ROLLGLISS™ RESCUE

Instructions For Use

NOWORRIES™
DOUBLE STOP DESCENDER

This instruction sheet applies for the following part numbers:

8700387 **8700388** **8700081**
8700390

Quality
ISO 9001

2056

AS/NZS4488
EN341
EN12841
ANSIZ359.4
NFPA1983 (12 Ed.)

Form: 9598272 DEC 2015

GENERAL USE WARNINGS

IT IS YOUR RESPONSIBILITY TO ENSURE THAT YOU DO NOT EXCEED THE SAFE WORKING LOAD OF ANY COMPONENT IN THE SYSTEM. THIS PRODUCT IS TO BE USED BY PERSONS COMPETENTLY TRAINED IN ITS USE.

This product is part of a rope access/rescue system. Users must read and follow instructions in the product user instruction manual as supplied by the manufacturer and this inspection guide for each component of the complete system. Manufacturer's instructions must be followed for correct care, use and maintenance of this product. Alterations or misuse of this product, or failure to follow instructions may result in serious injury or death. Reading this manual in and of itself does not constitute competency based training in the use of rope access/rescue products or systems.

CONTENTS

1.0 STANDARDS COMPLIANCE

Rollgliss™ NoWorries™ Double Stop Descenders are manufactured from combinations of high grade anodised aluminium and stainless steel designed to offer a high degree of corrosion protection, security and long life.

Compliance to noted standards is certified by SAI Global under Capital Safety's Quality Assurance program Lic.#QEC0022

Standards and corresponding license #'s are as follows:

Model #	Standard/Class	License #	Application
8700081 8700387 8700388 8700390	AS/NZS 4488.1-97	Lic. #SMKH25365	Descender
8700387 8700388	EN341 2011/2C*	Lic. #SMK40395	Descender
8700387 8700388	EN12841:2006/C	Lic. #CEPPE20052	Descender
8700387 8700388	ANSI Z359.4 (2007)	Lic. #SMK40347	Descender
8700387 8700388	NFPA 1983 (2012 ed)	Lic. #SMKH25515	Descender Rope Belay

Individual descenders carry a compliance mark and standard numbers as proof of compliance.

*8700387 & 8700388 are certified to meet the testing requirements of EN341 (2011) by SAI Global. It is important to note that EN341 is no longer a part of the EN PPE Directive and stands alone as a European manufacturing standard for descenders.

2.0 NFPA STATEMENT

Products marked as meeting NFPA are Certified NFPA 1983 (2012 edition) auxiliary equipment.

Model # 8700387, Max load 300 kg (661.4 lb) T (Technical use) MBS 30 kN (6,744 lb);

Model # 8700388, Max load 300 kg (661.4 lb) G (General use) MBS 30 kN (6,744 lb);

This descender (Certified as a Descent Control Device & Belay Device) has been designed and tested to meet or exceed the requirements of NFPA 1983 (2012 edition). This Standard on Life Safety Rope and Equipment for Emergency Services, outlines requirements for Auxiliary Equipment and the descenders referenced within this user instruction manual have been tested and comply with this standard.

These instructions must be maintained, made available to the user and referenced by the user before and after each use. A copy of these instructions must be kept on record and users must be aware that if the instruction/information is not followed, the user could suffer serious consequences.

Additional information regarding auxiliary equipment can be found in NFPA 1500, Standard on Fire Department Occupational Safety and Health Program, and NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services.

3.0 PURPOSE

The Rollgliss™ NoWorries™ Double Stop Descender has been designed and tested as a reversible descender with the capability to provide the additional functions of both a releasable anchorage connector and as a rope belay device.

As a descender, the Rollgliss™ NoWorries™ Double Stop Descender connects to the user's harness and is designed to regulate friction and control the speed when a worker is descending on an anchored rope. The operation of the descender requires both hands to ensure the most efficient and safe descent.

IMPORTANT: During descent, one hand must be on the brake side of the rope at all times, the other hand to operate the friction lever.

As per testing for EN 12841 and AS/NZS 4488, the maximum descent distance is 200m (656 ft.) and the maximum recommended descent rate is 2m/sec (6.56 ft/sec).

As a belay (secondary backup), the device is to be connected to a suitable anchor system rated for fall arrest and provides a mechanical belay for an appropriately matched lifeline capable of withstanding the forces of a limited free-fall. The device design allows the operator to pay out and take up slack of a properly matched lifeline, providing a secondary form of protection for a climbing or descending rescuer and casualty.

As a belay device the NoWorries™ has been tested and certified to a maximum weight limit of 300kg. (661 lb.) with no release of the load. It is recommended that when operating the NoWorries™ as a belay the use of an inline shock absorber will assist in reducing the force on the rescuer/casualty and the corresponding anchor system. (Please refer to Section 16 for instructions on operation of the NoWorries™ as a belay.)

As a releasable anchorage connector, the Rollgliss™ NoWorries™ Double Stop Descender provides a connection point for a vertical lifeline or rope anchor system that when locked off as per Section 11 and used in conjunction with a certified fall arrest system, provides both a suitable anchorage connector for the system as well as a means of lowering the impacted system in the event of a fall. As demonstrated through testing, the NoWorries™ is suitable as a releasable anchorage connector and is controllable during a subsequent lowering operation for a working load limit (WLL) of 300kg (661 lb).

