

# HVB RAIL

GGHVB062

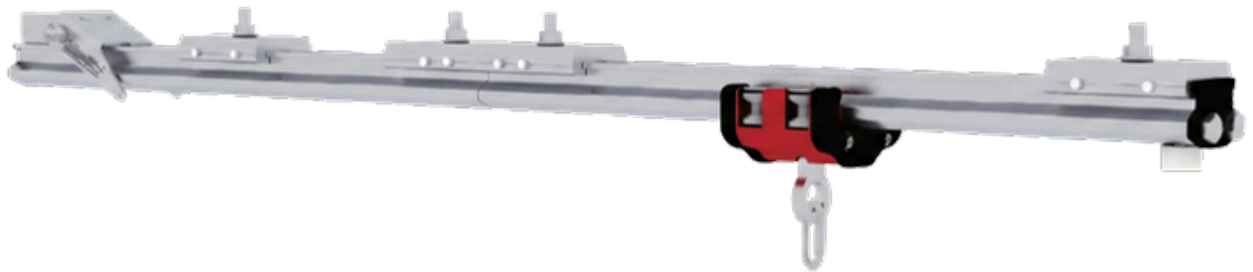
## TECHNICAL SPECIFICATION



Designed for overhead suspension work and fall protection, the Aluminum Alloy Track is a modular safety system made from high-strength aluminum alloy. It combines lightweight performance, excellent corrosion resistance, and superior load-bearing capacity.

Rigorously tested and precisely engineered, the system provides dual functionality: acting as a mobile anchorage point for suspended operations while also serving as a dependable anchor for fall arrest.

**Ideal applications:** Construction, Shipbuilding, Industrial Maintenance, Warehousing & Logistics.



## TECHNICAL CAPABILITIES AND BENEFITS

### • Dual Safety Assurance

**Suspension Work Anchor Point:** The track system supports mobile suspension equipment (e.g., gondolas, trolleys), providing a stable and flexible anchor for aerial operations.

**Fall Arrest Anchor Point:** Integrated with anti-fall trolleys and self-locking mechanisms, the system instantly locks during a fall to minimize impact forces and ensure worker safety.

### • High Strength & Lightweight Design

Made from aviation-grade aluminum alloy with a tensile strength  $\geq 24$  kN.

Weighs only one-third of traditional steel tracks, reducing installation load.

Corrosion-resistant and anti-aging, suitable for harsh environments such as outdoor or humid conditions.

### • Modular & Flexible Installation

Tracks can be arranged horizontally, vertically, or diagonally, supporting straight, curved, or multi-directional turns for diverse layouts.

Equipped with quick-connect components and adjustable brackets for tool-free installation, eliminating the need for welding and reducing project timelines.

