



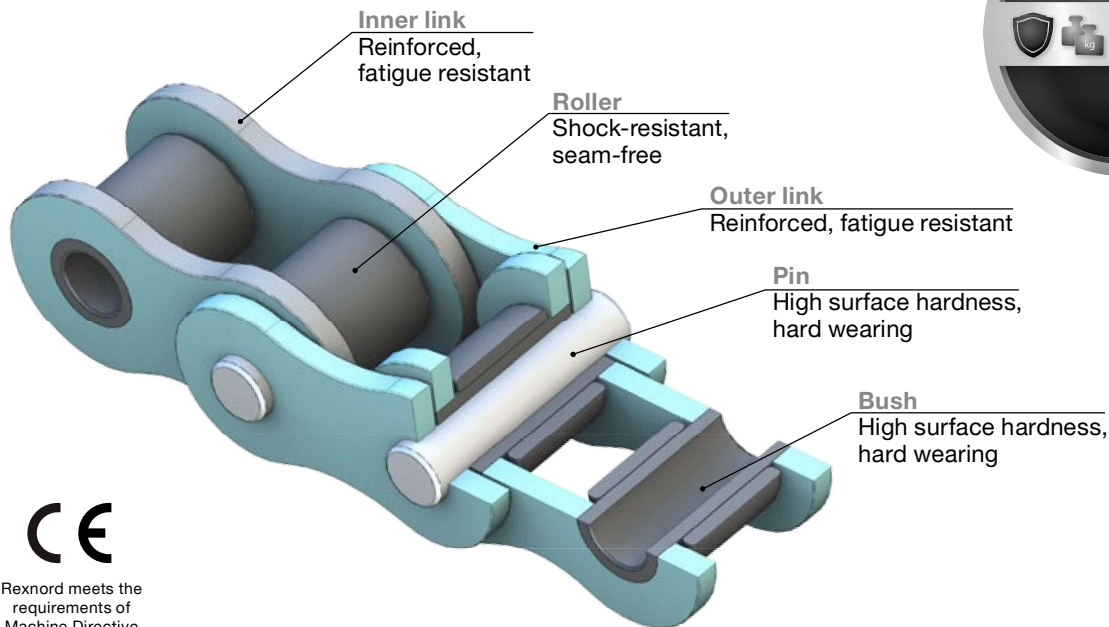
High Performance from Rexnord

Roller chains | H-Series | American type



H-Series - American type

High Performance from Rexnord.



APPLICATIONS

- Drilling rigs
- Machinery for road excavation & construction
- Agriculture and forestry

CHARACTERISTICS

- Fulfills the stringent demands set by the excellent RexPro standards
- Enlarged bearing area
- Higher breaking strength
- 40% higher fatigue resistance (loading capacity)
- Compatible with European type

ADVANTAGES

- For high-performance power transmission
- Very high impact strength
- Very robust, even under the toughest conditions

LUBRICATION

- RexPro lubrication without heavy metals for improved protection
- Operating temperature: -30°C to +130°C (can be extended from -40°C to + 250°C)
- Very good surface adhesion; remains drip resistant even at high temperatures
- No heavy metals; Teflon- and silicone-free

RexPro - High performance from Rexnord



Excellent Corrosion Protection

- 8 - 10 times better than the best competitors
- More than 100 % better in the buckling test
- Highly versatile, also suitable for aggressive environments



Improved Wear Resistance

- 8 - 12 % improvement in comparison to predecessor
- Great protection through RexPro lubrication
- Long working life
- High operating reliability



High Fatigue Resistance

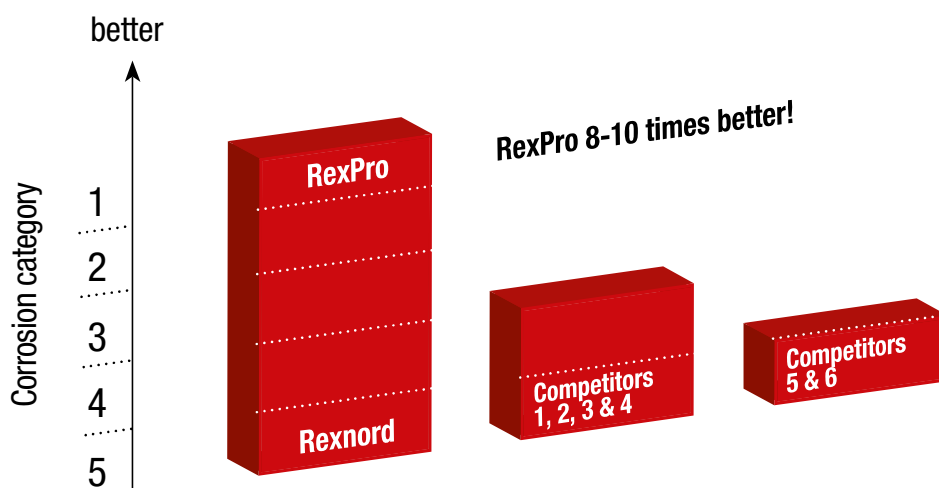
- Ball-drifted plate holes
- Shot-peened chain links, seam-free rollers
- High pre-loading



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

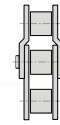
Salt spray test in accordance with DIN EN ISO 9227



Rexnord meets the requirements of Machine Directive 2006/42/EC

H-Series - American type

High Performance from Rexnord.