This device is part of a work positioning system and/or rescue system. Operation of this device must only be by those individuals who have been trained in its use. All workers at height must have a rescue plan in place when at risk of a fall. It is recommended that a backup (secondary) system is used to protect the operator and that the means to affect a safe and efficient rescue is in place.

4.0 ROPE SELECTION

Different ropes will perform differently in this device due to varied characteristics of the rope design and manufacturing. When operating the descender, care should be taken in the selection of rope and operation to ensure safe control of the speed of descent.

NoWorries™ descenders are designed and tested to use static kernmantle lifeline (polyester, nylon or a combination of both). Use of incompatible rope (construction and/or size) will increase the risk of serious injury or death when operating this device.

Recommended rope diameters are as follows:

- 8700387 & 8700081 Rope ⌾ 10.5 ⩽ ∅ ⩽ 12mm (7/16")
- 8700388 Rope ⌾ 12.5 ⩽ ∅ ⩽ 13mm (1/2")
- 8700390 Rope ⌾ 13mm (1/2")

Certification has been conducted using the following ropes:

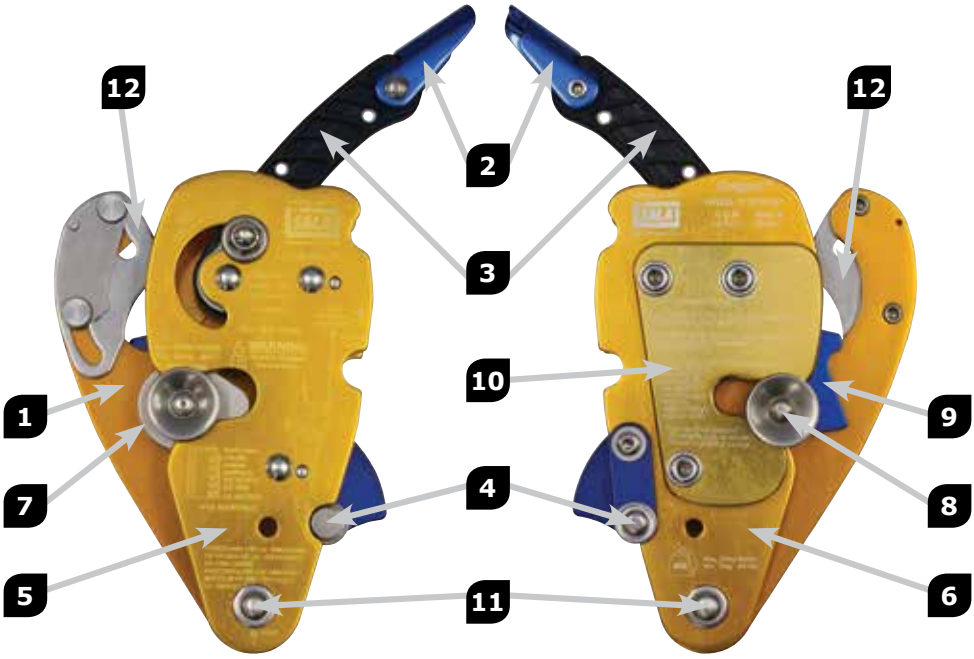
Size (mm)	**Material**	**Brand**	**Descriptor**
10.5	Kernmantle	Edelrid	Static
11	Kernmantle	DBI-SALA	Static
12	Kernmantle	Edelrid	Static
13	Kernmantle	DBI-SALA	Static

Both certification testing and performance testing as a descender was conducted without the use of extra friction aids (karabiners, stitch plates etc.) and was conducted where the device’s friction was supplemented only by the grip of a gloved hand and the pressure of the rope upon the tester's hip.

Where the descent speed increases, there is a very long descent, or the user desires increased control, an additional friction device (hard point on the harness and karabiner or similar friction aid) can be used to supplement the control of the load.

5.0 IDENTIFICATION OF PARTS

1. Pivoting Cheek
2. Extension Lever
3. Friction Lever
4. Ascension Pin
5. Front Cheek
6. Back Cheek
7. Centre Sheave
8. Rigging Pin
9. Locking Catch
10. Catch Plate
11. Connecting Pin
12. Activation Plate



