

Key Industries:

- Automotive
- Industrial

Key Applications:

- Single and dual strand assembly
- Single and dual strand washdown and water test
- Single and dual strand inspection
- Skid cross transfer

General Specifications:

- Heavy load capability
- 6.7% open area
- 3 inch (76.2 mm) pitch
- Stainless steel rod and tension plates
- Black acetal (POM) material with safety colors available standard. Flame retardant nylon material engineered to order.

Rexnord 3122 Hybrid MatTop Chain

Breakthrough industrial solution

Rexnord FlatTop continuously develops and introduces new conveyor products that meet the performance demands of the marketplace. In addition to reliable vehicle handling, automotive plants can benefit from the use of Rexnord® 3122 Hybrid (HYB™) MatTop® Chain by improving their efficiency, and promoting the comfort and safety of their workers.

Our heaviest duty chain design for heavy load conveying

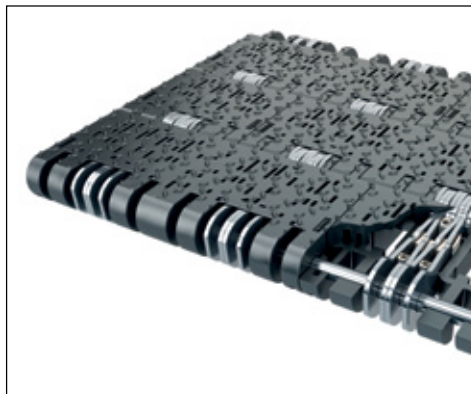
Design for long runs and heavy loads, the Rexnord 3122 HYB MatTop Chain is a preferred solution. The design includes solid stainless steel pins (rods) and 12 stainless steel tension plates per foot of chain width. The construction provides superior stiffness and fatigue strength which improves running properties, mitigates pulsation and provides extended chain life.

Rexnord 3122 HYB MatTop Chain

A safety top design combines with perforated open area making the chain suitable for wet and dry environments. The modular design is easy to install and maintain. The 3 inch (76.2 mm) pitch allows for smaller sprocket diameter providing for a more compact construction and flexible drive-train package(s).

Rexnord 3120 HYB MatTop Chain Series Sprockets

Solid nylon and H-style design provide a durable and abrasive resistant sprocket. The Rexnord 3120 HYB MatTop Chain sprocket is customizable and can be specified to provide any bore size and sprocket tooth number with design limitations. The H-style teeth interact directly with the chain barrel and maximizes load transfer to the pin and tension plates to optimize overall load sharing.



Rexnord 3122 Hybrid MatTop Chain



Rexnord 3122 Hybrid MatTop Chain

Rexnord 3122 HYB Series MatTop Chain assembled to width

Prefix	Chain Material	Standard Pin Material	Temperature						Chain Strength		Approximate Weight	
			Fahrenheit			Celsius						
			min	max		min	max					
				dry	wet		dry	wet	lbs/ft	N/m	lbs/ft ²	Kg/m ²
Non-Standard Materials												
BM	Black Material	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
BYM	Black Material with Yellow Ends	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
BRM	Black Material with Red Ends	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
BDBM	Black Material with Blue Ends	Stainless Steel	-40	+180	+150	-40	+82	+66	18,000	262,690	11.61	56.67
FR-PA	Flame retardent Nylons (Black)	Stainless Steel	-40	220	NR	-40	104	NR	18,000	262,690	11.33	55.32

General information:

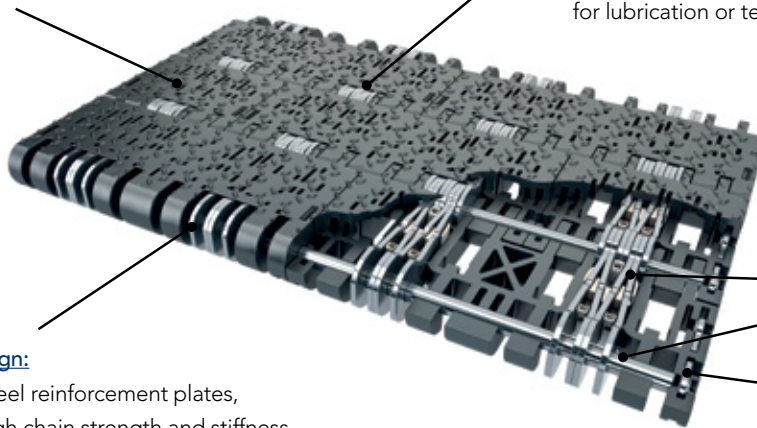
- The Rexnord 3122 HYB MatTop Chain Series is offered in anti-slip safety top surface execution with perforations for drainage in wet environments and ventilation in inspection areas
- Nominal standard widths on the Rexnord 3122 HYB MatTop Chain are 4 inch (101.6 mm), and incremental 4 inch (101.6 mm) widths up to 48 inch (1219.2 mm) maximum total width
- 3 inch (76.2 mm) pitch and 1.25 (31.75 mm) thickness of the link
- The Rexnord 3122 HYB MatTop Chain Series will also offer pusher attachments molded in 4 inch (101.6 mm) height with .50 inch (12.7 mm) indent and 1 inch (25.4 mm) spacing for DIN compliance. Pusher can be custom machined to lower heights
- Safety color chain links are also available

Available materials:

Modules available in BM (POM) standard material offering, providing high strength and excellent wear life

Maintenance:

The Rexnord 3122 HYB MatTop Chain Series standard components enable easy installation and operate virtually maintenance-free without the need for lubrication or tensioning the conveyor system



Hybrid design:

Grouped steel reinforcement plates, ensuring high chain strength and stiffness providing smooth chain operation and allowing compact conveyor construction

Chain components:

Stainless steel tension plates, pins and pin retainers

Count on us for trusted chain design and technical expertise

The combination of our chain design and technical expertise can help you choose durable conveyor systems that guarantee optimal product handling without compromising your ability to meet targets for safety improvements, increased productivity, water reduction, and energy savings. Contact your Rexnord FlatTop Representative or our North American Application Engineering team at 262-376-4800 and European Application Engineering team at +31 174 445 11 to review your application.