Simplex roller chains



Rexnord meets the requirements of Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



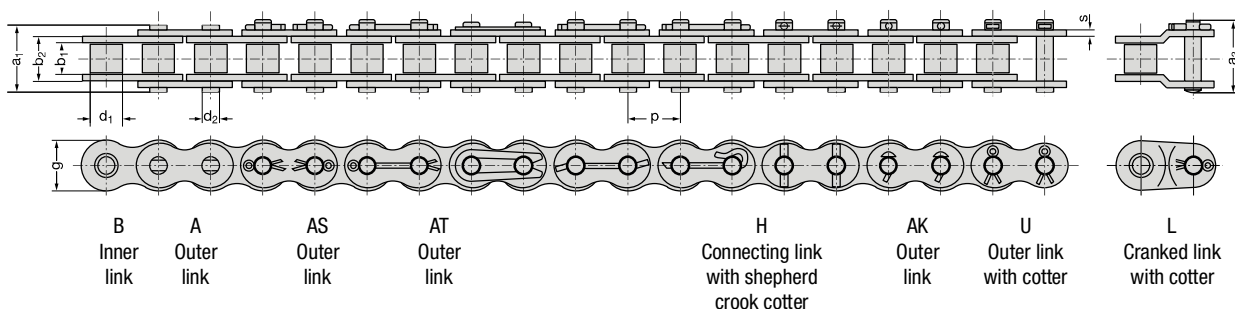
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Simplex roller chains, DIN ISO 606

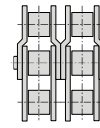
Heavy Series with increased fatigue resistance (thicker plates)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts									
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _U	F _B	q	A	B	AK	AS	AT	H	L	S	U		
Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm²	N	N	kg/m										
60 H - 1	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	—	28.8	32.0	1.15	31 300	45 000	2.0	x	x						x		
80 H - 1	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	—	35.9	41.0	1.94	55 600	80 000	3.2	x	x						x		
100 H - 1	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	—	42.8	48.2	2.76	87 000	45 000	4.4	x	x						x		
120 H - 1	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	—	53.0	59.0	4.12	125 000	150 000	6.4	x	x						x		
140 H - 1	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	—	56.6	62.6	4.91	170 000	207 000	8.3	x	x			x			x	x	
160 H - 1	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	—	67.2	72.3	6.69	223 000	260 000	11.5	x	x			x			x	x	
200 H - 1	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	—	84.0	93.5	11.4	347 000	420 000	20.0	x	x			x			x	x	



H-Series - American type

High Performance from Rexnord.



Duplex roller chains



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

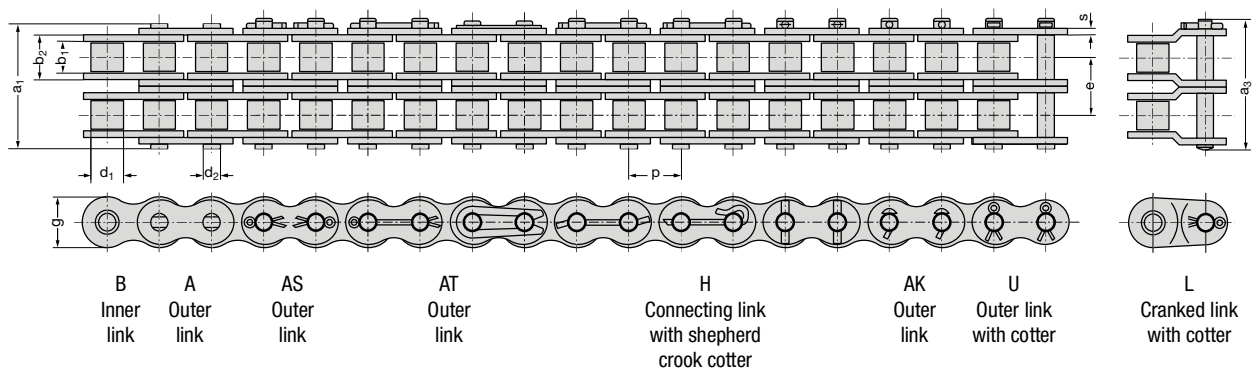


Rexnord meets the requirements of Machine Directive 2006/42/EC

Duplex roller chains, DIN ISO 606

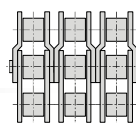
Heavy Series with increased fatigue resistance (thicker plates)

Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts																				
	p	b ₁ min														d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _U	F _B	q	A	B	AK	AS	AT	H	L	S	U
	Inch	mm														mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
60 H - 2	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	26.10	54.9	58.0	2.30	62 600	95 000	4.0	x	x							x												
80 H - 2	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	32.60	68.6	73.7	3.88	112 200	100 000	6.3	x	x							x												
100 H - 2	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	39.12	82.0	97.8	5.52	174 000	290 000	9.0	x	x							x												
120 H - 2	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	48.91	101.8	109.5	8.36	250 000	300 000	12.6	x	x							x												
140 H - 2	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	52.20	108.7	116.0	9.82	340 000	414 000	16.2	x	x	x						x	x											
160 H - 2	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	61.89	128.6	136.8	13.4	446 000	520 000	22.0	x	x	x						x	x											
200 H - 2	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	78.30	161.6	171.2	22.8	694 000	840 000	39.0	x	x	x		x				x	x											



H-Series - American type

High Performance from Rexnord.



