44500	1.69	✓	✓	-	✓	-	✓	-	-	-	-
12B2	12B-2	0.750	19.050	11.68	12.07	16.00	1.81	1.81	5.72	41.4	2.6	19.46	57800	2.42	✓	✓	-	✓	-	✓	-	-	-	-
16B2	16B-2	1.000	25.400	17.02	15.88	21.08	4.12	3.10	8.28	66.8	2.2	31.88	106000	5.50	✓	✓	-	✓	-	✓	-	-	-	-
20B2	20B-2	1.250	31.750	19.56	19.05	26.42	4.62	3.61	10.19	76.7	2.7	36.45	170000	7.80	✓	✓	-	✓	-	✓	-	-	-	-
24B2	24B-2	1.500	38.100	25.40	25.40	33.40	6.10	5.08	14.63	101.3	6.8	48.36	280000	14.80	✓	✓	-	✓	-	✓	-	-	-	-
28B2	28B-2	1.750	44.450	30.99	27.94	37.08	7.62	6.35	15.90	123.7	6.8	59.56	360000	18.60	✓	✓	-	✓	-	✓	-	-	-	-
32B2	32B-2	2.000	50.800	30.99	29.21	42.29	7.11	6.35	17.81	122.0	8.0	58.55	450000	20.10	✓	✓	-	✓	-	✓	-	-	-	-
40B2	40B-2	2.500	63.500	39.30	39.37	52.96	8.13	8.13	22.89	150.5	9.5	72.29	630000	32.80	✓	✓	-	✓	-	✓	-	-	-	-
180721	-	3.000	76.200	45.72	48.26	66.04	12.19	10.16	29.24	190.4	10.5	91.21	1000000	51.00	✓	✓	-	✓	-	✓	-	-	-	-
180760	-	3.500	88.900	53.34	53.98	80.52	12.45	13.72	34.30	221.2	11.7	106.60	1557000	69.70	✓	✓	-	✓	-	✓	-	-	-	-
114325	-	4.000	101.600	60.96	63.50	90.17	15.24	13.72	39.40	250.8	13.0	119.90	1423420	97.50	✓	✓	-	✓	-	✓	-	-	-	-

## European (BS) Standard - Triplex

		A	A	B	C	D	E	F	G	H1	J	K												
05B3	05B-3	0.315	8.000	3.00	5.00	7.11	0.76	0.76	2.31	19.9	1.5	5.64	11100	0.54	✓	✓	-	✓	-	✓	-	-	-	-
06B3*	06B-3	0.375	9.525	5.72	6.35	8.20	1.29	1.04	3.28	33.3	1.3	10.24	24900	1.11	✓	✓	-	✓	-	✓	-	-	-	-
08B3	08B-3	0.500	12.700	7.75	8.51	11.70	1.55	1.55	4.45	44.3	2.0	13.92	44500	2.06	✓	✓	-	✓	-	✓	-	-	-	-
10B3	10B-3	0.625	15.875	9.65	10.16	14.60	1.55	1.55	5.08	52.0	2.5	16.59	66700	2.54	✓	✓	-	✓	-	✓	-	-	-	-
12B3	12B-3	0.750	19.050	11.68	12.07	16.00	1.81	1.81	5.72	60.9	2.6	19.46	86700	3.59	✓	✓	-	✓	-	✓	-	-	-	-
16B3	16B-3	1.000	25.400	17.02	15.88	21.08	4.12	3.10	8.28	98.6	2.2	31.88	160000	8.15	✓	✓	-	✓	-	✓	-	-	-	-
20B3	20B-3	1.250	31.750	19.56	19.05	26.42	4.62	3.61	10.19	113.2	2.7	36.45	250000	11.65	✓	✓	-	✓	-	✓	-	-	-	-
24B3	24B-3	1.500	38.100	25.40	25.40	33.40	6.10	5.08	14.63	149.7	6.8	48.36	425000	22.25	✓	✓	-	✓	-	✓	-	-	-	-
28B3	28B-3	1.750	44.450	30.99	27.94	37.08	7.62	6.35	15.90	183.3	6.8	59.56	590000	28.00	✓	✓	-	✓	-	✓	-	-	-	-
32B3	32B-3	2.000	50.800	30.99	29.21	42.29	7.11	6.35	17.81	180.5	8.0	58.55	670000	30.00	✓	✓	-	✓	-	✓	-	-	-	-
40B3	40B-3	2.500	63.500	39.30	39.37	52.96	8.13	8.13	22.89	222.8	9.5	72.29	950000	48.90	✓	✓	-	✓	-	✓	-	-	-	-
180739	-	3.000	76.200	45.72	48.26	66.04	12.19	10.16	29.24	281.6	10.5	91.21	1500000	76.20	✓	✓	-	✓	-	✓	-	-	-	-

\* Straight side plates

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