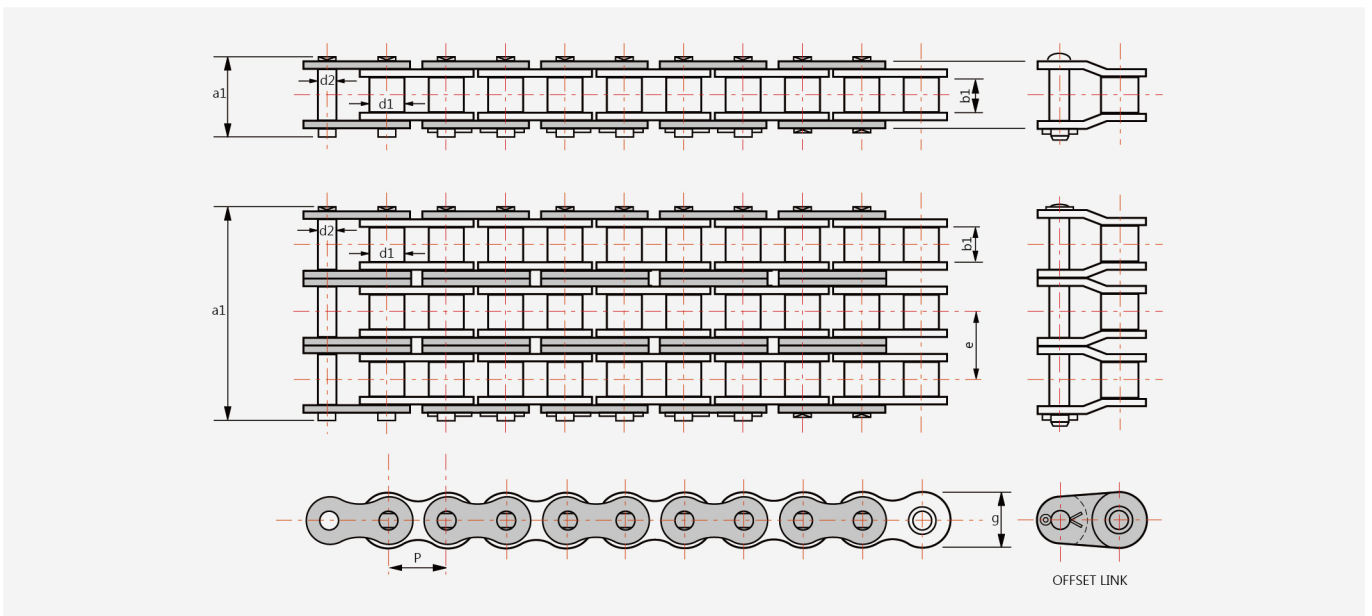


British Standard Roller Chains



Chain No.	Pitch P [mm]	Roller width b1 [mm]	Roller diameter d1 [mm]	Pin diameter d2 [mm]	Side plates height g [mm]	Over-All pin & cotter a1 [mm]	Transverse pitch e [mm]	Weight [Kg/m]	Tensile strength [N]
04B-1	6.00	2.80	4.00	1.85	5.00	10.30	–	0.12	3,000
05B-1	8.00	3.00	5.00	2.31	7.10	11.70	–	0.10	5,000
06B-1*	9.53	5.72	6.35	3.26	8.26	16.78	–	0.45	8,940
06B-2*	9.53	5.72	6.35	3.26	8.26	27.10	10.24	0.80	16,946
06B-3*	9.53	5.72	6.35	3.26	8.26	37.31	10.24	1.18	24,908
08B-1	12.70	7.75	8.51	4.45	11.80	20.90	–	0.68	17,836
08B-2	12.70	7.75	8.51	4.45	11.80	34.90	13.92	1.31	31,180
08B-3	12.70	7.75	8.51	4.45	11.80	47.80	13.92	1.94	44,524
81-1	12.70	3.30	7.75	3.64	9.91	11.70	–	0.28	8,000
83-1	12.70	4.88	7.75	3.64	9.91	13.10	–	0.38	8,000

* Straight side plates

* Continued

Chain No.	Pitch P [mm]	Roller width b1 [mm]	Roller diameter d1 [mm]	Pin diameter d2 [mm]	Side plates height g [mm]	Over-All pin & cotter a1 [mm]	Transverse pitch e [mm]	Weight [Kg/m]	Tensile strength [N]
10B-1	15.87	9.65	10.20	5.08	14.70	23.70	–	0.95	22,240
10B-2	15.87	9.65	10.20	5.08	14.70	40.30	16.60	1.87	44,524
10B-3	15.87	9.65	10.20	5.08	14.70	56.90	16.60	2.80	66,764
12B-1	19.05	11.68	12.07	5.72	16.10	27.31	–	1.19	28,912
12B-2	19.05	11.68	12.07	5.72	16.10	46.31	19.50	2.34	57,868
12B-3	19.05	11.68	12.07	5.72	16.10	66.29	19.50	3.47	86,780
16B-1	25.40	17.02	15.88	8.28	21.10	41.50	–	2.72	56,889
16B-2	25.40	17.02	15.88	8.28	21.10	73.41	31.88	5.37	113,735
16B-3	25.40	17.02	15.88	8.28	21.10	105.30	31.88	8.02	170,625
20B-1	31.75	19.56	19.05	10.19	26.42	49.30	–	3.88	93,141
20B-2	31.75	19.56	19.05	10.19	26.42	85.80	36.45	7.66	176,496
20B-3	31.75	19.56	19.05	10.19	26.42	122.20	36.45	11.44	264,744
24B-1	38.10	25.40	25.40	14.60	33.40	59.99	–	6.85	166,711
24B-2	38.10	25.40	25.40	14.60	33.40	108.40	48.36	13.87	317,721
24B-3	38.10	25.40	25.40	14.60	33.40	156.80	48.36	20.89	475,580
28B-1	44.45	30.99	27.94	15.90	37.00	65.10	–	8.56	200,000
28B-2	44.45	30.99	27.94	15.90	37.00	124.70	59.56	16.96	360,000
28B-3	44.45	30.99	27.94	15.90	37.00	184.30	59.56	25.38	536,000
32B-1	50.80	30.99	29.21	17.80	42.20	67.40	–	9.49	250,000
32B-2	50.80	30.99	29.21	17.80	42.20	126.00	58.55	18.74	443,896
32B-3	50.80	30.99	29.21	17.80	42.20	184.50	58.55	28.04	670,000
40B-1	63.50	38.10	39.37	22.89	52.90	92.50	–	15.53	352,299
40B-2	63.50	38.10	39.37	22.89	52.90	151.21	72.29	30.72	630,000
40B-3	63.50	38.10	39.37	22.89	52.90	223.80	72.29	45.97	950,000
48B-1	76.20	45.72	48.26	29.24	64.00	98.88	–	24.45	560,000
48B-2	76.20	45.72	48.26	29.24	64.00	200.00	91.21	48.54	1,096,041
48B-3	76.20	45.72	48.26	29.24	64.00	291.00	91.21	72.67	1,500,000