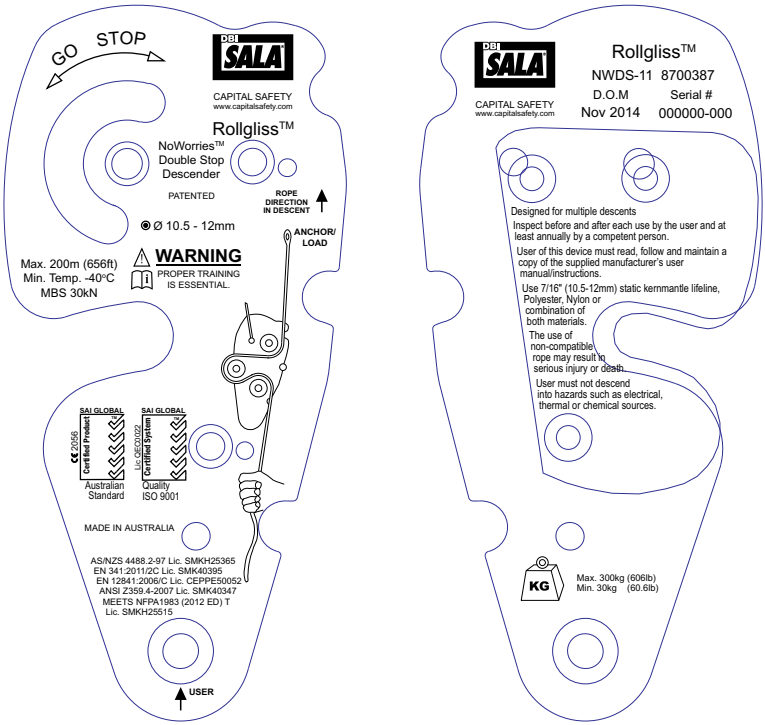
FRONT

BACK

6.0 MARKINGS

The Rollgliss™ NoWorries™ Double Stop Descenders are clearly marked upon the body of the descender with the following information:

1. Manufacturers name/Mark
2. Part number/Model
3. Date of manufacture MM/YY
4. Serial number
5. Range of rope sizes and construction suitable for the descender
6. Pictogram or other method to indicate the necessity for users to read the instructions for use
7. Number and year of standard
8. Certifying Agency
9. Maximum descent height
10. Maximum and Minimum rated load in kilograms
11. Minimum breaking strength in kN
12. Sketch showing the route the line takes through the device



7.0 INSPECTION

The Rollgliss™ NoWorries™ Double Stop Descender must be visually and manually inspected before and after each use to verify that the device is operating correctly. Where any product fails an inspection, has been used in a live rescue (not training) and/or has seen the force of a fall, it is to be immediately taken out of service and tagged unusable. Such products must be certified by the manufacturer or their representative prior to re-instatement to service.

During the user inspection you must:

A) Ensure there are no cracks, corrosion or deformation to the front, back, and pivoting cheeks, or any other part of the descender;

B) Ensure there is no excessive wear on the sheaves;

C) Ensure the locking catch is not deformed and locks the rigging pin in place capturing the rope;

D) Ensure the connection pin is not damaged, gouged or loose indicating excessive loading;

E) Ensure there is no corrosion or excessive grime which would hamper the operation of the descender or its components. Pay particular attention to the activation plate on the pivoting cheek to ensure it is operating smoothly and returns fully to its engaged position. Where grime and/or dirt has built up and is hampering the operation of the unit, clean the descender as per Section 19;

F) Test the lever - pull the friction lever partially down but prior to it engaging the panic feature and release it. The lever should spring back to the normal position. Then pull the friction lever as far as it will go and observe the release of the pivot cheek as the panic feature engages. Release the friction lever observing that it returns to the original resting position and that the activation plate returns in line with the pivoting cheek. Test the friction lever again ensuring that it will engage the device;

G) Once rope is threaded in the device and prior to going over the side, weight the device and ensure it locks onto the rope. Activate the friction lever to ensure that you can descend.

During a competent person inspection each of the NoWorries™ components listed in Section 5 and following should be inspected:

1. Pivoting Cheek

   - The pivoting cheek should be clear of indentations; distortion, rust or corrosion and dirt. It should move freely when rotated around the connecting pin.

2. Extension Lever

   - The extension lever must be free of dirt, rust/corrosion, indentations, cracks or distortion. It must be able to swivel freely through its range of travel.

3. The Friction Lever

   - The friction lever must be free of dirt, rust/corrosion, indentations, cracks or distortion. It must be able to swivel firmly freely through its range of travel.

4. Friction Lever Spring

   - Located at the pivot point of the lever should be clean and free of dirt, move the friction lever down then release the lever allowing the spring to rotate the lever upwards. If the spring does not carry out this operation, remove from service.

5. Ascension Pin

   - Ascension pin should be free of dirt, rust/corrosion, indentations, cracks or distortion. Check for distortion of the pin's supports that they are able to swivel the pin both up and down.

6. Front & Back Cheek

- Ensure all etchings on the plates are clear and readable. Ensure all plates are free of dirt, rust/corrosion, indentations, cracks or distortion. Pay particular attention to the slot where the rigging pin passes through the cheek to ensure there is no damage;

7. Centre Sheave

- To be firmly attached to the pivoting cheek and not able to move in place. Ensure there is minimal wear and that the sheave is free of dirt, rust/corrosion, indentations, cracks or distortions and any sharp edges which may affect the passing rope.

9. Rigging Pin

- Rigging pin to be free of dirt, rust/corrosion, indentations, cracks or distortions.

10. Locking Catch

- The locking catch should be free of dirt, rust/corrosion, indentations, cracks or distortions and move freely against the latch spring.

11. Catch Plate

- Ensure all etchings on the plate are clear and readable. Ensure the plate is free of dirt, rust/corrosion, indentations, cracks or distortion. Ensure that there is no dirt build up under the plate that would impede the operation of the locking catch or latch spring.

12. Connecting Pin

- The connecting pin should not be distorted and the pin head is to be inspected to ensure the pin is held in position.

13. Activation plate

- This stainless steel assembly is to be inspected for any distortion and dirt build up which may effect the slide and spring movement.

