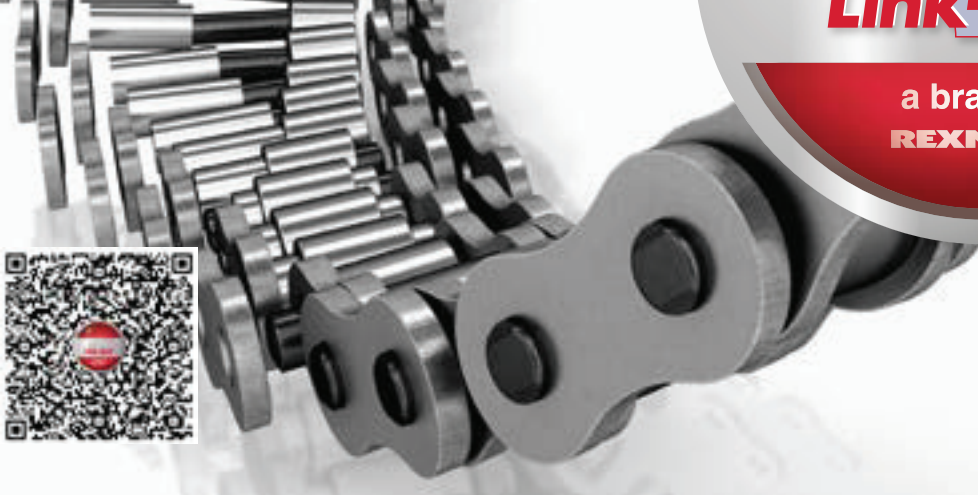




Approved Performance from Rexnord

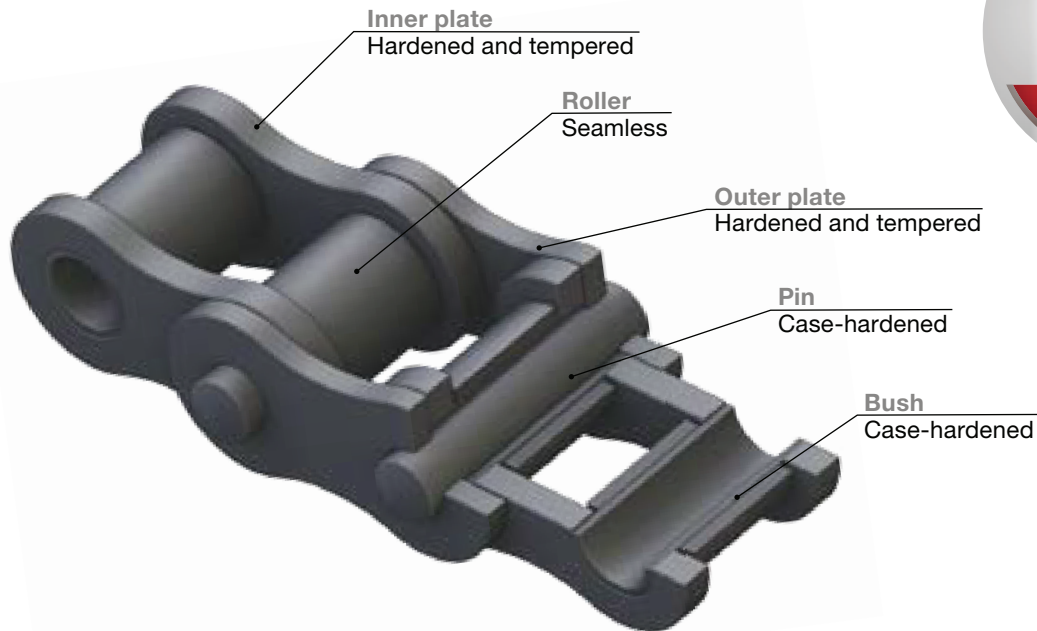
**Roller chains | European type**



MODULE\_05/GB/2014/08 // No liability accepted for misprints or errors!

## Roller chains - European type

Approved Performance from Rexnord.



### APPLICATIONS

- Light and medium duty
- Agricultural machinery, wood processing
- Textile industry

### CHARACTERISTICS

- Established brand name
- Fulfils ISO quality requirements
- Rexnord guarantees the achievement of performance requirements

### ADVANTAGES

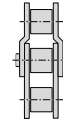
- Good cost-benefit ratio
- Good availability
- Robust quality

### LUBRICATION

- Contains no heavy metals
- Fulfils REACH requirements

## Roller chains - European type

Approved Performance from Rexnord.



