



30-130ft Overhead SRL



Covering Models:

32091, 32091S, 32111, 32120, 32092, 32092S, 32093, 32112, 32121, 32122, 32141, 32142, 32094, 32094S, 32095, 32096, 32123, 32124, 32450, 32451, 32452, 32453.

The models detailed above comply with ANSI Z539.14-2012., ANSI A10.32-2012, OSHA 1910 and 1926 Requirements.



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CAUTION!

Working at height is dangerous. This product is designed to reduce the risk of working at height, by providing protection in the event of a fall to reduce the risk of injury. The product must be used as intended, and the user must be trained, competent, and aware of the correct usage and limitations of the product. The user MUST read and fully understand all contents of these user instructions. The user must also comply with OSHA and local safety regulations. Failure to follow these guidelines could result in injury or death.

WARNINGS!

These instructions, including safe usage, warnings, and limitation of the products, must be provided to the user, and they must be read before any inspection, installation or use of this product. If there are any points in this manual that you are unsure of, seek a competent, trained person to clarify before using. Before each and every use, the device must be inspected according to the manufacturers instructions, including a brake engagement check.

Do not exceed the maximum user weight (including tools and equipment) as described in this manual. This SRL is for single person use only.

Use only as part of a complete fall arrest system with other components approved to the relevant ANSI and OSHA standards. A competent person must review and approve the system and component compatability.

Do not tamper with the SRL. If you suspect the SRL has been tampered with, remove the SRL from service and quarantine the unit for inspection and return to the service depot where necessary. If in doubt, remove from service.

Never use this system unless you are supervised by a trained and competent person.

Seek medical advice from a doctor before using this product if; you have sustained a spinal injury, suffer from a neck or back complaint, or you are taking prescription medication.

Never use if you are under the influence of alcohol or recreational drugs.

Extra care should be taken if welding while using this product, protect the Lifeline from splatter and heat at all times. Never use this system unattended.

If the unit has been deployed, the hook load indicator will show on the swivel hook or the top swivel (ATOM variants). If this is visible DO NOT USE.





Materials

 $\mathsf{PC}/\mathsf{ABS},$ aluminum alloy, carbon steel, stainless steel, nylon, $\mathsf{PTFE}.$

Class B SRL

Average arrest force: 900lbs Maximum arrest force: 1,800lbs Maximum deceleration distance: 54" Minimum fall clearance: 8'

SKU	Length	Description
32091	30ft	SRL w/ Galvanized Cable & Aluminum Swivelling Karabiner
32091S	30ft	SRL w/ Stainless Steel Cable & Aluminum Swivelling Karabiner
32111	25ft	SRL w/ Dyneema® Webbing & Aluminum Swivelling Karabiner
32120	30ft	SRL w/ Dyneema® Fibre Rope & Aluminum Swivelling Karabiner
32092	50ft	SRL w/ Galvanized Steel Cable & Aluminum Swivelling Karabiner
32093	60ft	SRL w/ Galvanized Cable & Aluminum Swivelling Karabiner
32112	40ft	SRL w/ Dyneema® Webbing & Aluminum Swivelling Karabiner
32121	50ft	SRL w/ Dyneema® Fibre Rope & Aluminum Swivelling Karabiner
32122	60ft	SRL w/ Dyneema® Fibre Rope & Aluminum Swivelling Karabiner
32141	60ft	Offshore SRL w/ Dyneema $^{ m III}$ Fibre Rope & Aluminum Swivelling Karabiner
32142	50ft	Offshore SRL w/ Dyneema $^{ m III}$ Fibre Rope & Aluminum Swivelling Karabiner
32094	100ft	SRL w/ Galvanized Cable & Aluminum Swivelling Karabiner
32094S	100ft	SRL w/ Stainless Steel Cable & Aluminum Swivelling Karabiner
32095	130ft	SRL w/ Galvanized Cable & Aluminum Swivelling Karabiner
32096	115ft	SRL w/ Stainless Steel Cable & Aluminum Swivelling Karabiner
32123	100ft	SRL w/ Dyneema® Fibre Rope & Aluminum Swivelling Karabiner
32124	130ft	SRL w/ Dyneema® Fibre Rope & Aluminum Swivelling Karabiner
32450	30ft	SRL w/ Galvanized Cable & Steel Snap Hook
32451	60ft	SRL w/ Galvanized Cable & Steel Snap Hook
32452	100ft	SRL w/ Galvanized Cable & Steel Snap Hook
32453	130ft	SRL w/ Galvanized Cable & Steel Snap Hook



