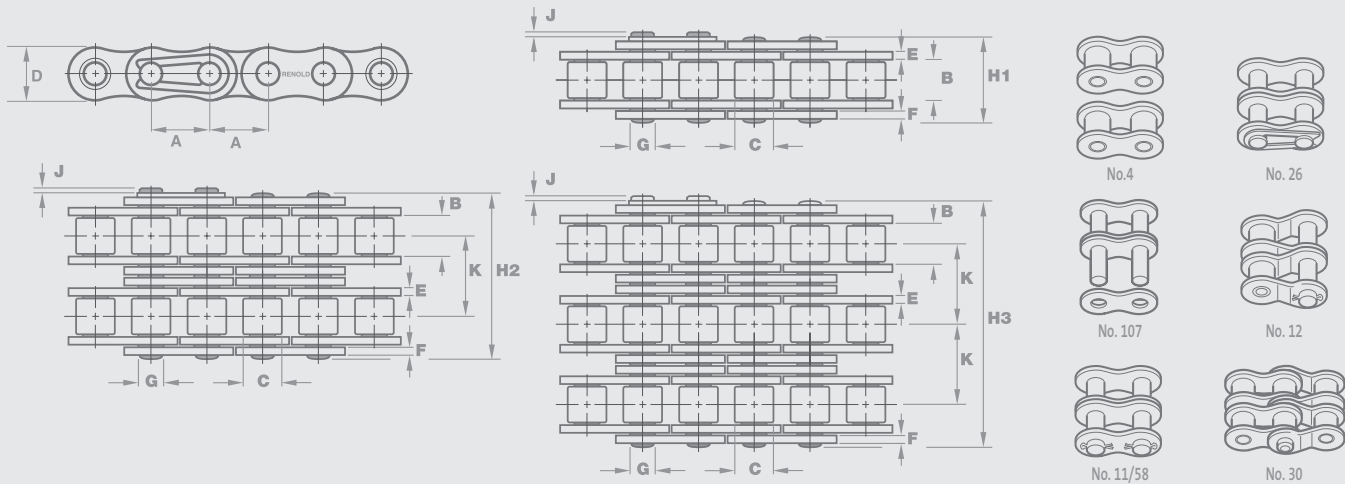


# Renold Roller Chain

## Premier standard chain



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		
					MIN	MAX	MAX	MAX	MAX	MAX	MAX	NOM	MIN	kg/m		

### 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	4	107 11
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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
111043	-	0.500	12.700	4.88	7.75	9.60	1.13	0.98	4.09	11.4	2.0	-	8900	0.35	4	107 26 30
111041	-	0.500	12.700	3.30	7.75	9.60	1.13	0.98	4.09	9.8	2.0	-	8900	0.30	4	107 26 30
08B1NA	-	0.500	12.700	5.21	8.51	11.70	1.55	1.55	4.45	14.5	2.0	-	17800	0.70	4	107 26 30
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	4	107 26 30
10B1NA	-	0.625	15.875	6.48	10.16	14.60	1.55	1.55	5.08	16.0	2.5	-	22200	0.81	4	107 26 30
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	4	107 26 30
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	4	107 26 12
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	4	107 26 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11 12
180709	-	3.000	76.200	45.72	48.26	66.04	12.19	10.16	29.24	99.1	10.5	-	560000	25.80	4	107 11 69 87
180781	-	3.500	88.900	53.34	53.98	80.52	13.72	12.70	34.30	114.6	11.7	-	778435	35.20	4	107 11 211
110325	-	4.000	101.600	60.96	63.50	90.17	15.24	13.72	39.40	130.9	13.0	-	711800	49.30	4	107

\* Straight side plates

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

For further information:

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Also available  
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Chain Selector Page 85  
The right chain for the job



