



Key Industries:
Petrochemical

Features:

- High dynamic load capacity
- Shock resistant rollers
- Shot peened components
- Sideplates, roller and pins are through hardened
- Solid rollers
- Sideplates holes are ball drifted

Benefits:

- Small run-in elongation
- Durability
- Very high impact strength
- Very robust in difficult conditions
- Maximum reliability
- Improved cost-effectiveness

Lubrication:

- Operating temperature from -30°C to +130°C
- With high temperature lubricants use is possible up to 250°C
- Use of Rexnord RexPro Lubrication, free from heavy metals, silicone and Teflon
- Very good surface adhesion, no dripping even at high temperatures

Link-Belt - Oilfield Roller Chain

Certified Performance by API

Roller Chains installed in oil field applications are subjected to particularly severe operating conditions. Reliability and durability must therefore be assured.

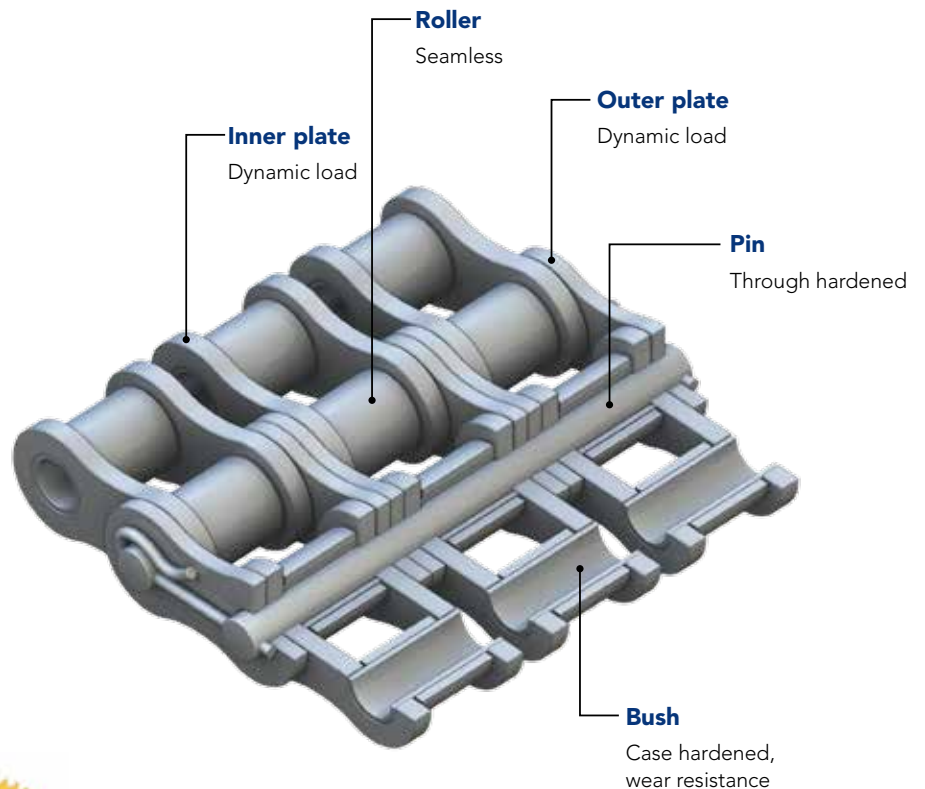
Meticulous quality control, special manufacturing processes and the selection of the most suitable materials provide the optimum combination of fatigue and wear resistance for Link-Belt oil field roller chains. These means ensure the best performance in this specialized area of roller chain application.

Link-Belt oil field roller chains bear the trade mark "OF" as a symbol of their special suitability for use in oil-drilling operations.

The trade mark stands for high precision, absolute dependability and long life. It is your assurance of excellent products from a leading modern chain manufacturer.

Over the past 100 years the brand name Link-Belt has become synonymous with top quality chain products. In addition, Link-Belt roller chains are manufactured under DIN EN ISO 9001 certification.

Link-Belt is authorized to use the official API monogram on oil field chains and sprockets manufactured in accordance to API Spec. 7 F.