8.0 CONNECTING


Figure 8.1

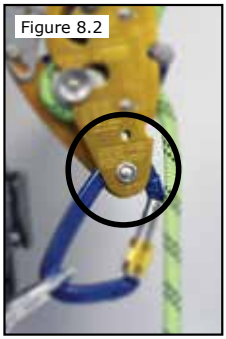


Figure 8.2

Connect the Rollgliss™ NoWorries™ Double Stop Descender to your harness suspension point as identified by the harness manufacturer (Figure 8.1). The harness connection point must be rated for suspension as per local standards. Use a compatible locking connector approved for use within your locality to connect the descender to your harness. Attach the connector to the connecting pin at the base of the descender (Figure 8.2).

9.0 THREADING THE DESCENDER


Figure 9.1

1. Looking at the front face, with the pivoting cheek on the left, unclip the locking catch on the descender and swing out the pivoting cheek so it is open and ready to thread the rope (Figure 9.1);

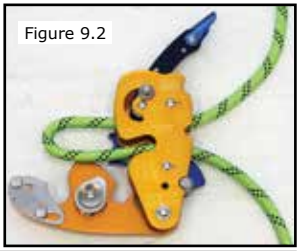


Figure 9.2

2. Create a bight in the rope, ensuring that there are no twists and that the load side (towards the load or anchor point) of the rope is entering the descender on the top side. Push the bight through the descender from the right to the left (Figure 9.2).

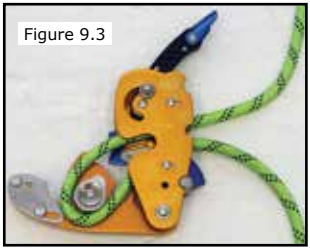


Figure 9.3

3. Loop the bight over the centre sheave (Figure 9.3);


Figure 9.4

4. Push the pivoting cheek closed, ensuring that you hear the locking catch click over the rigging pin. The pivoting cheek is closed when you cannot open it without operating the locking catch (Figure 9.4);

5. Raise the ascension pin half way and thread the brake side of the rope below the pin. The ascension pin will now be directly between the load side and brake side of the rope. The ascension pin prevents the rope from binding against itself and allows the brake side of the rope to be pulled upwards in an easy motion (Figure 9.5);

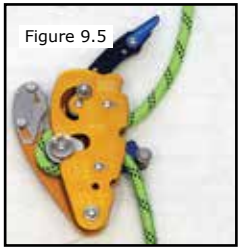


Figure 9.5

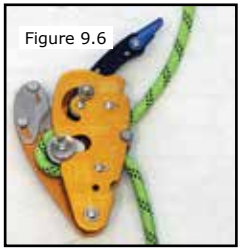


Figure 9.6

6. Remove the slack between you and the anchor point by pulling the brake side of the rope in an upwards motion and test the descender to make sure you have threaded it correctly. There should be no rope slippage when the descender is weighted and the handle is in normal resting position (Figure 9.6).

10.0 DESCENDING

Figure 10.1

As part of a rescue and/or positioning system the operator must choose appropriate anchorage and anchoring systems as per local legislation and standards. All anchor sub-systems and connectors must be compatible and must not reduce the strength of the system below the required minimum. Always consult local legislation and standards for applicable requirements. Ensure that all anchor points and connections are secure, your harness is adjusted and all slack is removed from the load side of the rope;


Figure 10.2

The operation of the descender requires both hands to ensure the most efficient and safe descent. During descents, one hand must be on and control the brake side of the rope at all times. The other hand will operate the friction lever (Figure 10.1);

In normal resting position, the friction lever is vertical and the descender is locked onto the rope. With your full weight on the descent device and your alternate hand on the brake side of the rope, proceed to pull the friction lever down until the rope begins to slip through the device. Continue to allow the rope to slide through the brake hand while pulling on the lever (Figure 10.2);


Figure 10.3

This device is a "double stop" descent control device. This means that if you let go of the handle, the handle will automatically return to resting position and the descender will lock off onto the rope. The double stop function provides an anti-panic solution, whereby if the friction lever is pulled too far, the descender will lock off onto the rope. If the anti-panic feature is engaged you will need to re-load the handle. Under normal operations when you release the handle it will return to resting position. Under certain circumstances you may need to gently assist the handle to return to resting position. The device will stay locked on the rope during the re-loading stage. The handle must be returned all the way back to its resting position in order to continue descent.

When descending or lowering, operators should take care to be aware of all possible hazards including descending into electrical, thermal, chemical sources or other hazards.

CAUTION: Care should be taken on long descents to ensure that a reasonable speed is maintained. Descending at a fast rate may cause overheating of the unit, that, if left unattended on the rope could weaken the descent line. During your descent it is advisable to monitor (by feel) the temperature of the descent unit. If the unit is becoming hot to the touch slow your descent rate and avoid stopping on the rope if possible. DO NOT put your fingers inside the descender or on the line as it enters the descender while moving to avoid any pinch hazards (Figure 10.3).

11.0 WORK POSITIONING & LOCKING OFF THE NOWORRIES

When the descender is weighted and the friction lever is in resting position (vertical) the descender is locked onto the rope and under normal circumstances will not creep or slip down the rope (see Section 16 for load factors). For added safety, eliminating the possibility of accidental engagement of the friction lever, a "soft lock" using the brake side of the rope, can be used.


