

3M™ DBI-SALA® Karabiners Triple Action Autolock

Technical Data Sheet

Description

Our anchorage connectors are built from top quality materials guaranteeing high strength and durability to stand up to the toughest environments. Anchorage connectors are the unsung heroes of most fall protection systems, often overlooked but critical components because they securely attach your system to the anchorage. Your choice of anchor depends on the type of work being done. 3M™ DBI-SALA offers a selection of karabiners that are used as connecting elements for different segments of a personal fall arrest system, suitable for work in most areas of height. Designed for easy operation they provide a safe and secure double or triple action locking system to prevent accidental opening and to minimize the risk of roll-out.

Features

- **20mm gate opening steel karabiner with captive eye**
Versatile choice to securely attach one component to another offering strength and durability with the added safety of a captive eye
- **Triple action self-closing and locking gate for added safety**
Triple action mechanism provides added security and automatically closes and locks to keep all components of your safety system firmly attached.
- **Corrosion resistant plated steel hardware**
Zinc plating offers high corrosion resistance to stand-up to the toughest environments, providing added longevity.
- **High strength construction with 16kN rated gate**
With an overall strength of 41kN and the added security of a 16kN rated gate this karabiner provides strong, fast and safe connections
- **User friendly compact design**
User friendly design for quick and easy one-handed operation, even while wearing gloves, makes connecting components of your fall protection system together fast and easy for added worker satisfaction and productivity.

Standards

EN362



Maintenance/Cleaning

- The connector may be cleaned with a mild detergent or disinfected with a mild sterile disinfectant.
- Locking mechanism may be lightly lubricated with general purpose oil after cleaning. Cleaning lubrication should be carried after each use in a marine, drilling, or refinery environment.
- If gate operation is sluggish, apply a small amount of WD-40 or similar moisture repellent agent to the hinge end only.
- Additional maintenance and servicing procedures must be completed by an authorized service center.

Frequency:

- Before and after each use, visually inspect according to steps listed below
- The Karabiner or snap hook must be inspected by a competent person, other than the user at least 6-monthly.

Inspection Steps:

- Inspect the Karabiner or snap hook for damage. Look carefully for cracks, sharp edges, burrs, dents, or deformities. Check for bending or distortion.
- Check the hardware for excessive corrosion. The gate and lock should operate smoothly, with no difficulty. Gates must fully close and lock.
- Inspect markings. Markings should be present and fully legible.
- Inspect each system component or subsystem according to manufacturer's instructions.
- Record the inspection date and results in the inspection and maintenance log.

Storage

Connection hardware should be stored in a clean, dry environment away from corrosive fumes or chemical substances.

Specifications

3M™ DBI-SALA® Karabiners Triple Action	
Brand	DBI-SALA®
Connected Safety Equipped	No
Physical Dimensions	R-113 - 110 × 68mm R-119 - 110 × 68mm
Product Styles	Karabiner
Product Types	R-113 - Connector R-119 - Connector
Compatibility	DBI-SALA karabiners are designed for use with all 3M DBI-SALA approved components and systems, or as recommended by a competent person.
Body material	R-113 - Steel R-119 - Stainless Steel
Gate material	R-113 - Steel R-119 - Stainless Steel
Surface Finish	R-113 - Passivated Zinc Gold R-119 - Chrome Plated
Gate Opening	R-113 - 20mm R-119 - 20mm
Locking Mechanism	R-113 - Triple Action, Spring Loaded, Autolock R-119 - Triple Action, Spring Loaded, Autolock
Captive Eye	R-113 - Yes R-119 - Yes
Weight (approx.)	R-113 - 255g R-119 - 258g
Karabiner MBS	R-113 - 41kN R-119 - 41kN
Gate MBS	R-113 - 16kN R-119 - 16kN

Product Life and Inspection

If inspection reveals a defective condition, remove the unit from service and destroy it, or contact an authorized service center for repair.

Ordering Information

3M Code	Model #	Description
70007926986	R-113	20 mm gate opening with captive eye, 16kN
70007910558	R-119	20 mm gate opening with captive eye (stainless steel), 16kN

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The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

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Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.



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