### Simplex roller chains



#### Proven performance

- Fulfills ISO quality requirements
- Rexnord guarantees the achievement of performance requirements
- Optimum choice for light and medium duty



#### Purchasing policy

- Suppliers must comply with local environmental laws
- Suppliers must comply with Rexnord's ethical policy and internal guidelines
- Suppliers must take local environmental policy into account



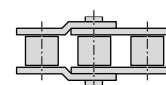
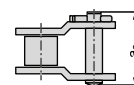
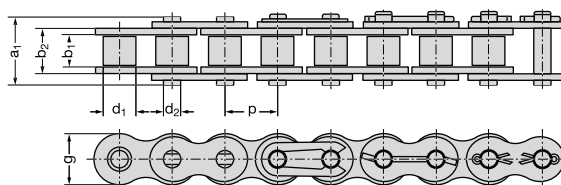
#### Economical

- Good cost-benefit ratio
- Good availability



## Simplex roller chains, ISO 606

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required min. tensile strength DIN/ISO	Weight	Loose parts									
	p	p												b <sub>1</sub> min.	d <sub>1</sub> max.	d <sub>2</sub> max.	b <sub>2</sub> max.	g max.	e	a <sub>1</sub> max.	a <sub>3</sub> max.	A	F <sub>u</sub>
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	N	kg/m									
04 B-1	0.235	6.0	2.80	4.00	1.85	4.10	5.0	-	7.4	10.3	0.08	3 000	0.1			x	x						
05 B-1	0.315	8.0	3.00	5.00	2.31	4.77	7.1	-	8.6	11.7	0.11	4 400	0.2			x	x						
06 B-1	0.375	9.525	5.72	6.35	3.28	8.53	8.2	-	13.5	16.8	0.28	8 900	0.4			x	x	x					
08 B-1	0.50	12.7	7.75	8.51	4.45	11.30	11.8	-	17.0	20.9	0.50	17 800	0.7			x	x	x					
10 B-1	0.625	15.875	9.65	10.16	5.08	13.28	14.7	-	19.6	23.7	0.67	22 200	0.9			x	x	x	x				
12 B-1	0.75	19.05	11.68	12.07	5.72	15.62	16.2	-	22.7	27.3	0.89	28 900	1.2			x	x	x	x				
16 B-1	1.00	25.4	17.02	15.88	8.28	25.45	21.0	-	36.1	41.5	2.11	60 000	2.7			x	x	x	x				
20 B-1	1.25	31.75	19.56	19.05	10.19	29.01	26.4	-	43.2	49.3	2.96	95 000	3.6						x	x			
24 B-1	1.50	38.1	25.40	25.40	14.63	37.92	33.4	-	53.4	60.0	5.55	160 000	6.7							x	x		
28 B-1	1.75	44.45	30.99	27.97	15.80	46.58	37.0	-	65.1	72.5	7.36	200 000	8.7								x	x	
32 B-1	2.00	50.8	30.99	29.21	17.81	45.57	42.2	-	67.4	75.3	8.12	250 000	10.0									x	x



B  
inner link

A  
outer link

E  
connecting link with clip

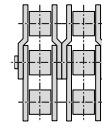
S  
connecting link with cotter

L  
cranked link with cotter

C  
double cranked link

## Roller chains - European type

Approved Performance from Rexnord.



### Duplex roller chains



#### Proven performance

- Fulfills ISO quality requirements
- Rexnord guarantees the achievement of performance requirements
- Optimum choice for light and medium duty



#### Purchasing policy

- Suppliers must comply with local environmental laws
- Suppliers must comply with Rexnord's ethical policy and internal guidelines
- Suppliers must take local environmental policy into account