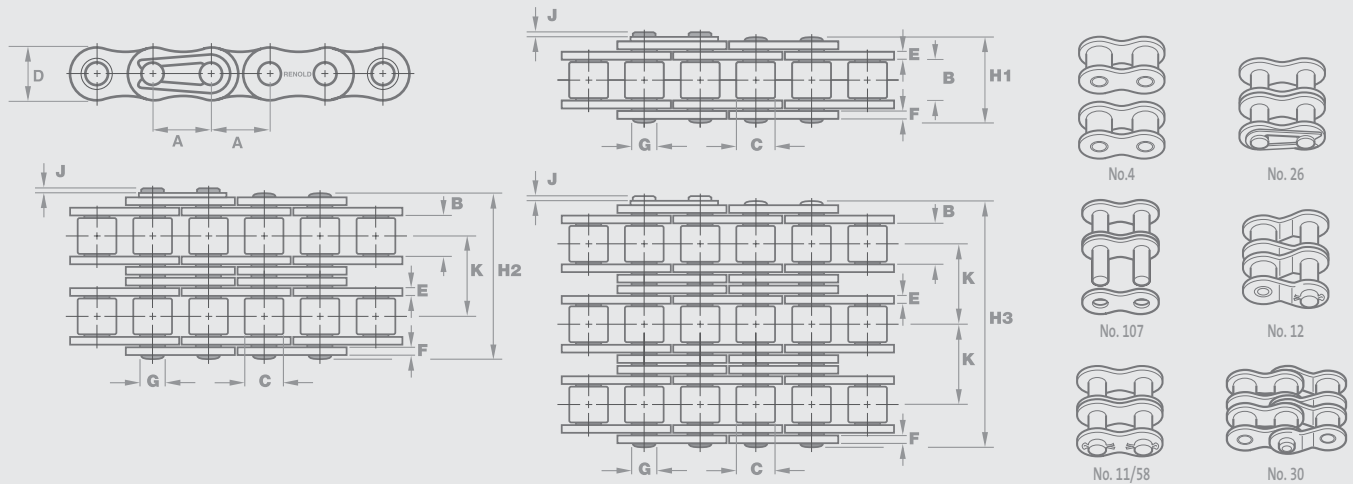
Roll-Ring Page 65  
Chain tensioner



Pin Extractor Page 85  
Cut chain by hand

# Renold Roller Chain

## Premier standard chain



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) MIN	Weight kg/m		
					MIN	MAX	MAX	MAX	MAX	MAX	MAX	NOM	MIN			

### 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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
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	4	107 26 30
16B2	16B-2	1.000	25.400	17.02	15.88	21.08	3.76	3.10	8.28	66.8	2.2	31.88	106000	5.50	4	107 26 12
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	4	107 26 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11 69
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	4	107 11
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	4	107