Figure 11.1

1. Form a bight in the brake side of the rope, then pass the bight through the right side of the connecting karabiner (Figure 11.1). Loop the bight over the top side of the descender and friction lever (Figure 11.2). Pull the bight down so that it wedges between the load line and the rope side of the descender (Figure 11.3). Remove any slack to reduce chances of getting caught in the bight;


Figure 11.2

2. You will notice that there are two notches in the cheek where the load side of the rope enters the descender. These are for the rope to sit in during a soft lock so that it stays in place;


Figure 11.3

3. To remove the soft lock, give yourself some slack in the brake side of the rope, firmly grip the brake side of the rope and pull it upwards towards the anchor removing it from the two notches. Care should be taken that the rope does not become entangled in the friction handle during the removal of the soft lock and inadvertently pull it out of resting position. Pull the bight through the karabiner keeping a loose grip on the brake side of the rope.

4. Once the soft lock is removed you can proceed to descend as per usual.

12.0 ASCENDING


Figure 12.1

By splitting the rope with the ascension pin, the descender can be used as an ascending unit with minimal additional gear. Ascending with the descender normally requires an additional hand ascender and foot loops or etrier.

Ensure that the friction lever is in resting position (vertical) and the descender is locked off. For additional safety a soft lock can be applied to the descender (Figure 12.1);


Figure 12.2

Attach an appropriate hand ascender with foot loops or etrier, to the rope above the descender. A lanyard from your harness should be attached to the ascender so that you don't lose the ascender and loops/etrier if you drop them during installation. Put your foot/feet into the foot loops/etrier;

If installed, remove the soft lock from the descender and grip the brake side of the rope firmly. Push the ascender up the load side of the rope with your other hand. The ascender should be well above the descender. Now stand up in the foot loops/etrier shifting your full weight from your harness to your ascender (Figure 12.2);


Figure 12.3

While you are standing up, smoothly pull the brake side of the rope through the descender removing the slack between the ascender and the descender. The rope should be pulled in an upwards motion staying as close as possible to the load line above the descender (Figure 12.3);

With the slack removed from between the

ascender and the descender, shift your weight from the ascender to the descender again sitting in your harness. Now fully weighted on the descender you can move the ascender up the rope (while maintaining a grip on the brake side with your other hand). Repeat as necessary.

13.0 LOWERING


Figure 13.1


Figure 13.2

The Rollgliss™ NoWorries™ Double Stop Descender can be used as a lowering device in an inverted (upside down) orientation.

Anchor the descender to a suitable anchor point using a locking karabiner attached to the connecting pin in the bottom of the descender. The descender will now hang in an upside down orientation (Figure 13.1).

Thread the rope so that the load side of the rope is exiting the descender furthest from the karabiner (nearest to the load).

Prior to putting the ascension pin in place (between the two ropes), and with the friction lever in resting position (now pointing towards the ground or load), test the load side of the rope by pulling strongly down on the load side. The rope should remain locked in place in the descender with no creeping once the load is applied. The brake side of the rope should be loose and the two ropes must be able to be easily split so the ascension pin can be put in place while the load is still applied.

Put the ascension pin between the two ropes and remove any slack, check all anchorages and connectors, connect the load side of the rope to the load and lower the load by pulling up on the friction lever.

Always maintain a firm grip on the brake side of the rope (Figure 13.2) and if you need to let go of the rope for any reason it is advisable to apply a soft lock onto the device.

14.0 NON-RATED LOADS & DISTANCES


Figure 14.1

When using the descender (8700387 & 8700388) beyond its rated capacity as may be required during extreme rescue operations or when using ropes with a lower co-efficient of friction than those tested, an additional control via a friction device eg; stitch plate or Munter hitch and karabiner can be used on the brake line to increase friction. This will assist in the control of the descent and/or lowering operation. The karabiner must be attached to a hard point on the harness or structure (i.e. a harness side D-ring) (Figure 14.1 & 14.2).

Care must be taken when operating the friction device that the user's fingers and/or clothing does not get caught in the device. The brake hand must be kept well away from the friction device and a firm grip must always be on the brake side of the rope (Figure 14.3).


Figure 14.2

Testing of the Rollgliss™ NoWorries™ Double Stop Descenders (8700387 & 8700388) to EN341 (2011) required the device to be operated for the full length of its maximum rated descent with a weight of 375kg (827 lb) being 125% of its rated capacity) at a descent rate of 0.5 - 2m/sec. This saw the NoWorries™ Double Stop Descender operating without additional external friction beyond a gloved brake hand.


Figure 14.3

Descent distances beyond 200m (656 ft) are achievable and acceptable so long as speed and device temperature are controlled. Users must take care to minimize descent speed and monitor temperature of the device, resting when necessary to keep the temperature below where it may damage the rope.