Triplex roller chains



Rexnord meets the
requirements of
Machine Directive 2006/42/EC



Applications & Characteristics

- For heavy-duty drives and lifting purposes
- High loading capacity



Maintenance & Service life

- Very robust
- Long service life



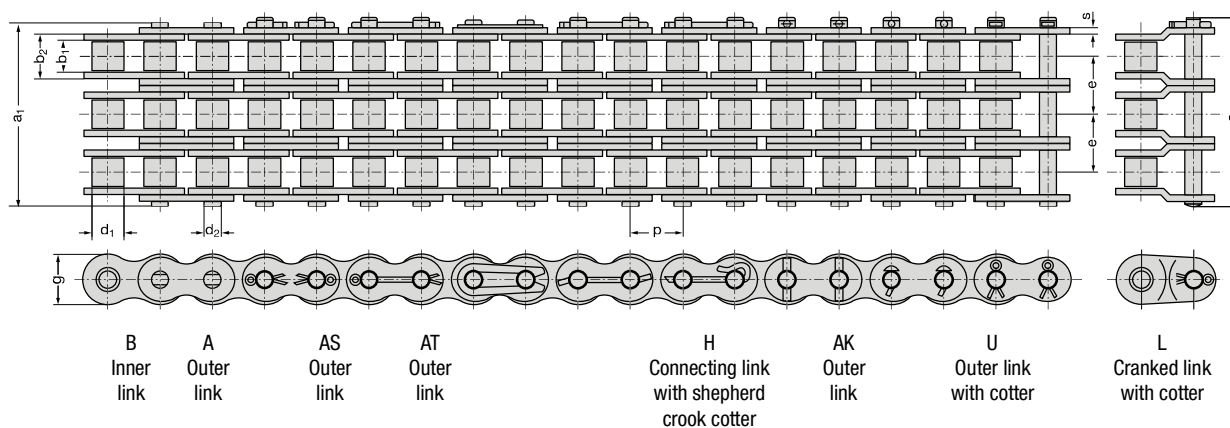
Eco friendly

- Through RexPro lubrication
- No heavy metals; Teflon- and silicone-free
- Environmental management system conforms to DIN EN ISO 14001

Triplex roller chains, DIN ISO 606

Heavy Series with increased fatigue resistance (thicker plates)

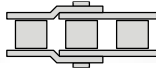
Chain No.	Pitch		Width between inner plates	Roller diameter	Pin diameter	Width over inner link	Plate depth	Plate depth	Transverse pitch	Pin length	Connecting pin length	Bearing area	Required minimum tensile strength DIN/ISO	Average tensile strength	Weight	Loose parts											
	p	b ₁ min	d ₁ max	d ₂ max	b ₂ max	s	g	e	a ₁ max	a ₃ max	A	F _U	F _B	q													
	Inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm ²	N	N	kg/m	A	B	AK	AS	AT	H	L	S	U		
60 H - 3	0.75	19.05	12.57	11.91	5.94	19.35	3.05	17.7	26.10	81.1	84.4	3.45	93 900	135 000	5.8	x	x						x				
80 H - 3	1.00	25.4	15.75	15.88	7.92	24.30	4.0	23.5	32.60	101.2	106.3	5.82	166 800	240 000	9.6	x	x						x				
100 H - 3	1.25	31.75	18.90	19.05	9.53	29.00	4.7	29.2	39.12	120.0	126.6	8.30	261 000	345 000	13.4	x	x						x				
120 H - 3	1.50	38.1	25.22	22.23	11.10	37.00	5.5	34.4	48.91	150.8	158.7	12.3	375 000	450 000	19.5	x	x						x				
140 H - 3	1.75	44.45	25.22	25.40	12.70	38.70	6.3	40.8	52.20	160.9	168.3	14.3	510 000	621 000	24.7	x	x	x					x	x			
160 H - 3	2.00	50.8	31.55	28.58	14.27	46.90	7.0	47.8	61.89	198.0	198.7	20.1	669 000	780 000	29.4	x	x	x					x	x			
200 H - 3	2.50	63.5	37.85	39.68	19.84	57.60	9.5	60.0	78.30	239.1	248.7	34.3	1 041 000	1 350 000	58.0	x	x			x			x	x			





Overview Rexnord roller chains

Roller Chains



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

- Maintenance-free
- Low noise
- Eco-friendly

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

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

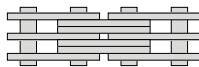
- Durable and low-maintenance
- Longer servicing intervals
- High loading capacity

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

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

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

Leaf Chains



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

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

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

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