

ROLLGLISS™ R500 MODELS

Model#	Description	Travel Length	Rescue Hub	Ladder Bracket	Humidity Resistant Case	Three Anchor Slings	Four Carabiners	Pulley	Edge Protector	Rope Grab	Carrying Bag
3320100	Rollgliss™ R500 Descender	100 ft. (30m)	✓	✓		✓	✓	✓	✓	✓	✓
3321100	Rollgliss™ R500 Descender	100 ft. (30m)	✓			✓	✓	✓	✓	✓	✓
3322100	Rollgliss™ R500 Descender	100 ft. (30m)				✓	✓	✓	✓	✓	✓
3324100	Rollgliss™ R500 Descender	100 ft. (30m)	✓	✓	✓	✓	✓	✓	✓	✓	✓
3323100	Rollgliss™ R500 Descender	100 ft. (30m)	✓		✓	✓	✓	✓	✓	✓	✓

NOTE: Other lengths available in 25 ft. (7.5m) increments - last three digits in part number signify length.

3320100



3321100



3322100



3324100

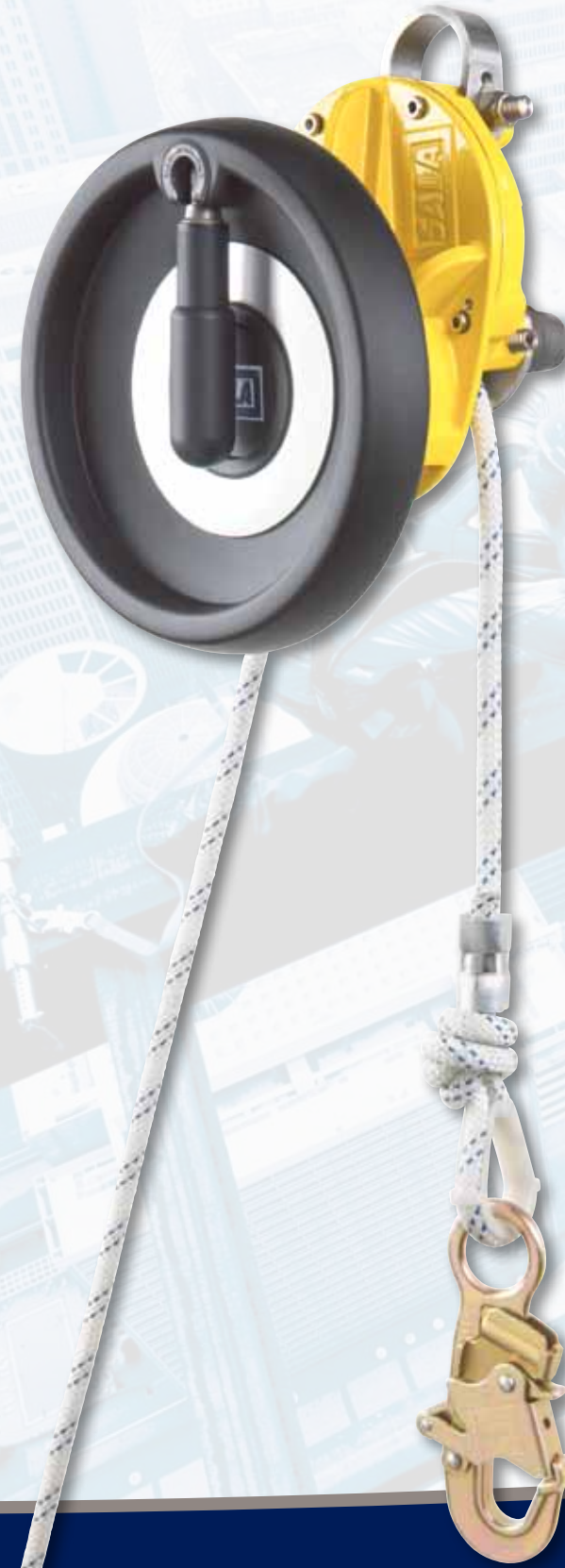


3323100



Specifications:

