

RENOLD Sovereign

Superior Abrasion Resistant Chain



Chain Ref.		Technical Details (inches)											
Renold Chain No.	ANSI Ref.	Pitch (inch)	Inside Width	Roller Diam.	Plate Height	Plate Width Inner	Plate Width Outer	Pin Diam.	Pin Length	Conn. Link Ext.	Trans. Pitch	ISO606 Tens. Strength	Weight
			MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX	NOM	

ANSI Standard - Simplex

		A	B	C	D	E	F	G	H1	J	K	Lbs	lb/f	
IN STOCK	40A1SO	40-1	0.500	0.309	0.312	0.475	0.061	0.061	0.157	0.646	0.055	-	3,125	0.40
	50A1SO	50-1	0.625	0.370	0.400	0.594	0.080	0.080	0.200	0.804	0.043	-	4,880	0.67
	60A1SO	60-1	0.750	0.495	0.469	0.713	0.094	0.094	0.235	0.997	0.043	-	7,030	0.98
	80A1SO	80-1	1.000	0.620	0.625	0.950	0.128	0.128	0.313	1.288	0.118	-	12,500	1.88
	100A1SO	100-1	1.250	0.744	0.750	1.188	0.160	0.160	0.376	1.564	0.165	-	19,530	2.81
	120A1SO	120-1	1.500	0.993	0.875	1.425	0.189	0.189	0.437	1.942	0.209	-	28,125	3.82
	140A1SO	140-1	1.750	0.993	1.000	1.663	0.221	0.221	0.500	2.084	0.205	-	38,280	5.23
	160A1SO	160-1	2.000	1.242	1.125	1.900	0.250	0.250	0.563	2.486	0.256	-	50,000	6.97
	180A1SO	180-1	2.250	1.397	1.406	2.139	0.281	0.281	0.688	2.782	0.311	-	63,280	9.34
	200A1SO	200-1	2.500	1.490	1.562	2.377	0.320	0.320	0.782	3.030	0.355	-	78,125	11.59
	240A1SO	240-1	3.000	1.864	1.875	2.852	0.375	0.375	0.938	3.719	0.414	-	112,500	16.75

ANSI Standard - Duplex

	40A2SO	40-2	0.500	0.309	0.312	0.475	0.061	0.061	0.157	1.214	0.055	0.566	6,250	0.80
	50A2SO	50-2	0.625	0.370	0.400	0.594	0.080	0.080	0.200	1.513	0.043	0.713	9,760	1.34
	60A2SO	60-2	0.750	0.495	0.469	0.713	0.094	0.094	0.235	1.895	0.043	0.897	14,060	1.98
	80A2SO	80-2	1.000	0.620	0.625	0.950	0.128	0.128	0.313	2.439	0.118	1.153	25,000	3.69
	100A2SO	100-2	1.250	0.744	0.750	1.188	0.160	0.160	0.376	2.971	0.165	1.408	39,060	5.63
	120A2SO	120-2	1.500	0.993	0.875	1.425	0.189	0.189	0.437	3.731	0.209	1.789	56,250	7.37
	140A2SO	140-2	1.750	0.993	1.000	1.663	0.221	0.221	0.500	4.011	0.205	1.924	76,560	10.39
	160A2SO	160-2	2.000	1.242	1.125	1.900	0.250	0.250	0.563	4.791	0.256	2.305	100,000	13.80
	180A2SO	180-2	2.250	1.397	1.406	2.139	0.281	0.281	0.688	5.378	0.311	2.592	126,560	18.57
	200A2SO	200-2	2.500	1.490	1.562	2.377	0.320	0.320	0.782	5.851	0.355	2.817	156,250	23.05
	240A2SO	240-2	3.000	1.864	1.875	2.852	0.375	0.375	0.938	7.179	0.414	3.458	225,000	33.50

ANSI Standard - Triplex

	40A3SO	40-3	0.500	0.309	0.312	0.475	0.061	0.061	0.157	1.777	0.055	0.566	9,375	1.21
	50A3SO	50-3	0.625	0.370	0.400	0.594	0.080	0.080	0.200	2.226	0.043	0.713	14,640	2.01
	60A3SO	60-3	0.750	0.495	0.469	0.713	0.094	0.094	0.235	2.793	0.043	0.897	21,090	2.97
	80A3SO	80-3	1.000	0.620	0.625	0.950	0.128	0.128	0.313	3.593	0.118	1.153	37,500	5.56
	100A3SO	100-3	1.250	0.744	0.750	1.188	0.160	0.160	0.376	4.381	0.165	1.408	58,590	8.44
	120A3SO	120-3	1.500	0.993	0.875	1.425	0.189	0.189	0.437	5.524	0.209	1.789	84,375	11.19
	140A3SO	140-3	1.750	0.993	1.000	1.663	0.221	0.221	0.500	5.938	0.205	1.924	114,840	15.48
	160A3SO	160-3	2.250	1.397	1.406	2.139	0.281	0.281	0.688	2.782	0.311	2.305	63,280	20.77
	180A3SO	180-3	2.250	1.397	1.406	2.139	0.281	0.281	0.688	7.971	0.311	2.592	189,840	27.81
	200A3SO	200-3	2.500	1.490	1.562	2.377	0.320	0.320	0.782	9.023	0.355	2.817	234,375	34.30
	240A3SO	240-3	3.000	1.864	1.875	2.852	0.375	0.375	0.938	10.642	0.414	3.458	337,500	50.25