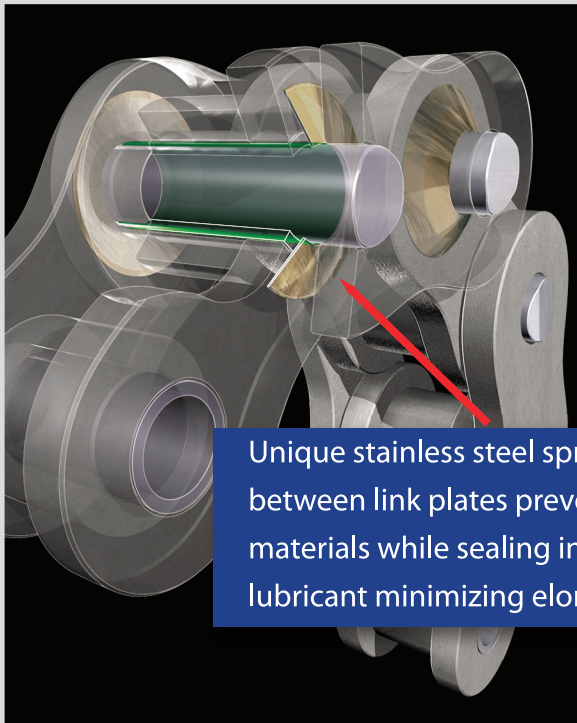


Maintenance Free Operation now possible for Heavy Duty Roller Chain Drives

Newly developed, patent pending; SEAL GUARD™ Roller Chains from SENQCIA extend the benefits of maintenance free operation to larger pitch heavy duty roller chain drives.



Unique stainless steel spring type contact seals fitted between link plates prevent penetration of abrasive materials while sealing in high quality bearing lubricant minimizing elongation due to chain wear

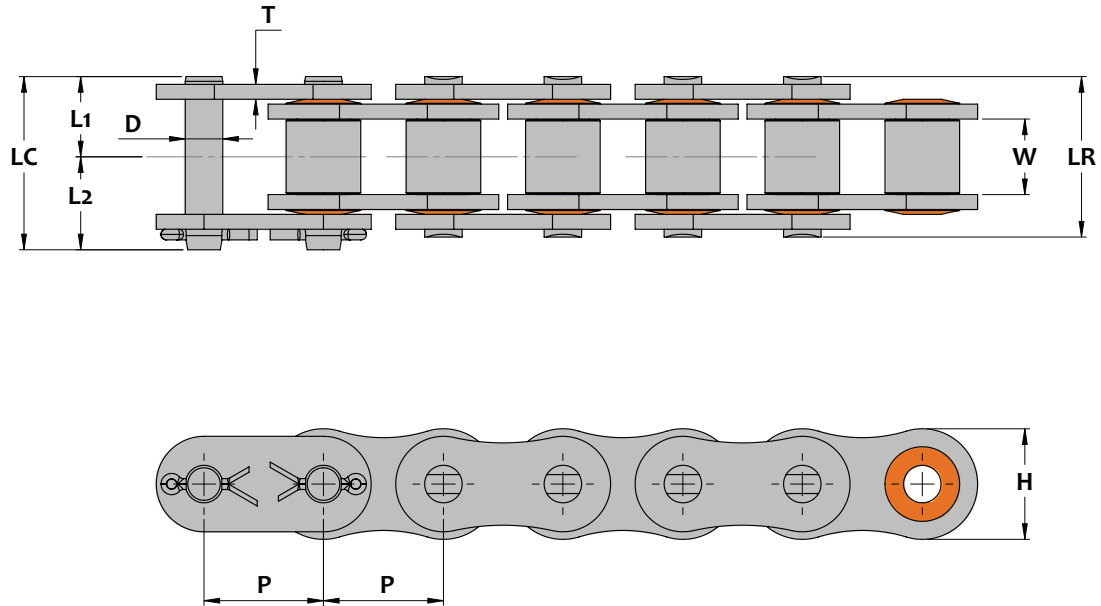
Construction, mining, shot blast equipment, as well as a broad range of heavy duty roller chain applications can now utilize large pitch roller chain - Sizes 60 (3/4" pitch) thru 240 (3" pitch) and enjoy the significant benefits of maintenance free operation. The unique stainless steel contact seals, installed between the link plates, retains a high quality bearing grease inside the chain joint, keeping out damaging abrasives such as grit and other debris that decrease chain life.

These chains never require continuous lubrication, possess the same strength and working load capability as standard duty roller chain and will operate over a wider range of temperatures and speeds. Stainless steel seals are more durable than conventional O-Rings and the lubrication benefits of the internal bearing grease offer superior lubrication over other similar types of maintenance free chains.



SEAL GUARD™ Roller Chains are available with a variety of corrosion resistant coatings. Our unique Inspire Series™ stainless steel blast coating is standard finish, optional black oxide or our Perfect Coat Plus® surface treatments offer significant added protection against external chain corrosion.

ASME/ANSI Standard Seal Guard® Roller Chain



Chain Dimensions

SENQCIA Chain Number	Units	Chain Pitch P	Roller		Pin					Side Plate		Average Ultimate Strength Lbs Kg-f	Rated Working Load Lbs Kg-f	Average Chain Weight Lbs/ft Kg/m
			Dia R	Inside Width W	Dia D	Length				Height H	Thick. T			
						L1	L2	LR	LC					
80SG	inch	1.000	0.625	0.625	0.312	0.69	0.79	1.37	1.48	0.949	0.126	17,650	4,140	1.74
	mm	25.40	15.88	15.88	7.92	17.4	20.1	34.8	37.5	24.1	3.2	8,025	1,880	2.60
100SG	inch	1.250	0.750	0.750	0.375	0.82	0.96	1.64	1.78	1.185	0.157	26,500	6,360	2.62
	mm	31.75	19.05	19.05	9.53	20.8	24.4	41.6	45.2	30.1	4.0	12,045	2,890	3.90
120SG	inch	1.500	0.875	1.000	0.437	1.02	1.17	2.04	2.19	1.425	0.188	39,000	8,540	3.89
	mm	38.10	22.23	25.40	11.10	25.9	29.8	51.8	55.7	36.2	4.8	17,725	3,880	5.80
140SG	inch	1.750	1.000	1.000	0.500	1.11	1.28	2.21	2.38	1.661	0.220	48,600	11,310	5.03
	mm	44.45	25.40	25.40	12.70	28.1	32.4	56.2	60.5	42.2	5.6	22,090	5,140	7.50
160SG	inch	2.000	1.125	1.250	0.562	1.31	1.48	2.62	2.80	1.898	0.250	63,000	14,910	6.57
	mm	50.80	28.58	31.75	14.27	33.3	37.7	66.6	71.0	48.2	6.4	28,635	6,775	9.80
180SG	inch	2.250	1.406	1.406	0.687	1.52	1.71	3.04	3.23	2.067	0.283	81,500	15,870	9.10
	mm	57.15	35.7	35.7	17.45	38.6	43.4	77.2	82.0	52.5	7.2	37,045	7,215	13.57
200SG	inch	2.500	1.562	1.500	0.781	1.61	1.95	3.23	3.56	2.374	0.315	105,000	18,500	11.33
	mm	63.50	39.67	38.10	19.84	41.0	49.5	82.0	90.5	60.3	8.0	47,725	8,410	16.90
240SG	inch	3.000	1.875	1.875	0.936	1.97	2.27	3.94	4.24	2.850	0.374	152,200	25,360	15.83
	mm	76.20	47.63	47.63	23.78	50.0	57.7	100.0	107.7	72.4	9.5	69,180	11,525	23.60