15.0 PROGRESS CAPTURE

The design of the NoWorries™ allows it to be used within a haul system as a progress capture device. Position and thread the NoWorries™ as described for lowering operations. With the load side of the rope attached to the rescuer/ casualty, ensure all slack is out of the load side by pulling the rope through the device from the brake side. Attach one end of an appropriate mechanical advantage system to the load line and the other end of the system to the brake side giving enough distance between the two attachment points for the raising operation. As you operate the mechanical advantage (MA) system the load is raised while the lifeline is pulled through the NoWorries™. When the MA system has run out of room the system can easily be reset since the NoWorries™ is holding the load rather than the MA system. Returning to a lowering operation can easily be achieved as the MA system is not carrying the load and can quickly and easily be removed.

16.0 RELEASABLE/ADJUSTABLE ANCHORAGE CONNECTOR

The Rollgliss™ NoWorries™ Double Stop Descenders (8700387 & 8700388) can be used as an anchorage connector providing a connection point between the anchorage and a rope lifeline used for restraint & fall arrest or in a sloped or horizontal transport system, under the following conditions.

Within a fall arrest/restraint system using (8700387 &/or 8700388):

Thread the Rollgliss™ NoWorries™ Double Stop Descender as per Section 8.0 'Threading The Descender' with a locally rated and certified vertical lifeline. Adjust the rope (mainline) such that the load side can reach the desired position plus a safety factor of approximately 2m (6.75 ft.), allowing the worker to safely conduct their work. With the rope properly adjusted and in place, lock off

the device as per Section 11 using a soft lock. When used as a vertical lifeline with a single worker, the worker can attach directly to the mainline with a rope grab as per manufacturer's instructions. The use of any fall arrest system must meet local legislative and standards requirements (Figure 16.1).


Figure 16.1

In the event of a fall, and where it is safe to do so, the Rollgliss™ NoWorries™ Double Stop Descender can be used to lower the worker to the ground.

- Assess the worker's condition to ensure they are not in need of immediate medical attention;
- Remove the soft lock on the NoWorries™;
- Firmly grip the brake side of the lifeline,
- Operate the device to lower the worker. The operation of the friction lever will be difficult under extreme loads and should be operated with great care and attention to control the descent as slow as possible. Operating the lever in such a way that control is lost or the load overspeeds will diminish the ability to stop or control the load.

Within a sloped or horizontal transport system (zipline or high line traverse):

The NoWorries™ (8700387 & 8700388) may be used as a tensionable/releasable anchorage connector on a highline or zipline system allowing for adjustment of the system depending upon load and positioning of the rescue operation. Positioning of the NoWorries™ will depend upon convenience and whether a single device at one end or two devices (one at either end) is used. The NoWorries™ is designed to allow the rope to slip at a point less than the breaking strength of the rope, protecting the system when it becomes overloaded. The point at which the rope

slips will vary given the rope used and the condition of the rope. During certification testing the following results were observed:

Model	Rope	Material	Holding Force
8700387	10.5mm	Nylon/Nylon	600 kg. (1,323 lb.)
8700387	12mm	Poly/Nylon	800 kg. (1,764 lb.)
8700388	13mm	Poly/Nylon	1200 kg. (2,646 lb.)
8700390	13mm	Poly/Nylon	600 kg. (1,323 lb.)

Thread the Rollgliss™ NoWorries™ Double Stop Descender as per Section 9 "Threading The Descender".

Tension the system as described in Section 15 progress capture.


Figure 16.2

Once tensioned insert an appropriate stopper knot (alpine butterfly or similar) approximately 2.0m from the descender on the brake side of the lifeline. This will allow for room in the system should it become overloaded and the descender needs to release some of the lifeline tension (Figure 16.2).

This system allows for adjustment to tension of the line at any point of the rescue operation with minimal effort or risk.

17.0 ROPE BELAY

The NoWorries™ Double Stop Descenders, 8700387 & 8700388 have been tested and certified to NFPA 1983 as a rope belay device for the purpose of providing an attended secondary backup during a rescue operation.

Attach the NoWorries™ to a suitable anchorage rated for fall arrest as per local legislation/standards.

Thread the NoWorries™ as though you were lowering with the device (see Section 9.0) ensuring that the load side is attached

to the rescuer/casualty. Test that the load side of the line locks under tension and that the brake side can easily take up slack. Capital Safety recommends that when the NoWorries™ is used as a belay device, an inline shock absorber is attached to the belay line at the rescuer/casualty to minimize force on the individuals during an arrested fall. Proper belay techniques ensure that there is no load on the belay line except for arresting an uncontrolled descent. Slack between the anchor/device and rescuer/casualty must be kept to a functional minimum.

Belaying out line (giving slack)

Hold the device 90 degrees to the load line in either hand, with the thumb and middle finger on opposite sides of the rigging pin of the pivoting cheek. Do not hold the body of the NoWorries™. The other hand will grasp the load side of the belay line, paying out slack as the rescuer/casualty moves away from the device. The belayer should not touch or hold any other point on the device.

In the event of a fall the rope will collapse the pivoting cheek arresting the fall. The belayer must position themselves such that in the event of a fall, while the device is arresting the fall, the device will not swing into the belayer or others.

Belaying in line (taking up slack)

As the rescuer/casualty approaches the anchor, the belayer will take up slack by pulling the load side of the belay line, with one hand, towards the device and at the same time pushing the brake side with the other hand towards the rescuer/casualty. To efficiently take up slack the ascension pin must be positioned between the load and brake sides of the belay line. Keeping pace with the rescuer/casualty will minimize slack in the belay line and minimize freefall.