### European (BS) Standard - Triplex

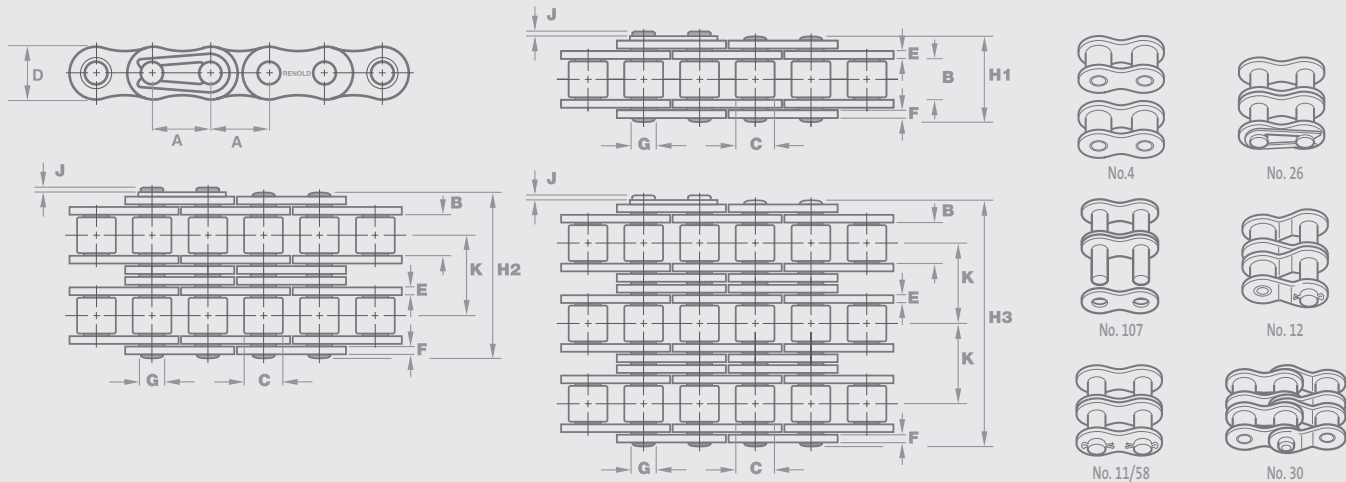
		A	A	B	C	D	E	F	G	H1	J	K				
05B3	05B-3	0.315	8.000	3.00	5.00	7.11	0.76	0.76	2.31	19.9	1.5	5.64	11100	0.54	4	107 26 30
06B3*	06B-3	0.375	9.525	5.72	6.35	8.20	1.29	1.04	3.28	33.3	1.3	10.24	24900	1.11	4	107 26 30
08B3	08B-3	0.500	12.700	7.75	8.51	11.70	1.55	1.55	4.45	44.3	2.0	13.92	44500	2.06	4	107 26 30
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	4	107 26 30
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	4	107 26 30
16B3	16B-3	1.000	25.400	17.02	15.88	21.08	3.76	3.10	8.28	98.6	2.2	31.88	160000	8.15	4	107 26 12
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	4	107 26 12
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	4	107 11 12
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	530000	28.00	4	107 11 12
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	4	107 11 12
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	4	107 11 12
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	4	107 11

\* Straight side plates

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

# Renold Roller Chain

## Premier standard chain



Chain Ref.		Technical Details (mm)													Connecting Links	
Renold Chain No.	ANSI 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		
					MIN	MAX	MAX	MAX	MAX	MAX	MAX	NOM	MIN			

### ANSI Standard - Simplex

		A	A	B	C	D	E	F	G	H1	J	K				
25A1 <sup>◇</sup>	25-1	0.250	6.350	3.10	3.30	5.90	0.76	0.76	2.30	7.9	1.2	-	3500	0.12	4	107 26 30
35A1 <sup>◇</sup>	35-1	0.375	9.525	4.68	5.08	8.60	1.29	1.29	3.59	12.0	1.7	-	7900	0.35	4	107 26 12 30
40A1	40-1	0.500	12.700	7.85	7.92	11.20	1.55	1.55	3.97	16.4	2.1	-	13900	0.60	4	107 11 26 12 30
41A1	41-1	0.500	12.700	6.35	7.77	9.91	1.30	1.30	3.59	14.5	2.1	-	6700	0.42	4	107 26 12 30
50A1	50-1	0.625	15.875	9.40	10.16	14.60	2.04	2.04	5.08	20.4	2.7	-	21800	1.00	4	107 11 26 12 30
60A1	60-1	0.750	19.050	12.57	11.91	17.50	2.45	2.45	5.94	25.3	2.6	-	31300	1.47	4	107 11 26 12 30
80A1	80-1	1.000	25.400	15.75	15.88	24.13	3.25	3.25	7.94	32.7	3.0	-	55600	2.80	4	107 11 58 12
100A1	100-1	1.250	31.750	18.90	19.05	30.17	4.06	4.06	9.54	39.7	4.2	-	87000	4.20	4	107 11 58 12
120A1	120-1	1.500	38.100	25.23	22.23	36.20	4.80	4.80	11.11	49.3	5.3	-	125000	5.70	4	107 11 58 12
140A1	140-1	1.750	44.450	25.23	25.40	42.23	5.61	5.61	12.71	52.9	5.2	-	170000	7.80	4	107 11 58 12
160A1	160-1	2.000	50.800	31.55	28.58	48.26	6.35	6.35	14.29	63.1	6.5	-	223000	10.40	4	107 11 58 12
180A1	180-1	2.250	57.150	35.48	35.71	54.30	7.11	7.11	17.46	70.6	7.9	-	281000	13.94	4	107 11 58
200A1	200-1	2.500	63.500	37.85	39.67	60.33	8.13	8.13	19.85	76.9	9.0	-	347000	17.30	4	107 11 58 12
240A1	240-1	3.000	76.200	47.35	47.62	72.39	9.80	9.80	23.80	94.4	10.5	-	500000	25.00	4	107 11 58

<sup>◇</sup> Bush Chain

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.