Before Use Checks & Rescue

Issue:

This and associated equipment must be visually inspected by a competent person when initially delivered to site, thereafter the product must be inspected before and after use. A record card is printed in this manual, and should be updated after each routine inspection. Follow the points laid down in the section headed "Inspection" without deviation. The supervisor must ensure that the equipment is being used correctly by a trained and/or otherwise competent person who is aware of its safe use and inspection. Additionally the supervisor must ensure that there are suitable and accessible anchorages, as described in this manual, in the working environment to allow safe anchorage of the device.

Inspection:

Inspect the SRL, lifeline, hook and anchorage for signs of wear, deformation, damage or corrosion.

Webbing - Ensure that the webbing is free from cuts, abrasion & wear marks.

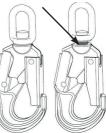
Wire Rope - Ensure that the wire rope is free from cuts, abrasion & kinks.

Fiber Rope - Ensure that the fiber rope is free from cuts, abrasion & wear marks.

Ensure hook swivels gate opens and closes correctly.

Ensure load indicator is not deployed (see right). If the red section is visible, the SRL MUST be removed from service immediately. **Red Deployment Indicator**

Pull line sharply to engage brakes and ensure the brakes lock before each and every use. Pull out line to ensure that it pays out and recoils smoothly. All housing screws must be secure. Check the user instructions are clear & legible. If the webbing or rope becomes wet in use, ensure webbing or fiber rope is extended & left to dry naturally. To clean the housing, webbing or fiber rope, a mild detergent can be used with warm or cold water. The webbing or fiber rope must be extended from the device & left to dry naturally. At least every 12 months, a Competent Person other than the user must inspect Xcalibre SRL. Competent Person inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label. The Competent Person must sign their initials in the box corresponding to the month and year the inspection took place.



If for any reason the inspection of this SRL shows signs for concern or doubt then the SRL must be quarantined and removed from service immediately. Advice should be sought from the supervisor and if still concerned the SRL must be sent to the supplier, an approved service agent or the manufacturer for service and re-calibration.

Competent Person inspection interval is dependent on use and shall follow ANSI guidelines: Infrequent to Light: 12 months; Moderate to Heavy: 6 Months; Severe to Continuous: 3 Months. In no case shall the inspection interval exceed 12 months. Immediately remove from service if impact indicator on hook displays red.

ANSI Z359.14-2014 provides the following guidelines regarding conditions of use:

Type of Use	Application Examples	Conditions of Use	Competent Person Inspection Frequency
Infrequent to Light	Rescue and confined space, factory maintenance	Good storage conditions, indoor or infrequent outdoor use, room temperature, clean environments	Annually
Moderate to Heavy	Transportation, residential construction, utilities, warehouse	Fair storage conditions, indoor and extended outdoor use, all temperatures, clean or dusty environments	Semi-annually
Severe to Continuous	Commercial construction, oil and gas, mining	Harsh storage conditions, pro- longer or continuous outdoor use, all temperatures, dirty environment	Quarterly



This device may be serviced by the manufacturer or a manufacturer-authorized agent only. Never attempt to service or tamper with this unit in any way.



Installation and Use

Installation and Anchorage:

The SRL must be anchored to a point which will hold a load of 5000lbs. or meet OSHA requirements for twice the anticipated load (certified by a qualified person) and that is fixed, preventing the device anchorage from moving while in use. The anchorage must be above the working position and offers the user protection when working beneath it.

The SRL must be connected to the anchorage using a suitable approved connector.