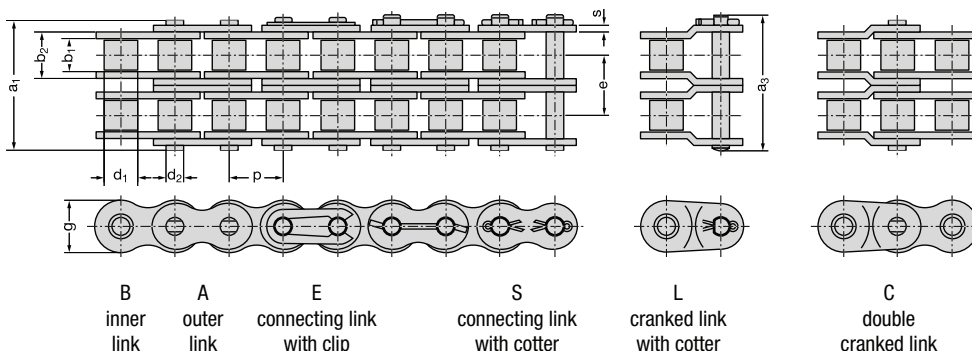


#### Economical

- Good cost-benefit ratio
- Good availability

## Duplex roller chains, ISO 606

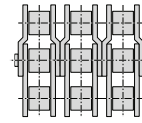
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required min. tensile strength DIN / ISO	Weight	Loose parts							
	p													b <sub>1</sub> min.	d <sub>1</sub> max.	d <sub>2</sub> max.	b <sub>2</sub> max.	g max.	e	a <sub>1</sub> max.	a <sub>3</sub> max.
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	N	kg/m							
06 B-2	0.375	9.525	5.72	6.35	3.28	8.53	8.2	10.24	23.8	27.1	0.56	19 600	0.8			x	x	x			
08 B-2	0.50	12.7	7.75	8.51	4.45	11.30	11.8	13.92	31.0	34.9	1.01	31 100	1.4			x	x	x			
10 B-2	0.625	15.875	9.65	10.16	5.08	13.28	14.7	16.59	36.2	40.3	1.35	44 500	1.8			x	x	x	x		
12 B-2	0.75	19.05	11.68	12.07	5.72	15.62	16.2	19.46	42.2	46.8	1.79	57 800	2.3			x	x	x	x		
16 B-2	1.00	25.4	17.02	15.88	8.28	25.45	21.0	31.88	68.0	73.4	4.21	106 000	5.3			x	x	x	x		
20 B-2	1.25	31.75	19.56	19.05	10.19	29.01	26.4	36.45	79.7	85.8	5.91	170 000	7.0						x	x	
24 B-2	1.50	38.1	25.40	25.40	14.63	37.92	33.4	48.36	101.8	108.4	11.10	280 000	13.2							x	x
28 B-2	1.75	44.45	30.99	27.97	15.80	46.58	37.0	59.56	124.7	132.1	14.72	360 000	17.5							x	x
32 B-2	2.00	50.8	30.99	29.21	17.81	45.57	42.2	58.55	126.0	133.9	16.23	450 000	19.5							x	x





## Roller chains - European type

Approved Performance from Rexnord.



### Triplex roller chains



#### Proven performance

- Fulfills ISO quality requirements
- Rexnord guarantees the achievement of performance requirements
- Optimum choice for light and medium duty



#### Purchasing policy

- Suppliers must comply with local environmental laws
- Suppliers must comply with Rexnord's ethical policy and internal guidelines
- Suppliers must take local environmental policy into account