Maximum Working Load:
2 People, 550 lbs. (248kg)
Minimum Breaking Strength:
3,400 lbs. (15kN)
Maximum Rescue Height:
1,000 ft. (300m)
Weight:
3320100=24 lbs. (11kg),
3321100=20 lbs. (9kg),
3322100=18 lbs. (8kg),
3323100=39 lbs. (18kg),
3324100=44 lbs. (20kg)
Descent Speed:
2-3 ft./second (0.6-0.9m/s)
Housings: Aluminum Alloy
Rope Sheave: Aluminum Alloy
Anchorage: 304 SS
Gears/Shafts: Plated alloy steel
Fasteners: Stainless Steel
Bearings: Bronze
Brake Shoe: Steel
Brake Pad: Friction Material
Cam Cleat: Aluminum
Ladder Bracket: 6061-T6 Aluminum
Ladder Bracket Spring: 302 stainless steel
Ladder Bracket Adjustment Knob: SS and Plastic
Lifting Wheel: Polypropylene based Technopolymer
Rope Guide: 304 SS
Rope: 3/8 in (9.5 mm) kernmantle
Snap Hooks/Carabiners: Plated Steel
Humidity Resistant Case: 15"H x 25"W x 19"D (37.5cm x 62.5cm x 47.5cm) case provides a minimum storage life of 10 years and fits up to a 500 ft. (152.4m) complete system. Contact Capital Safety for separate specification details
Standards: OSHA and ANSI Z359.4-2007, CSA Z259.2.3-99



During an Emergency, Quick Rescue and Escape is Vital – Every Second Counts!

- Versatile system is ideal for self rescue, multiple evacuations or even assisted rescues - rated for two person rescue.
- Unique bidirectional design allows one end of the lifeline to descend while the other ascends ready for another rescue.
- Optional lifting wheel helps facilitate safe assisted rescue from a distance.
- Compact and lightweight design with fully automatic controlled descent at 2-3 ft. per/second (0.6-0.9m) enables fast and safe rescue.
- Fast installation and easy operation enables efficient and effective rescue.
- Device is designed from high-quality and corrosion resistant materials for maximum performance and durability.
- Meets applicable industry standards including OSHA and ANSI Z359.4-2007, CSA Z259.2.3-99





VERSATILE DESIGN, SUPERIOR PERFORMANCE



The Rollgliss™ R500 offers the choice of controlled descent rescue, evacuation or the versatility of assisted rescue with lifting capabilities. This state-of-the-art, fully automatic controlled descent device sets new standards of performance and safety in the rescue market. The system excels in handling, technology, function, safety and versatility – even under the most difficult conditions. The R500 is the result of 50 years of experience in the manufacture and practical use of safety and rescue systems, and has been examined and tested in adherence to the most stringent standards.

The Rollgliss™ R500 provides quick and safe operation with superior technology and design. The system can be used for rescue and evacuation from heights up to 1,000 ft. (300m) for one user 310 lbs. (140kg) or 330 ft. (100m) for two users totaling 550 lbs. (248kg). It features 3/8 in. (9.5mm) super static kernmantle rope, and is configured with connecting hardware at each end of the lifeline. This configuration allows the R500 to operate in both directions - one end of the lifeline descends as the other ascends readying the system for another rescue. During assisted-rescue scenarios, a fallen worker can be attached to the R500 device, raised to a point that allows their fall arrest device to be removed, then lowered to the ground safely.

Remember, during an emergency every second counts! You can count-on and trust the DBI-SALA™ Rollgliss™ systems, in use all over the world;

- Wind Turbine Construction & Maintenance
- Offshore and Land-Based Oil Drilling Rigs
- Utility Pole/Tower Construction & Maintenance
- Fire & Emergency Rescue Services
- Commercial Construction Sites
- Industry and MRO Facilities
- Government & Military Operations
- And More!

Aluminum Housing
Reduces overall weight and helps to dissipate heat during descent for better performance.

Lifting Handle
Provides added leverage during assisted rescue, and stows away for storage.

Rescue Hub
Used during assisted rescue to slightly raise the fallen worker to disengaged primary fall protection system, so descender can lower the victim to the ground.

Humidity Resistant Case
Fully sealed case provides 10 year minimum storage life substantially reducing inspection and maintenance costs. Fits up to a 500 ft. (152.5m) system. External humidity indicator allows user to inspect the seal without opening case.

Anchorage
Used to anchor the device with either a carabiner or sling.

Ladder Bracket
Quickly and easily attaches device to the rungs of a fixed ladder.

Back View of R500

Pigtail
Provides added control during one or two user rescue operations.

Cam Cleat
Used in conjunction with the Pigtail to lock-off the device and stop or hold the victim during rescue.

Pulley
Can be used to re-direct the rescue line if needed.

Edge Protector
Protects the rescue line from contact with sharp edges and helps to alleviate friction.

Lifeline Hook
Patented self locking snap hook is industry preferred and compatible with our First-Man-Up™ System for remote rescue capabilities.