

Short pitch precision roller chains (B series) BS roller chain

DIN ISO Chain No	Pitch	Roller diameter	Width between inner plates	Pin diameter	Pin length		Inner plate depth	Plate thickness	Ultimate tensile strength	Average tensile strength	Weight per meter
	P	d1 max	b1 min	d2 max	L max	Lc max	h2 max	t/T max	Q min	Q0	q
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	kg/m
04B-1	6.000	4.00	2.80	1.85	6.80	7.8	5.00	0.60	3.0	3.2	0.11
05B-1	8.000	5.00	3.00	2.31	8.20	8.9	7.10	0.80	5.0	5.9	0.20
*06B-1	9.525	6.35	5.72	3.28	13.15	14.1	8.20	1.30	9.0	10.4	0.41
08B-1	12.700	8.51	7.75	4.45	16.70	18.2	11.80	1.60	18.0	19.4	0.69
10B-1	15.875	10.16	9.65	5.08	19.50	20.9	14.70	1.70	22.4	27.5	0.93
12B-1	19.050	12.07	11.68	5.72	22.50	24.2	16.00	1.85	29.0	32.2	1.15
16B-1	25.400	15.88	17.02	8.28	36.10	37.4	21.00	4.15/3.1	60.0	72.8	2.71
20B-1	31.750	19.05	19.56	10.19	41.30	45.0	26.40	4.5/3.5	95.0	106.7	3.70
24B-1	38.100	25.40	25.40	14.63	53.40	57.8	33.20	6.0/4.8	160.0	178.0	7.10
28B-1	44.450	27.94	30.99	15.90	65.10	69.5	36.70	7.5/6.0	200.0	222.0	8.50
32B-1	50.800	29.21	30.99	17.81	66.00	71.0	42.00	7.0/6.0	250.0	277.5	10.25
40B-1	63.500	39.37	38.10	22.89	82.20	89.2	52.96	8.5/8.0	355.0	394.0	16.35
48B-1	76.200	48.26	45.72	29.24	99.10	107.0	63.80	12/10	560.0	621.6	25.00

*Straight side plates



Simplex roller chains