For further information:

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Chain Selector Page 85  
The right chain for the job



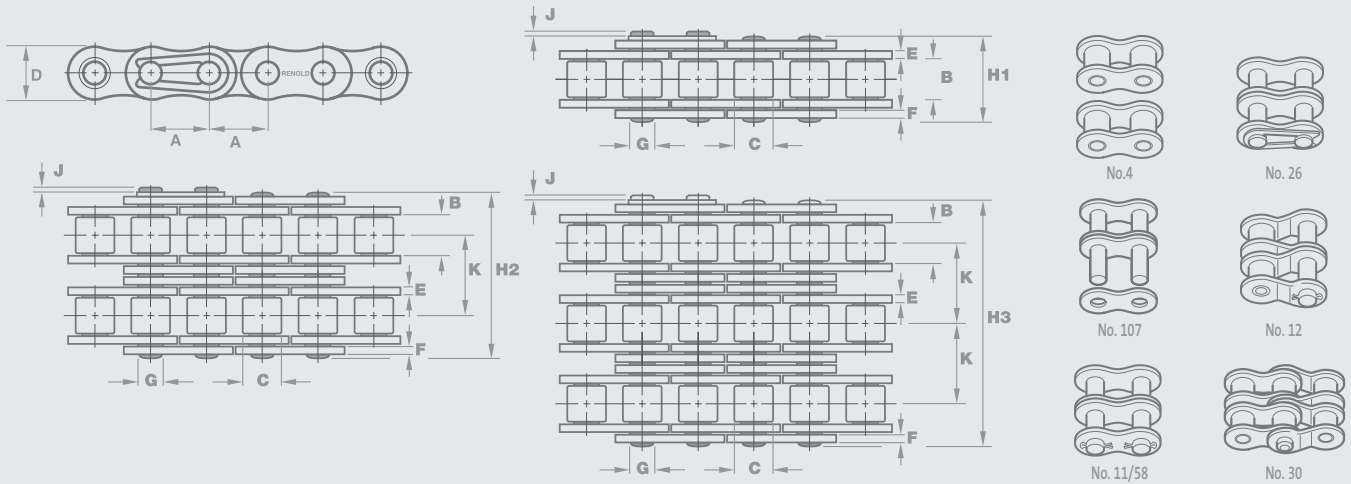
Roll-Ring Page 65  
Chain tensioner



Pin Extractor Page 85  
Cut chain by hand

# Renold Roller Chain

## Premier standard chain



Chain Ref.		Technical Details (mm)												Connecting Links		
Renold Chain No.	ANSI 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		
					MIN	MAX	MAX	MAX	MAX	MAX	MAX	NOM	MIN	kg/m		