Install the SRL so that it avoids swing hazards. The user must not have to lean out to reach the SRL or hook therefore endangering themselves with a fall hazard.

Never install where there is a possibility of electric shock hazards.

When installing ensure that you are not subjecting yourself to potential fall hazards, wear a full body harness and suitable equipment to anchor yourself while installing.

The SRL must not be installed where the following hazards may endanger the user or prevent the efficient operation of the system;

- The area below the device must be free of obstruction that will prevent the free pay-out of rope or may obstruct the movement of the user.
- The environment must be free of heavy solvents or acids that will degrade the device, lifeline or the hook.
- If there is any chance of the line becoming entangled in lifting equipment, passing vehicles or structure then do not install.

Use

Personal Fall Arrest - SRLs may be used in Personal Fall Arrest applications as a component of a MAXIMUM 1 Personal Fall Arrest System (PFAS). Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. No free fall is permitted. SRL must always be positioned at or above harness dorsal D-ring AND at or below anchor point. Applicable D-ring: Dorsal.

Restraint - SRLs may be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyard/SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal).

Applicable D-rings: Dorsal, Chest, Side, Shoulder.

Limitations:

Fall Clearance: There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or an obstruction. When calculating fall clearance, account for a MINIMUM 2' safety factor, deceleration distance, user height, length of lanyard/SRL, harness stretch and all other applicable factors.

Diagram shown on pg.6 is an example fall clearance calculation ONLY.

Swing Falls: Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in line with the anchor point as possible.

Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.

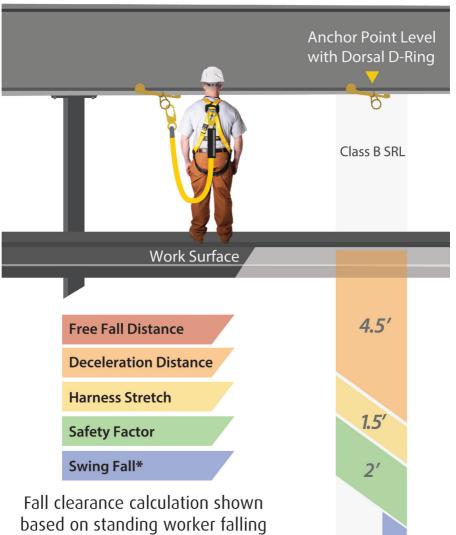
Rescue Planning:

Before use, and when using the Xcalibre SRL's, users and supervisors should always make suitable provisions for rescue. A full risk assessment should be carried out to determine the most effective, safe and quickest form of rescue. For more information on specialist rescue systems or training please contact Checkmate.





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based on standing worker falling directly in-line with anchor point. Always consider potential swing fall and other hazards when calculating fall clearance.



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Restrictions, Compatability and Storage

Restrictions:

Do not use if the lifeline does not retract.

Do not use if you exceed the maximum weight.

Do not use this device to arrest materials (as a load arrestor).

Do not let the SRL lifeline entangle around any limbs or around the body - ensure the lifeline runs straight from the harness D-ring to the SRL.

Do not jump or step down quickly when using the SRL as this may activate the brakes.

Exclusions:

The manufacturer will NOT be responsible for:

- а. Users who are out of the scope of any written manuals of training given.
- Any device that has NOT been inspected under the current legislation and manufacturers guidelines. b.
- Devices that have been damaged. C.
- Ь When the maximum user weight (including clothing and tools) has been exceeded.
- e Devices that have NO serial number markings, and the manufacturers name is not present.

Compatibility:

When making connections with Xcalibre SRL, eliminate all possibility of roll-out. Roll-out occurs when interference between a hook and the attachment point causes the hook gate to unintentionally open and release. All connections must be selected and deemed compatible with Xcalibre SRL by a Competent Person. All connector gates must be self-closing and self-locking, and withstand minimum loads of 3,600 lbs.

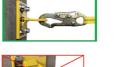
See the following for examples of compatible/incompatible connections:

Connector closed and locked to D-ring, OK.

Two connectors to same D-ring. NO.