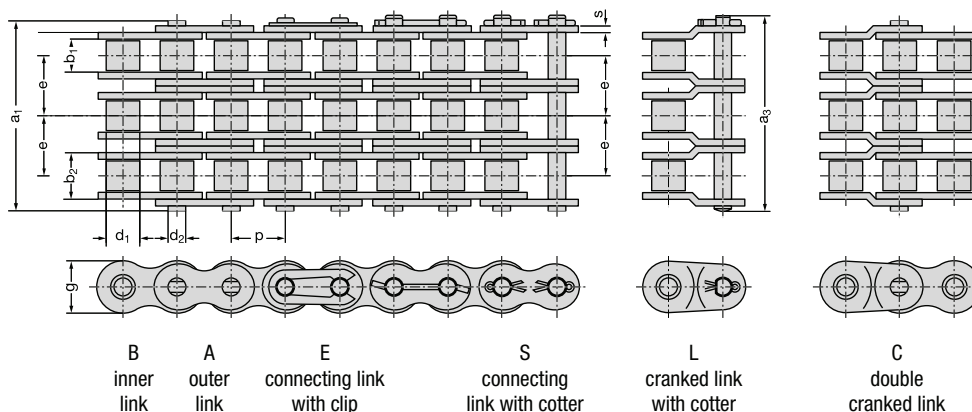
#### Economical

- Good cost-benefit ratio
- Good availability



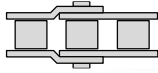
## Triplex roller chains, ISO 606

Chain No.	Pitch		Width between inner plates		Roller diameter	Pin diameter	Width over inner link	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required min. tensile strength DIN/ISO	Weight	Loose parts					
	p		b <sub>1</sub> min.	d <sub>1</sub> max.	d <sub>2</sub> max.	b <sub>2</sub> max.	g max.	e	a <sub>1</sub> max.	a <sub>3</sub> max.	A	F <sub>u</sub>	q	A	B	C	E	L	S	
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm <sup>2</sup>	N	kg/m						
06 B-3	0.375	9.525	5.72	6.35	3.28	8.53	8.2	10.24	34.0	37.3	0.84	24 900	1.2			x	x	x		
08 B-3	0.50	12.7	7.75	8.51	4.45	11.30	11.8	13.92	44.9	48.8	1.51	44 500	2.1			x	x	x		
10 B-3	0.625	15.875	9.65	10.16	5.08	13.28	14.7	16.59	52.8	56.9	2.02	66 700	2.7			x	x	x	x	
12 B-3	0.75	19.05	11.68	12.07	5.72	15.62	16.2	19.46	61.7	66.3	2.68	86 700	3.4			x	x	x	x	
16 B-3	1.00	25.4	17.02	15.88	8.28	25.45	21.0	31.88	99.9	105.3	6.32	160 000	7.9			x	x	x	x	
20 B-3	1.25	31.75	19.56	19.05	10.19	29.01	26.4	36.45	116.1	122.2	8.87	250 000	10.4					x	x	
24 B-3	1.50	38.1	25.40	25.40	14.63	37.90	33.4	48.36	150.2	156.8	16.64	425 000	19.7					x	x	
28 B-3	1.75	44.45	30.99	27.97	15.80	46.58	37.0	59.56	184.3	191.7	22.08	530 000	26.1					x	x	
32 B-3	2.00	50.8	30.99	29.21	17.81	45.57	42.2	58.55	184.5	192.4	24.35	670 000	29.0					x	x	



## Overview Rexnord roller chains

### Roller Chains



**REXNORD**  
**RexPro**  
RexPro lubrication  
improved wear resistance  
high fatigue resistance

- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly

**REXNORD**  
**RexAthletic**  
good loading capacity  
extended lubrication intervals

- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity

**REXNORD**  
**RexCarbon**  
no lubrication  
low noise

- Maintenance-free
- Low noise
- Eco-friendly

**REXNORD**  
**RexPlus**  
excellent corrosion resistance  
high reliability

- Excellent resistance to rust and acids
- Highly reliable
- Fulfills hygiene requirements
- NSF H1 certification

**REXNORD**  
**RexPlusCarbon**  
no lubrication  
excellent corrosion resistance

- Combination of RexPlus and RexCarbon
- Excellent resistance to rust and acids
- Maintenance-free
- NSF H1 certification

**REXNORD**  
**RexHiPro**  
good corrosion resistance  
excellent loading capacity

- Outstanding corrosion resistance
- Long service life
- High loading capacity

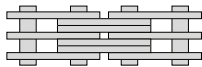
**Link-Belt**  
a brand of  
**REXNORD**

- The optimum choice for light and medium duty
- Good cost-benefit ratio
- High availability

**REXNORD**  
**RexProX**  
RexPro lubrication  
improved wear resistance  
high fatigue resistance

- Extremely high loading capacity
- Long service life
- Outstanding protection against corrosion and wear

### Leaf Chains



**REXNORD**  
**RexPro**  
RexPro lubrication  
improved wear resistance  
high fatigue resistance

- Outstanding protection against corrosion and wear
- Unique protection against chain joint stiffness
- Extremely eco-friendly

**REXNORD**  
**RexHiPro**  
good corrosion resistance  
excellent loading capacity

- Outstanding corrosion resistance
- Long service life
- High loading capacity

**REXNORD**  
**RexAthletic**  
good loading capacity  
extended lubrication intervals

- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity
- Extreme wear resistance for double-length service life

**REXDL**  
a brand of  
**REXNORD**

- The optimum choice for light and medium duty
- Good cost-benefit ratio
- Good availability