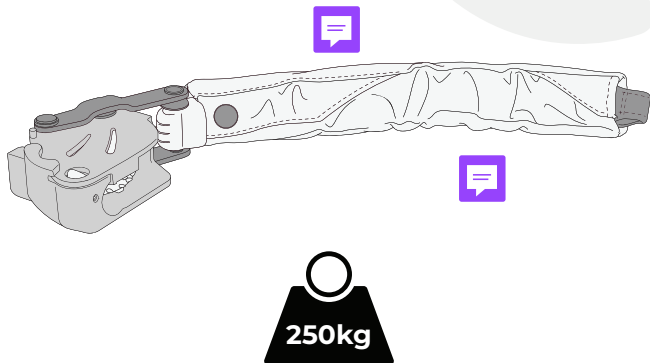
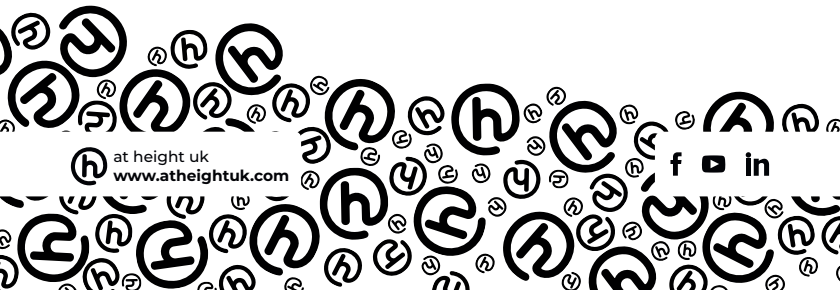


# Auto-locking Back Up Device RA2



Instructions for use with a two-person load  
(max. 250kg) in the event of a rescue



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## Introduction

EN12841:2024 limits the use of devices to ONE PERSON only.

However, Type A back-up devices should be capable of protecting two persons in the event of a working line failure e.g. during a rescue.

When factory tested extensively with a load of 250kg (using 10.5mm and 11mm EN1891A rope) the RA2 performs as follows:

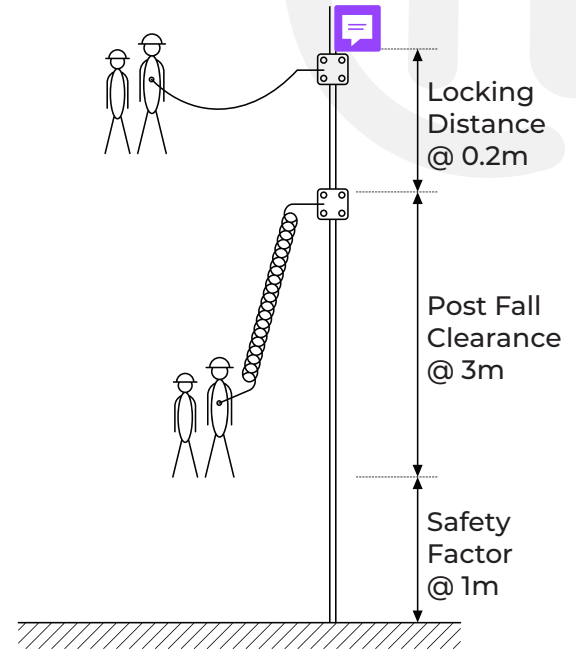
- Average Locking Distance @ <10cm
- Average impact force @ <6kN
- No visible damage to rope sheath after any test

Therefore, it is clear the RA2 is suitable for use in protecting 2 persons in the event of a rescue however the manufacture recommends the RA2 is ALWAYS POSITIONED  $\leq$  FF1.

## Clearance Calculation

Recommended minimum clearance in the event of a working line failure.

### FF1



The recommended clearance is therefore 4.2m, however this information is only provided as a guide as a Competent Person should fully risk assess each scenario.



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