### • Smart Compatibility

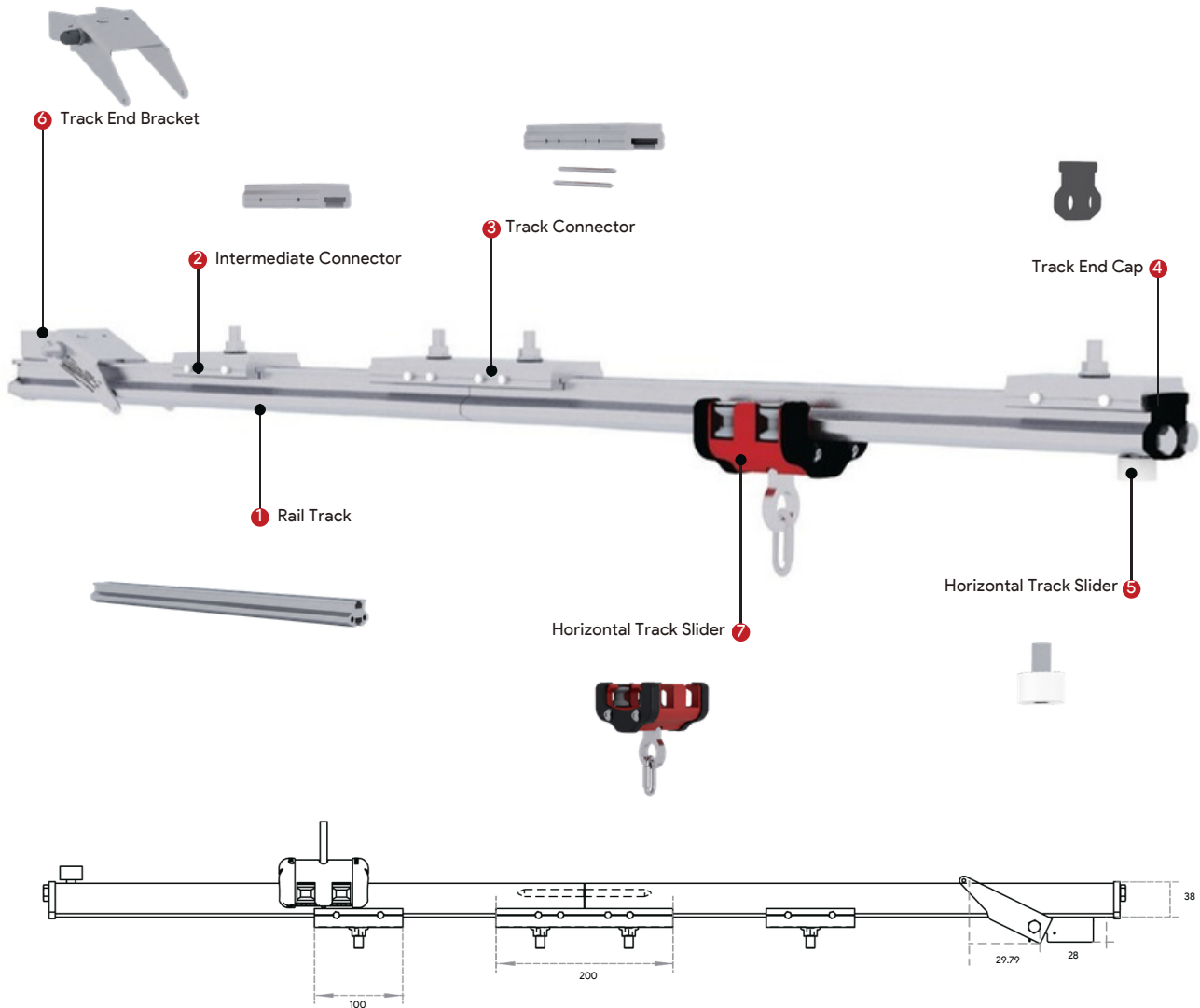
Works with various fall protection accessories (e.g., horizontal lifeline trolleys, harness connectors).

Supports up to three operators simultaneously and dynamic loads over 500 kg.

### • Smooth Operation

Anodized surface treatment reduces friction, ensuring effortless movement of equipment.

UNIT: mm



Unit: mm



Diagram 1

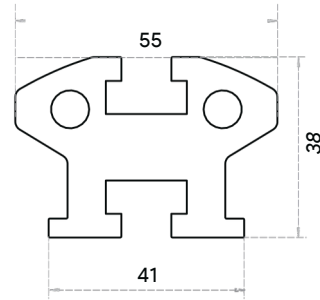


Diagram 2

<b>Product Name</b>	<b>Product Model</b>	<b>Serial Number</b>	<b>Product Colour</b>
Rail Track	GGHVB062-RT	2311090003	Metallic Silver
<b>Product Material</b>	<b>Product Weight</b>	<b>Loading Capacity</b>	<b>Rated Load</b>
Aluminum Alloy	3kg/m	3 people	15kn
<b>Overall Dimension(L*W*H)</b>	<b>Product Category</b>	<b>Track Length</b>	
Diagram 2	Type D	Track Length: 4m(Customizable Length)	
<b>Product Usage</b>	<b>Connection Method</b>	<b>Product Feature</b>	<b>Product Components</b>
Horizontal	Bolt Fastening	Life Line Rail Track	Rail Track
<b>Combination Standard</b>	<b>Supported Systems</b>	<b>Product Category</b>	
<b>EN</b> EN795:2012,Type D CEN/TS16415:2013, Type D	HVB Rail Rigid Track Lifeline System	Lifeline System Component	
<b>Product Warranty Period</b>	<b>Maintenance Cycle</b>	<b>Product Validity Period</b>	
1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.	20 Years (Conditional)	
<b>Risk Warning</b>	<b>Packaging</b>		
	Plastic Bag		