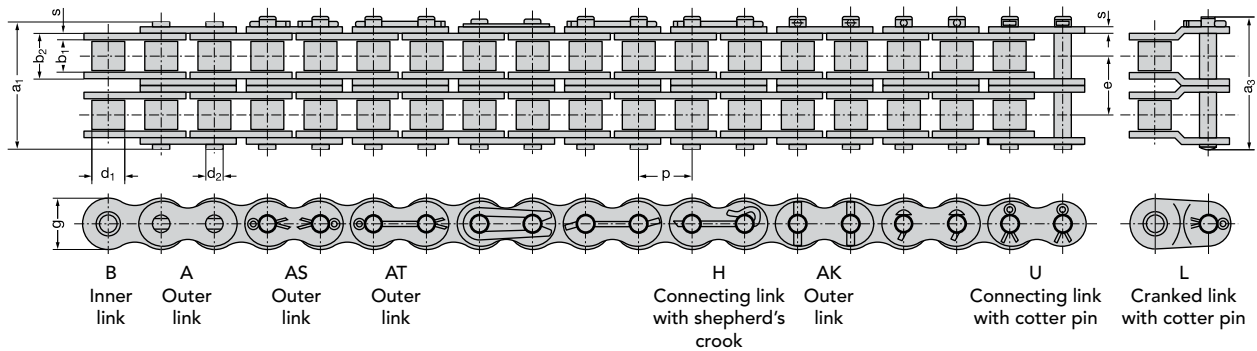


Double-Strand Roller Chains, ANSI*

Inch

Chain no.	Pitch	Dimension in inches									Bearing area A inch ²	Min. ultimate strength F _B lbf	Weight ~q lb/ft.	Outer link		Loose parts
		ANSI	p inch	b ₁ min.	d ₁ max.	d ₂ max.	b ₂ max.	g max.	e	a ₁ max.				a ₃ max.	s	
RC 50-2	0.625	0.37	0.40	0.20	0.54	0.59	0.71	1.52	1.63	0.08	0.22	10,000	1.48	A	E	L
RC 60-2	0.750	0.50	0.47	0.23	0.70	0.70	0.90	1.91	2.03	0.09	0.33	14,300	2.13	A	U	L
RC 80FR EW-2	1.000	0.62	0.63	0.31	0.89	0.93	1.15	2.46	2.64	0.13	0.55	25,500	3.81	H	L	H
RC 100FR EW-2	1.250	0.74	0.75	0.38	1.08	1.15	1.41	2.97	3.18	0.16	0.81	39,800	5.57	H	L	H
RC 120FR EW-2	1.500	0.99	0.88	0.44	1.39	1.36	1.79	3.75	4.00	0.19	1.22	57,100	7.92	H	L	H
RC 140FR EW-2	1.750	0.99	1.00	0.50	1.46	1.61	1.93	4.03	4.32	0.22	1.46	77,500	10.41	H	L	H
RC 160FR EW-2	2.000	1.24	1.13	0.56	1.77	1.88	2.31	4.81	5.13	0.25	2.02	102,000	14.29	H	L	H
RC 180FR EW-2	2.250	1.41	1.41	0.69	2.00	2.13	2.54	5.39	5.73	0.28	2.74	127,000	19.88	K	K	L
RC 200FR EW-2	2.500	1.49	1.56	0.78	2.16	2.36	2.82	5.89	6.27	0.32	3.38	160,000	23.97	H	S	L
RC 240FR EW-2	3.000	1.87	1.88	0.94	2.66	2.76	3.46	7.20	7.67	0.37	5.00	230,000	36.50	H	S	L

* Until twelve-strand available upon request



Triple-Strand Roller Chain, ANSI*

Inch

Chain no.	Pitch	Dimension in inches									Bearing area A inch ²	Min. ultimate strength F _B lbf	Weight ~q lb/ft.	Outer link		Loose parts
		ANSI	p inch	b ₁ min.	d ₁ max.	d ₂ max.	b ₂ max.	g max.	e	a ₁ max.				a ₃ max.	s	
RC 50-3	0.625	0.37	0.40	0.20	0.54	0.59	0.71	2.23	2.36	0.08	0.33	15,000	2.23	A	E	L
RC 60-3	0.750	0.50	0.47	0.23	0.70	0.70	0.90	2.81	2.88	0.09	0.49	21,400	3.17	A	U	L
RC 80FR EW-3	1.000	0.62	0.63	0.31	0.89	0.93	1.15	3.61	3.85	0.13	0.83	38,200	5.79	H	L	H
RC 100FR EW-3	1.250	0.74	0.75	0.38	1.08	1.15	1.41	4.38	4.62	0.16	1.22	59,700	8.36	H	L	H
RC 120FR EW-3	1.500	0.99	0.88	0.44	1.39	1.36	1.79	5.54	5.84	0.19	1.83	85,600	11.58	H	L	H
RC 140FR EW-3	1.750	0.99	1.00	0.50	1.46	1.61	1.93	5.96	6.24	0.22	2.19	117,000	15.76	H	L	H
RC 160FR EW-3	2.000	1.24	1.13	0.56	1.77	1.88	2.31	7.12	7.43	0.25	3.02	153,000	19.28	H	L	H
RC 180FR EW-3	2.250	1.41	1.41	0.69	2.00	2.13	2.54	7.96	8.30	0.28	4.12	191,000	29.71	K	K	L
RC 200FR EW-3	2.500	1.49	1.56	0.78	2.16	2.36	2.82	8.71	8.03	0.32	5.07	239,000	35.77	H	S	L
RC 240FR EW-3	3.000	1.87	1.88	0.94	2.66	2.76	3.46	10.66	11.13	0.37	7.51	345,000	54.61	H	S	L

* Until twelve-strand available upon request