### ANSI Standard - Duplex

		A	A	B	C	D	E	F	G	H1	J	K				
25A2 <sup>◇</sup>	25-2	0.250	6.350	3.10	3.30	5.90	0.76	0.76	2.30	14.2	1.2	6.40	7000	0.26	4	107 26 30
35A2 <sup>◇</sup>	35-2	0.375	9.525	4.68	5.08	8.60	1.29	1.29	3.59	22.2	1.7	10.13	15800	0.62	4	107 26 12 30
40A2	40-2	0.500	12.700	7.85	7.92	11.20	1.55	1.55	3.97	30.8	2.1	14.38	27800	1.20	4	107 11 26 12 30
50A2	50-2	0.625	15.875	9.40	10.16	14.60	2.04	2.04	5.08	38.4	2.7	18.11	43600	1.98	4	107 11 26 12 30
60A2	60-2	0.750	19.050	12.57	11.91	17.50	2.45	2.45	5.94	48.1	2.6	22.78	62600	2.91	4	107 11 26 12 30
80A2	80-2	1.000	25.400	15.75	15.88	24.13	3.25	3.25	7.94	61.9	3.0	29.29	111200	5.50	4	107 11 58 12
100A2	100-2	1.250	31.750	18.90	19.05	30.17	4.06	4.06	9.54	75.4	4.2	35.76	174000	8.40	4	107 11 58 12
120A2	120-2	1.500	38.100	25.23	22.23	36.20	4.80	4.80	11.11	94.7	5.3	45.44	250000	11.00	4	107 11 58 12
140A2	140-2	1.750	44.450	25.23	25.40	42.23	5.61	5.61	12.71	101.8	5.2	48.87	340000	15.50	4	107 11 58 12
160A2	160-2	2.000	50.800	31.55	28.58	48.26	6.35	6.35	14.29	121.6	6.5	58.55	446000	20.60	4	107 11 58 12
180A2	180-2	2.250	57.150	35.48	35.71	54.30	7.11	7.11	17.46	136.5	7.9	65.84	562000	27.72	4	107 11 58
200A2	200-2	2.500	63.500	37.85	39.67	60.33	8.13	8.13	19.85	148.5	9.0	71.55	694000	34.40	4	107 11 58 12
240A2	240-2	3.000	76.200	47.35	47.62	72.39	9.80	9.80	23.80	182.2	10.5	87.80	1000000	50.00	4	107 11 58

### ANSI Standard - Triplex

		A	A	B	C	D	E	F	G	H1	J	K				
25A3 <sup>◇</sup>	25-3	0.250	6.350	3.10	3.30	5.90	0.76	0.76	2.30	20.8	1.2	6.40	10500	0.39	4	107 26 30
35A3 <sup>◇</sup>	35-3	0.375	9.525	4.68	5.08	8.60	1.29	1.29	3.59	32.2	1.7	10.13	23700	0.93	4	107 26 12 30
40A3	40-3	0.500	12.700	7.85	7.92	11.20	1.55	1.55	3.97	45.1	2.1	14.38	41700	1.80	4	107 11 26 12 30
50A3	50-3	0.625	15.875	9.40	10.16	14.60	2.04	2.04	5.08	56.5	2.7	18.11	65400	2.96	4	107 11 26 12 30
60A3	60-3	0.750	19.050	12.57	11.91	17.50	2.45	2.45	5.94	70.9	2.6	22.78	93900	4.38	4	107 11 26 12 30
80A3	80-3	1.000	25.400	15.75	15.88	24.13	3.25	3.25	7.94	91.2	3.0	29.29	166800	8.30	4	107 11 12
100A3	100-3	1.250	31.750	18.90	19.05	30.17	4.06	4.06	9.54	111.2	4.2	35.76	261000	12.60	4	107 11 12
120A3	120-3	1.500	38.100	25.23	22.23	36.20	4.80	4.80	11.11	140.2	5.3	45.44	375000	16.70	4	107 11 12
140A3	140-3	1.750	44.450	25.23	25.40	42.23	5.61	5.61	12.71	150.7	5.2	48.87	510000	23.10	4	107 11 12
160A3	160-3	2.000	50.800	31.55	28.58	48.26	6.35	6.35	14.29	180.2	6.5	58.55	669000	31.00	4	107 11 12
180A3	180-3	2.250	57.150	35.48	35.71	54.30	7.11	7.11	17.46	202.3	7.9	65.84	843000	41.50	4	107 11
200A3	200-3	2.500	63.500	37.85	39.67	60.33	8.13	8.13	19.85	229.0	9.0	71.55	1041000	51.20	4	107 11 12
240A3	240-3	3.000	76.200	47.35	47.62	72.39	9.80	9.80	23.80	270.1	10.5	87.80	1500000	75.00	4	107 11 58

<sup>◇</sup> Bush Chain

For the use of roller or bush chains in lifting applications, it is necessary to specify this in the order to ensure the specific CE mark will be given.