Post arrest

Once the device has arrested a fall, and it is safe to do so, the belayer will grasp the brake side of the belay line and either setup a raising system as per Section 15 or lower the rescuer/casualty

as per Section 13.

Any device that has seen the force of a fall must be removed from service.

18.0 INSPECTION PERIOD

It is recommended that Rollgliss™ NoWorries™ Double Stop Descenders be inspected by the user before and after use and by a competent person every 6 months to help maintain the product serviceability.

The following information should be recorded in a formal inspection:

A) Date of inspection

B) Date first placed into service

C) Comments on findings

D) Date placed back in to service

E) Date of next periodic inspection.

F) Serial Number

G) Name of inspector

For inspection forms visit www.capitalsafety.com.au or call us to get copies sent to you.

19.0 MAINTENANCE

Rollgliss™ NoWorries™ Double Stop Descenders are personal protective equipment (PPE) and need to be maintained to ensure a safe working life. It is recommended that the user of this equipment follow the following maintenance procedures.

1. Wash your Rollgliss™ NoWorries™ Double Stop Descenders in clean water only if it is gritty (the lever will be stiff). After washing, oil the lever pivot point;

2. If the lever squeaks, oil it. Wipe away all excess oil to limit the transfer onto other equipment.

3. The use of commercial cleaners, paint thinner or spirits is

not recommended and could damage components within the device.

Note: Service and/or repairs to the device shall only be carried out by the manufacturer and/or their representative as authorised in writing.

20.0 USE CONDITIONS

Rollgliss™ NoWorries™ Double Stop Descenders are designed for use in the normal working conditions found in the industrial market. This includes ambient temperatures such as hot, dry wet and cold working conditions. The temperature range recommended for the descender is -40° to +50° Celsius (-40° to +122° Fahrenheit)

Where temperatures to be experienced in the area of use exceed this temperature range, the user should contact the manufacturer to verify suitability of use. The influence of wet and cold conditions may change the working characteristics, i.e. friction and ease of use of the descender. However such conditions should not affect the working strength of the descender. Care should be taken when using descenders in adverse weather. Ice and snow must be cleared from the descender to ensure smooth operation.

Where a descender comes into contact with chemicals, the descender needs to be cleaned as soon as practicable and inspected for any surface damage to the finish and metals. All chemicals and solvents should be considered harmful and care should be taken to maintain and inspect these descenders before each use where chemicals are present.

Any user of Rollgliss™ NoWorries™ Double Stop Descender that work in an area of possible chemical contamination need to carry out a risk assessment and prepare a safe work method statement. These should include the cleaning and inspection criteria for the equipment based on the potential damage from chemicals in the work area. Always check the MSDS of any chemicals that could come into contact with the descender or any Capital Safety product.

21.0 PRODUCT LIFE

The Rollgliss™ NoWorries™ Double Stop Descender as a mechanical device is constructed of high quality materials that if properly maintained will continue to operate over an extended period and un-determined lifetime. Lifespan of the Descender is conditional on proper maintenance and inspection as outlined in this manual. Inspections must be carried out before and after each use by the user and at least on a 6 monthly basis by a competent person. Always refer to local standards and legislation to confirm product life and inspection requirements.

Where the device has failed an inspection and is deemed unserviceable, the device is to be destroyed and/or made inoperable so that it cannot be returned to service. For clarification on secure disposal and/or destruction contact Capital Safety.

22.0 LIMITED LIFETIME WARRANTY (AUSTRALIA)

Warranty to End User: Capital Safety Group (Australia) Pty Ltd ("Capital Safety") warrants to the original end user ("End User") that its products are free from defects in materials and workmanship under normal use and service. This warranty extends for the lifetime of the product from the date the product is purchased by the End User, in new and unused condition, from a Capital Safety authorised distributor. This warranty is provided in addition to other rights and remedies available to the End User under law.

No oral or written information or advice given by Capital Safety, its distributors, directors, officers, agents or employees shall create any different or additional warranties or in any way increase the scope of this warranty. This warranty will not apply to and Capital Safety will not accept liability for defects that result from product abuse, misuse, alteration or modification, or for defects that are due to a failure to install, maintain or use the product according to the manufacturer's instructions.

Capital Safety's warranty applies only to the End User. To obtain the benefit of this warranty, the End User must register the purchased product at capitalsafety.com.au under "Warranty Registration" tab, or retain their original receipt as proof of purchase.

To claim under this warranty, the End User should return the product with an explanation of the product issue, along with the original proof of purchase, to:

CAPITAL SAFETY AUSTRALIA
95 Derby Street, Silverwater, NSW 2128
Phone: 02 8753 7600/Toll free: 1800 245 002
Email: quality@capitalsafety.com.au

The End User must pay the cost of packaging and returning the product to Capital Safety.

Limitation of Warranty: The warranties stated in this document are exclusive and are made in place of any and all conditions, warranties or representations as to the merchantability, performance, quality or fitness for a particular purpose of the product that may be implied by law, and in place of any industry practice or custom or trade usage.