Unit: mm



Diagram 1

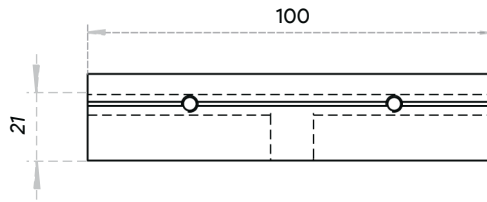


Diagram 2



Diagram 3

Product Name	Product Model	Serial Number	Product Colour
Mid-span Track Support	GGHVB062-MTS	2501100005	Metallic Silver+Metal Gray
Product Material Stainless	Product Weight	Loading Capacity	Combination Standard
Aluminum alloy + Stainless steel	0.28kg/piece	3 people	<b>EN</b> EN795:2012, Type D CEN/TS16415:2013, Type D
Overall Dimension(L*W*H)	Product Category	Compatible Bolt	Installation Location
Diagram 2	Type D	M10	Track
Product Usage	Connection Method	Product Feature	
Horizontal	Bolt Fastening	Fixed Track	
Product Components	Product Category	Supported Systems	
Intermediate Connector	Lifeline System Component	HVB Rail Rigid Track Lifeline System	
Product Warranty Period	Maintenance Cycle	Product Validity Period	
1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.	20 Years (Conditional)	

Risk Warning	Packaging
	Plastic Bag

Unit: mm



Diagram 1

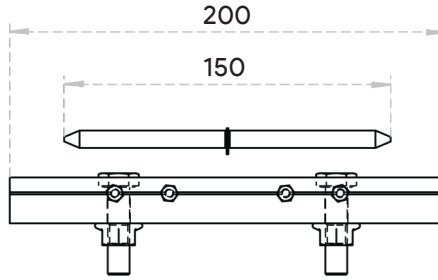


Diagram 2

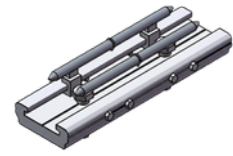


Diagram 3

<b>Product Name</b>	<b>Product Model</b>	<b>Serial Number</b>	<b>Product Colour</b>
Track Connector	GGHVB062-TC	2401020005	Metallic Silver
<b>Product Material</b>	<b>Product Weight</b>	<b>Loading Capacity</b>	<b>Rated Load</b>
Aluminum alloy, Stainless Steel	0.56kg/piece	3 people	Diagram 2
<b>Product Category</b>	<b>Installation Location</b>	<b>Compatible Bolt</b>	<b>Combination Standard</b>
Type D	Track	M10	<b>EN</b> EN795:2012, Type D CEN/TS16415:2013, Type D
<b>Product Usage</b>	<b>Connection Method</b>	<b>Product Feature</b>	<b>Product Components</b>
Horizontal	Bolt Fastening	Connecting track	Track Connector, Track Connecting Rod
<b>Supported Systems</b>	<b>Product Category</b>		
HVB Rail Rigid Track Lifeline System	Lifeline System Component		
<b>Product Warranty Period</b>	<b>Maintenance Cycle</b>	<b>Product Validity Period</b>	
1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.	20 Years (Conditional)	
<b>Risk Warning</b>	<b>Packaging</b>		
	Plastic Bag		

Unit: mm



Diagram 1

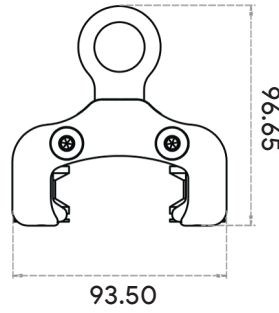


Diagram 2

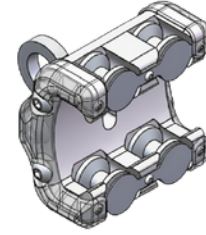


Diagram 3

Product Name	Product Model	Serial Number	Product Colour	Product Weight
Horizontal Track Slider	GGHVB062-HTS	2412240001	Red, Black	0.75 kg/piece

