

RESCUE POSITIONING DEVICE (RPD)

# TAKES THE GUESSWORK OUT OF ROPE RESCUE & POSITIONING.

## SAFE, SIMPLE & RELIABLE

Our Rescue Positioning Device provides a safe, simple rescue system with features for raising, lowering and positioning during normal work activities. The kit is ideal for servicing buildings, bridges and dams, as well as for use within confined spaces.



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DBI-SALA's Rescue Positioning Device (RPD) is part of a range of pre-engineered rescue and descent systems that provide the perfect rescue/retrieval safety solution.

## RESCUE POSITIONING DEVICE (RPD)

DBI-SALA's RPD is a simple yet extremely reliable rescue or positioning system designed to raise and/or lower yourself or someone else, providing a stable way to reach a working level, even in tight spaces. After reaching the working level, you can lock out the RPD without the need for an additional securing device. Back-up safety is provided through an inertia speed brake that automatically activates should you lose control or become unconscious for any reason during raising or lowering - the suspended worker is automatically prevented from falling. A slight tug on the rope will resume the raising or lowering.

Typical applications include: confined space entry and retrieval, emergency squads, utility work, chemical-oil industry, scaffolding operations, repair/maintenance operations, construction work, mining, overhead crane rescue, agricultural industry and more.



### FEATURES

- Small, light and easy to carry
- Pre-rigged for quick and easy installation and use
- No special tools, power source or extensive skills needed
- Built-in brake stops a fall should user lose control
- Lock-out mechanism allows user to stop/start anywhere
- Visual mode indicator allows the user to see if the device is in the raise/lower mode or locked -out position
- 3:1 or 4:1 lifting ratio configurations, available in various lengths
- Durable, corrosion resistant construction with tamper proof construction
- Utilises static kernmantle rope that elongates as little as 2% under load and resists knotting, twisting, chemicals and grime
- Complete kit, includes all the necessary equipment to perform rescue, retrieval, and support operations

### Rescue Positioning Device (RPD) Kits:

- 3600050 | Rescue Positioning Device Kit, 15m System, 3:1 ratio
- 3600075 | Rescue Positioning Device Kit, 23m System, 3:1 ratio
- 3600100 | Rescue Positioning Device Kit, 30m System, 3:1 ratio
- 3602050 | Rescue Positioning Device Kit, 15m System, 4:1 ratio
- 3602075 | Rescue Positioning Device Kit, 23m System, 4:1 ratio
- 3602100 | Rescue Positioning Device Kit, 30m System, 4:1 ratio

**NOTE:** The most common kit is our 3:1 gear ratio as it keeps rope requirements down to a minimum for weight carrying purposes, whilst still maintaining adequate mechanical advantage. The RPD kit should be used in conjunction with a Bosun's chair and safety harness (not included in kit).

### Specifications:

**Weight (Approx):** 3600050 - 8kg, 3600075 - 10kg, 3600100 - 12kg, 3602050 - 14kg, 3602075 - 16kg, 3602100 - 18kg, 3600050 - 8kg. **Rescue Positioning Device:** Anodised aluminium housing with stainless steel and brass internal components, tamper resistant enclosure, Locking Speed - 0.91 metre/sec. Rated - 158kg, Weight - 1.4kg, Size - 38.1mm x 114.3mm x 254mm in overall. **Kernmantle Rope:** 9mm diameter, Minimum tensile strength - 2540kg, polyester cover, braided over a nylon core, low stretch, torque-balance. **Connection Sling:** 25.4mm wide, latex treated polyester web, tensile strength - 4445kg, length - 0.91m, used as a choker or basket type connector. **Karabiners:** R-308 - Stainless steel, Steel twist lock, 14mm gate opening, double action, 40kN. **Rescue Sling:** Polyester web construction, width - 44mm, drop forged alloy steel hardware. **Rope Gripping Handle:** Steel body, stainless steel pivots and springs, tempered steel cam, weight - 308g. **Carrying Bag:** Cordura nylon with urethane treatment to pockets and zipper. **Capacity:** Rated to 159kg. **Compatibility:** Designed for use with DBI-SALA approved components and systems, or as recommended by a competent person. **Standards:** Exceeds OSHA, ANSI A10.14, ANSI Z117.1, 29 CFR 1910-146. **Country of Origin:** United States. **Special Instructions/Conditions of Use:** Reading user instruction manual prior to use is essential.



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