



Industries Served:
 Food & Beverage
 Pulp & Paper
 Material Handling

Features:

- Made from materials with excellent rust- and acid-resistant properties
- High loading capacity at speeds up to approximately 1.5 meter / second
- Seamless bushes
- NSF H1 certification
- Patented special steel
- High mechanical stability
- Perfect to use in extreme conditions

Benefits:

- High wear resistance
- Hygienic
- Resistant to water and steam
- Direct contact with foodstuffs permitted
- Long service life

Lubrication:

- With food-grade lubricant
- Temperature range: -40°C to +120°C (extension from +120°C to +400°C possible)
- Also available without ex-works lubrication

Rexnord RexPlus Roller Chain

Extreme Performance by Rexnord

Rexnord RexPlus Roller Chain provides outstanding **wear resistance** and very good **acid and corrosion protection**.

Rust- and acid-resistant

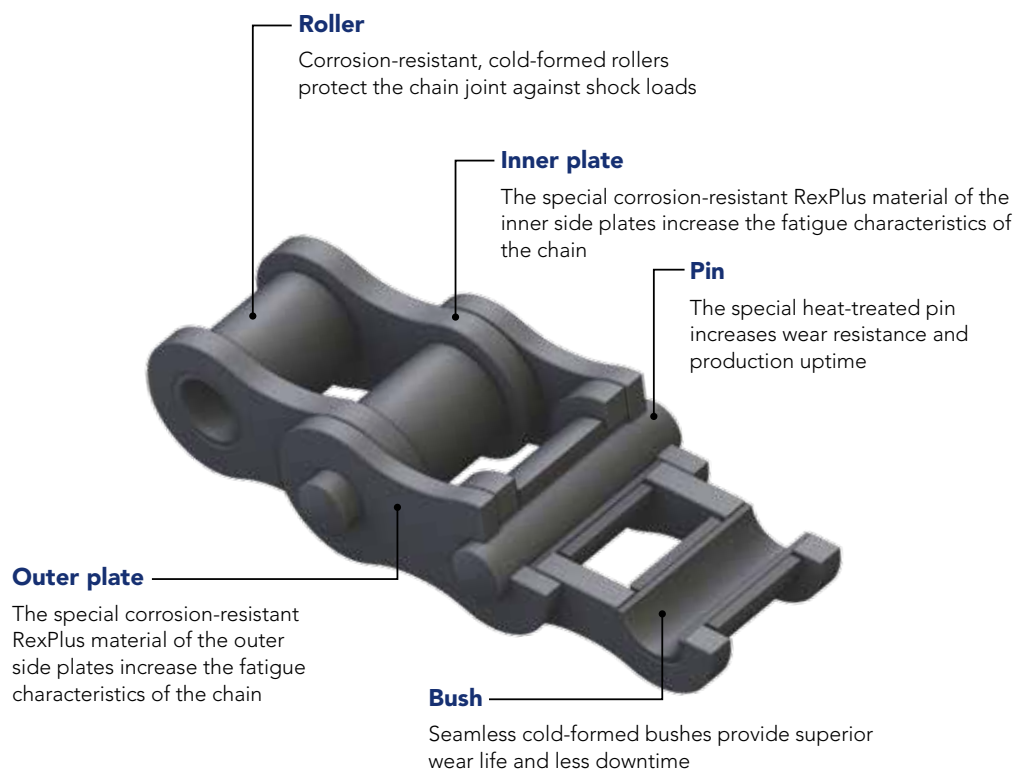
The Rexnord RexPlus Roller Chain consists of extremely rust- and acid-resistant materials. This makes it possible to use the chain in water, steam and aggressive liquids without damaging the chain. At the same time, due to the heat-treatment of the pins, the wear life of this chain is significantly longer than other corrosion-resistant chains. A stability list is available upon request.

Maximum hygiene

Where strict hygienic conditions or water is a factor and corrosion-free material is needed, Rexnord RexPlus Roller Chain offers superior performance. Direct food contact is permitted. This makes it the best choice for the Food & Beverage industry.

Long service life

A long service life is granted due to the special steel used in the chain. Together with the heat-treated pin, this steel ensures a high wear resistance and long wear lifetime.



Recommended chain tractive power for appropriate speeds

Chain No.	temperature range -40°C to +200°C admissible tractive power for				temperature range +200°C to +400°C admissible tractive power for	
	N up to 0,5 m/s	N up to 1,0 m/s	N up to 1,5 m/s	N up to 2,0 m/s	N up to 0,5 m/s	N up to 1,0 m/s
	08 B - 1 SS	850	750	650	500	530
10 B - 1 SS	1100	1000	900	670	690	630
12 B - 1 SS	1500	1300	1100	890	940	810
16 B - 1 SS	3500	3100	2700	2100	2200	1900
08 B - 2 SS	1500	1300	1100	900	900	800
10 B - 2 SS	1900	1800	1600	1200	1200	1100
12 B - 2 SS	2600	2300	1900	1600	1600	1400
16 B - 2 SS	6100	5400	4700	3700	3800	3400
08 B - 3 SS	2100	1900	1600	1300	1300	1200
10 B - 3 SS	2800	2500	2300	1700	1800	1600
12 B - 3 SS	3800	3300	2800	2200	2400	2100
16 B - 3 SS	8800	7800	6800	5300	5500	4900

European standard – Rexnord RexPlus Roller Chain made of stainless steel

Simplex roller chain

Chain No.*	Pitch	Width between inner plates	Roller Ø	Pin Ø	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Average tensile strength	Weight	Straight sided plate	Loose parts																	
														p	b ₁ min.	d ₁ max.	d ₂ max.	b ₂ max.	g max.	e	a ₁ max.	a ₃ max.	A	F _b	q	A	B	C**	E	L**	S
														Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	kg/m					
08 B - 1 SS	0.50	12.7	7.75	8.51	4.45	11.30	11.6	-	16.7	19.0	0.50	12 000	0.7	x	x	x	x	x													
10 B - 1 SS	0.625	15.875	9.65	10.16	5.08	13.28	14.6	-	18.9	22.0	0.67	15 500	0.9	x	x	x	x	x													
12 B - 1 SS	0.75	19.05	11.68	12.07	5.72	15.62	15.9	-	22.3	25.1	0.89	17 500	1.15	x	x	x	x	x	x	x											
16 B - 1 SS	1.00	25.4	17.02	15.88	8.28	25.40	20.8	-	35.4	40.8	2.10	44 000	2.6	x	x	x	x	x	x	x											

* Duplex, Triplex and side bow roller chain also available
 ** Cranked links only available in standard approved austenitic stainless steel