Rated Load	Product Material	Stainless	Loading Capacity
23kn	Aluminum alloy, Stainless Steel, Nylon		1 people

Overall Dimension(L*W*H)	Product Category	Compatible Bolt	Combination Standard
Diagram 2	Type D	M10	<b>EN</b> EN795:2012, Type D CEN/TS16415:2013, Type D

Installation Location	Product Category	Compatible Bolt	Product Weight
Track	Lifeline System Component	Moves with the User	Connect the Track Slider and the Safety Harness

Product Components	Supported Systems	Product Category
Horizontal Track Slider	HVB Rail Rigid Track Lifeline System	Lifeline System Component

Product Usage	Product Warranty Period	Maintenance Cycle
Horizontal	1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.

Product Components	Risk Warning	Packaging
20 Years(Conditional)		Plastic Bag

Unit: mm



Diagram 1

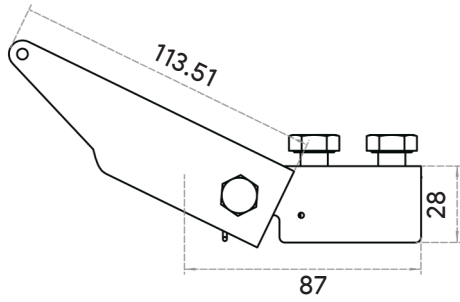


Diagram 2

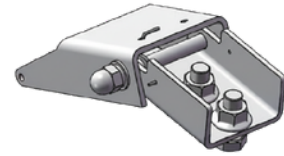


Diagram 3

Product Name	Product Model	Serial Number	Product Colour
Track End Bracket	GGHVB062-TEB	2401020003	Metallic Silver
Product Material Stainless	Product Weight	Loading Capacity	Rated Load
Stainless Steel	0.46 kg/piece	3 people	Diagram 2
Product Category	Compatible Bolt	Product Feature	Combination Standard
Type D	M10	Lifeline Terminal	<b>EN</b> EN795:2012, Type D CEN/TS16415:2013, Type D
Product Usage	Connection Method	Installation Location	
Horizontal	Bolt Fastening	Track End (Track Slider Exit- Entry Route)	
Supported Systems	Product Category	Product Category	
HVB Rail Rigid Track Lifeline System	Track End, Bracket	Lifeline System Component	
Product Warranty Period	Maintenance Cycle	Product Validity Period	
1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.	20 Years (Conditional)	
Risk Warning	Packaging		
	Plastic Bag		

Unit: mm



Diagram 1

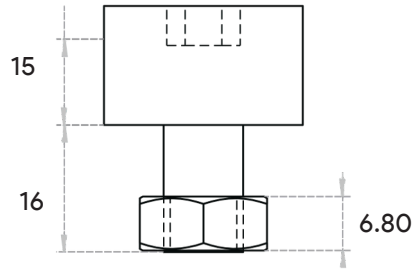


Diagram 2

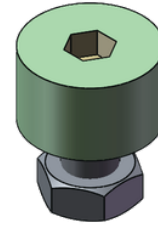


Diagram 3

<b>Product Name</b>	<b>Product Model</b>	<b>Serial Number</b>	<b>Product Colour</b>
Track Collision Bumper	GGHVB062-TCB	2503070004	Polyurethane + Stainless Steel
<b>Product Weight</b>	<b>Product Category</b>	<b>Loading Capacity</b>	
0.035kg/piece	Type D	1 people	
<b>Installation Location</b>	<b>Compatible Bolt</b>	<b>Combination Standard</b>	
Track End	M10	EN EN795:2012, Type D CEN/TS16415:2013, Type D	
<b>Product Usage</b>	<b>Connection Method</b>	<b>Product Feature</b>	
Horizontal	Bolt Fastening	Prevent Violent Collisions	
<b>Supported Systems</b>	<b>Product Category</b>		
HVB Rail Rigid Track Lifeline System	Lifeline System Component		
<b>Product Warranty Period</b>	<b>Maintenance Cycle</b>	<b>Product Validity Period</b>	
1 Year	Depending on frequency and conditions of use, a safety inspection is advised within one (1) year.	20 Years (Conditional)	
<b>Risk Warning</b>	<b>Packaging</b>		
	Plastic Bag		