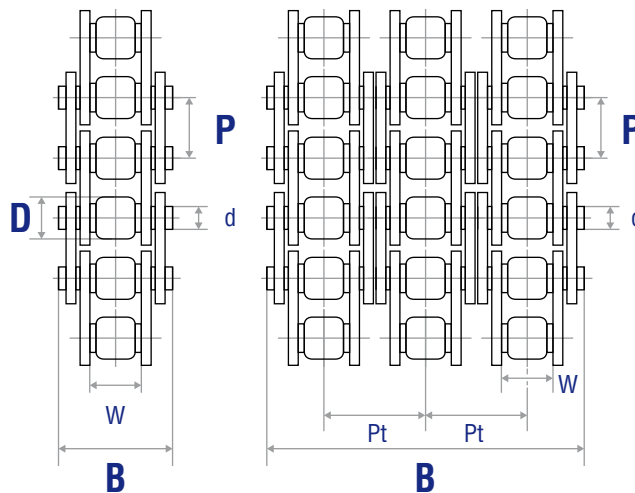


# Roller Chains

BRITISH STANDARD

[As per BS 228 / DIN 8187 / IS 2403 / ISO 606]

Chain Number		Description		Pitch	Transverse Pitch	Roller Diameter	Bearing Pin Diameter	Width Between Inner Plate	Width Over Bearing Pin	Plate Height	Tensile Strength	Avg. Weight Per Meter
GALAXY No.	ISO No.	Pitch x WIP										
		inch	mm									
SINGLE STRAND-SIMPLEX												
GB 081	08B-1	1/2 x 5/16	12.70 x 7.75	12.70	-	8.51	4.45	7.75	17.00	11.81	17.80	0.650
GB 101	10B-1	5/8 x 3/8	15.875 x 9.65	15.875	-	10.16	5.08	9.65	19.60	14.73	22.27	0.928
GB 121	12B-1	3/4 x 7/16	19.05 x 11.68	19.05	-	12.07	5.72	11.68	22.70	16.13	28.94	1.244
GB 161	16B-1	1 x 11/16	25.40 x 17.02	25.40	-	15.88	8.28	17.02	36.10	21.08	60.92	2.612
GB 201	20B-1	1 1/4 x 0.77	31.75 x 19.56	31.75	-	19.05	10.19	19.56	43.20	26.42	95.16	3.802
GB 241	24B-1	1 1/2 x 1	38.10 x 25.40	38.10	-	25.40	14.63	25.40	53.40	33.40	160.04	7.138
GB 281	28B-1	1 3/4 x 1.22	44.45 x 30.99	44.45	-	27.94	15.90	30.99	65.10	37.08	200.05	8.955
GB 321	32B-1	2 x 1.22	50.80 x 30.99	50.80	-	29.21	17.81	30.99	67.40	42.29	250.60	9.695
GB 401	40B-1	2 1/2 x 1 1/2	63.50 x 38.10	63.50	-	39.37	22.88	38.10	82.60	52.56	355.00	16.019
DOUBLE STRAND-DUPLEX												
GB 082	08B-2	1/2 x 5/16	12.70 x 7.75	12.70	13.92	8.51	4.45	7.75	31.00	11.81	31.10	1.300
GB 102	10B-2	5/8 x 3/8	15.875 x 9.65	15.875	16.59	10.16	5.08	9.65	36.20	14.73	44.54	1.856
GB 122	12B-2	3/4 x 7/16	19.05 x 11.68	19.05	19.46	12.07	5.72	11.68	42.20	16.13	57.88	2.487
GB 162	16B-2	1 x 11/16	25.40 x 17.02	25.40	31.88	15.88	8.28	17.02	68.00	21.08	106.14	5.213
GB 202	20B-2	1 1/4 x 0.77	31.75 x 19.56	31.75	36.45	19.05	10.19	19.56	79.70	26.42	170.05	7.605
GB 242	24B-2	1 1/2 x 1	38.10 x 25.40	38.10	48.36	25.40	14.63	25.40	101.80	33.40	280.07	14.278
GB 282	28B-2	1 3/4 x 1.22	44.45 x 30.99	44.45	59.56	27.94	15.90	30.99	124.70	37.08	359.90	17.909
GB 322	32B-2	2 x 1.22	50.80 x 30.99	50.80	58.55	29.21	17.81	30.99	126.00	42.29	449.92	19.391
GB 402	40B-2	2 1/2 x 1 1/2	63.50 x 38.10	63.50	72.29	39.37	22.88	38.10	154.90	52.56	617.81	31.734
TRIPLE STRAND-TRIPLEX												
GB 083	08B-3	1/2 x 5/16	12.70 x 7.75	12.7	13.92	8.51	4.45	7.75	44.9	11.81	44.5	1.92
GB 103	10B-3	5/8 x 3/8	15.875 x 9.65	15.875	16.59	10.16	5.08	9.65	52.80	14.73	66.81	2.785
GB 123	12B-3	3/4 x 7/16	19.05 x 11.68	19.05	19.46	12.07	5.72	11.68	61.70	16.13	86.82	3.731
GB 163	16B-3	1 x 11/16	25.40 x 17.02	25.40	31.88	15.88	8.28	17.02	99.90	21.08	160.10	7.819
GB 203	20B-3	1 1/4 x 0.77	31.75 x 19.56	31.75	36.45	19.05	10.19	19.56	116.10	26.42	250.16	11.407
GB 243	24B-3	1 1/2 x 1	38.10 x 25.40	38.10	48.36	25.40	14.63	25.40	150.20	33.40	425.02	21.417
GB 283	28B-3	1 3/4 x 1.22	44.45 x 30.99	44.45	59.56	27.94	15.90	30.99	184.30	37.08	529.95	26.864
GB 323	32B-3	2 x 1.22	50.80 x 30.99	50.80	58.55	29.21	17.81	30.99	184.50	42.29	669.79	29.086
GB 403	40B-3	2 1/2 x 1 1/2	63.50 x 38.10	63.50	72.29	39.37	22.88	38.10	227.20	52.56	931.63	47.703



<b>P</b>	Pitch
<b>Pt</b>	Transverse Pitch
<b>D</b>	Roller Diameter
<b>d</b>	Bearing Pin Diameter
<b>W</b>	Width Between Inner Plate
<b>B</b>	Width Over Bearing Pin