The product comes with guarantees that cannot be excluded under Australian Consumer Law. The End User is entitled to a replacement or refund for a major failure and to compensation for any other reasonably foreseeable loss or damage. The End User is also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

Limitation of Liability:

To the extent permitted by law:

(a) Capital Safety's maximum liability to the End User for failure to comply with a consumer guarantee in respect of the supply of the product not of a kind ordinarily acquired for personal, domestic or household use or consumption is limited, at Capital Safety's sole discretion, to repair or replacement of the product; and

(b) Capital Safety will not be liable for any direct, indirect, special, or consequential damages of any kind, including loss of profits, revenue or business, death, personal

injury or damage to property resulting from or in any way related to Capital Safety's products.

LIMITED LIFETIME WARRANTY (GLOBAL)

Warranty to End User: Capital Safety Group ("Capital Safety") warrants to the original end user ("End User") that its products are free from defects in materials and workmanship under normal use and service. This warranty extends for the lifetime of the product from the date the product is purchased by the End User, in new and unused condition, from a Capital Safety authorised distributor.

Capital Safety's entire liability to End User and End User's exclusive remedy under this warranty is limited to the repair or replacement in kind of any defective product within its lifetime (as Capital Safety in its sole discretion determines and deems appropriate).

No oral or written information or advice given by Capital Safety, its distributors, directors, officers, agents or employees shall create any different or additional warranties or in any way increase the scope of this warranty. Capital Safety will not accept liability for defects that are the result of product abuse, misuse, alteration or modification, or for defects that are due to a failure to install, maintain, or use the product in accordance with the manufacturer's instructions.

Limitation of Warranty: The warranties stated in this document are exclusive and are made in place of any and all express or implied warranties or conditions, including any implied warranty of merchantability or fitness for a particular purpose, or any industry practice or custom or trade usage.

Limitation of Remedies and Capital Safety Liability: Except as specifically stated in this warranty document, Capital Safety will not be liable for any other cost, loss or liability in any way related to the performance, use or inability to use any of the products.

Capital Safety also will not be liable for any direct, indirect, special, or consequential damages of any kind, including loss of profits, revenue or business resulting from or in any way related to Capital

Safety’s products. This limitation applies regardless of the legal theory upon which damages are sought.

The remedies offered by Capital Safety are intended to compensate only for any non-conforming products. As a condition of sale, it is agreed that the remedies set out in this document are exclusive and may not fail of their essential purpose.

INSPECTION AND MAINTENANCE LOG

Model Number_____

Serial Number:_____

Date into Service:_____

Visual Check of Safety Components	**Yes**	**No**
Condition of the body and cheeks (cracks, marks, wear, deformation, corrosion)	☐	☐
Condition of the friction sheaves (cracks, marks, wear, deformation, corrosion)	☐	☐
Condition of the friction lever (cracks, wear, deformation, corrosion)	☐	☐
Condition of the connection pin (deformation,rivets)	☐	☐

Operational Check	**Yes**	**No**
The pivot cheek operates smoothly and locks positively	☐	☐
Friction lever operates smoothly and when the device is weighted activates the pivot cheek.	☐	☐

Comments

Final Appraisal

Action to be taken		**Overall Pass or Fail**
Select one only		**Select one only**
☐ Clean & Re-inspect	☐ Return to Service	Pass ☐ or Fail ☐
☐ Return to Manufacturer for Clarification	☐ Remove from Service	

Inspector's Name: _____

Inspector's Signature: _____

Inspection Date: / /

Please photocopy this page to record multiple entries

INSPECTION AND MAINTENANCE LOG

Model Number_____

Serial Number:_____

Date into Service:_____

Visual Check of Safety Components	**Yes**	**No**
Condition of the body and cheeks (cracks, marks, wear, deformation, corrosion)	☐	☐
Condition of the friction sheaves (cracks, marks, wear, deformation, corrosion)	☐	☐
Condition of the friction lever (cracks, wear, deformation, corrosion)	☐	☐
Condition of the connection pin (deformation,rivets)	☐	☐

Operational Check	**Yes**	**No**
The pivot cheek operates smoothly and locks positively	☐	☐
Friction lever operates smoothly and when the device is weighted activates the pivot cheek.	☐	☐

Comments

Final Appraisal

Action to be taken		**Overall Pass or Fail**
Select one only		**Select one only**
☐ Clean & Re-inspect	☐ Return to Service	Pass ☐ or Fail ☐
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Inspector's Name: _____

Inspector's Signature: _____

Inspection Date: / /

Please photocopy this page to record multiple entries

For any enquiries please call:
1800 245 002 (AUS)
0800 212 505 (NZ)

Quality ISO 9001 | Environment ISO 14001 | Health & Safety AS 4801

Capital Safety Australia
95 Derby Street Silverwater NSW 2128 Australia
Phone: 02 8753 7600 Fax: 02 8753 7603
Email: sales@capitalsafety.com.au
www.capitalsafety.com.au
ABN 75 003 724 007

USA: 800 328 6146
Canada: 800 387 7484
Latin America: +1 651 385 4301
Asia: +65 65587758
Germany: +49 (0)30 92 03 83 87 00
Europe, Middle East, Africa: +33 (0)4 97 10 00 10
Northern Europe: +44 (0)1928 571234
www.capitalsafety.com info@capitalsafety.com