Incompatible or irregular application. which may increase risk of roll-out. NO.

Two or more snap hooks or carabiners connected to each other NO.











Connector to integral lanvard. NO.



Connector directly to webbing. NO.

Connector directly to horizontal lifeline. NO.

Storage:

Storage in a central protected location allows assurance of inspection on issue and return. The SRL should be stored in a clean dry place where it can be protected from damage by chemical exposure and sharp objects . It should be stored with its instructions and record card at all times. Return the SRL back to it's original box or other suitable container for storage & transportation. After use return to the container. Never leave the device lying around site.vf



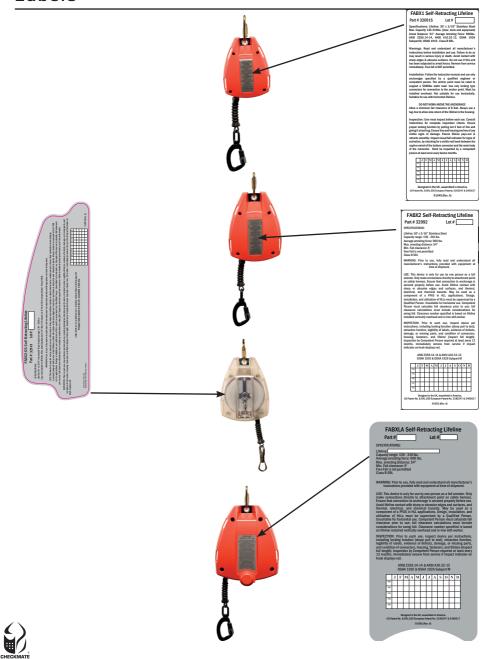


Labels

FABX2 Self-Retracting Lifeline Part # Lot # PECIFICATIONS: ifeline: apacity range: 130 - 310 lbs. verage arresting force: 900 lbs. lax. arresting distance: 54" din. Fall clearance: 8' reefall is not permitted lass B SRL	tion to anchorage tion to anchorage ad as a component of a PEAS must calculate fail clearance and fi-film with worker. I and fi-film with worker and fi-film parts, and form service if "impact form service if "impact"
 /ARNING: Prior to use, fully read and understand all anufacturer's instructions provided with equipment at time of shipment. ISE: This device is only for use by one person as a fall rester. Only make connections directly to attachment point n safety hamess. Ensure that connection to anchorage is ecured properly before use. Avoid lifeline contact with harp or abrasive edges and surfaces, and thermal, lectrical, and chemical hazards. May be used as a omponent of a PFAS in HLL applications. Design, stallation, and utilization of HLLs must be supervised by a qualified Person. Unsuitable for horizontal use. Competent resron must calculate fall clearance prior to use; fall learance calculations must include considerations for wing fall. Clearance number specified is based on lifeline istalled vertically overhead and in-line with worker. VSPECTION: Prior to each use, inspect device per theraction function, legibility of labels, evidence of defects, amage, or missing parts, and condition of connectors, ousing, fasteners, and lifeline (inspect full length). Ispection by Competent Person required at least every 12 noths. Immediately remove from service if impact idicator on hook displays red. 	FABX2-OS Self-Retracting Lifeline Part #:
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YR	SPECIFICATIONS: Iffeline: Treline: Treline: E: This device is o ecured properbly LL applications. L use: fall clearance Prior to each use, Prior to each use,
YR	SPECIFIC Liffeline: [
Designed in the UK, assembled in America. IS Patent No. 8,991,556 European Patent No. 2185247 & 2495017 91092 (Rev. A)	SPECIFICATIONS: Urbline: Urbline: Aug arresting force w.MM USE: This device is a secured properly biolower is the clearance prior to acert is the clearance INSPECTION: Prior to acert use, condition of connectors, housing,







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DATE	CONDITION OF SRL	INSPECTED
DATE		BY

Approved service company:

Checkmate Lifting & Safety LTD, Sheerness, Kent. England. ME12 1PZ, UK Tel: 1-800-466-6385 www.checkmateuk.com