



USER INSTRUCTIONS

D431 - Aluminium Body

The Hurricane is Personal Protective Equipment and is intended for fall protection.

For use on 10.5-12.0mm EN1891A Kernmantel Rope (tested on heightec TECTRA rope)

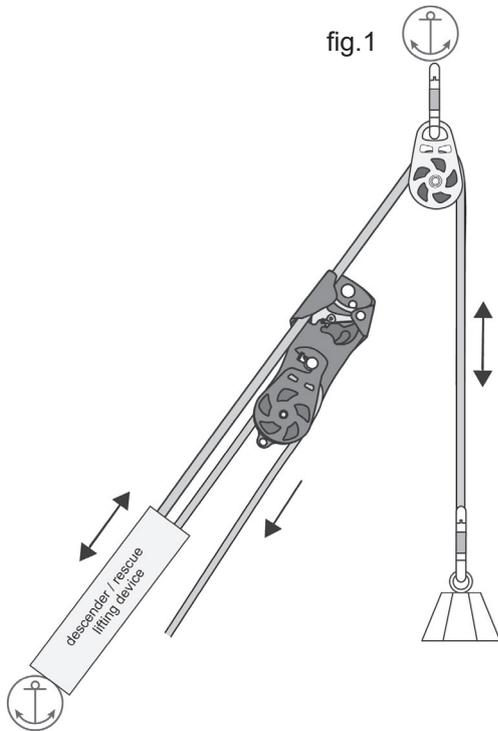
Maximum rated load: 2kN

Use

- The device is a combination of pulley conforming to EN12278:2007 and ascender conforming to EN12841:2006 Type B.
- The Hurricane has been specially developed to simplify the creation of rescue hauling systems, such as 3:1 (z-rig) employed with descenders (EN341 & EN12841 Type C) and rescue lifting device (EN1496) as shown in fig. 1
- If required the device may be secured by attaching a tether to the small hole near the pulley.
- Where required, use EN362 connectors.
- Hurricane is not designed for direct attachment to a harness during use.

Loading

- The cam in the rescue hauler will start to damage the rope at a static load of approximately 6kN. This figure will vary depending on the type, diameter and condition of the rope. Even if the sheath has been completely severed the device will still hold a load of 1kN on the damaged rope.
- The cam is designed to lock positively onto the rope with minimal slippage; care should therefore be taken to avoid any shock load.
- The pulley has been tested separately to 15kN without failure.
- Do not run the device over an edge as a severe bending force will be created.



CE 0598

EN 12278:2007
EN12841:2006 Type B

Patented

Manufactured by:
The heightec Group Ltd, Kendal, Cumbria LA9 6NH, UK

Type approval & Ongoing Assessment ;
SGS FIMKO OY (0598), Takomotie 8, FI-00380, Helsinki, Finland

Declaration of conformity available on heightec.com

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Fitting to Rope

- Open the cam by pulling up on the catch and hooking it around the body of the device as shown in fig 2. & 3
- Place the device onto the rope.
- Push the cam towards the rope until it springs back into place

Fitting to Pulley

- Open the pulley by rotating the catch (fig. 5).
- Swivel open the side plate.
- Place the rope around the pulley.
- Swivel back the side plate until it clicks shut (fig. 6).
- Ensure catch is engaged by twisting plate.

fig.2

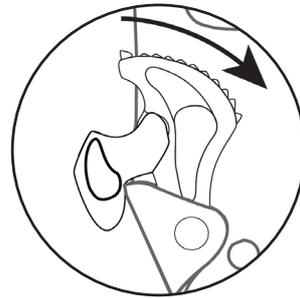


fig. 3

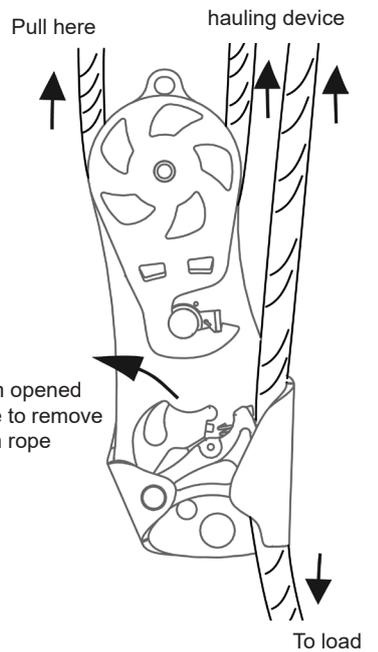


fig. 5
Open

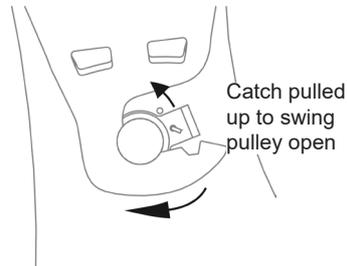
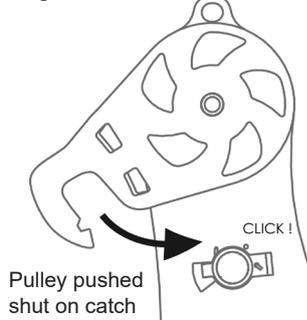
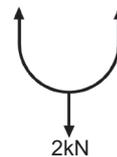


fig. 6
Close



Product Markings

Working load limit & orientation of use:



Warnings:

- Do not allow slack to develop in the system.
- A backup line or other fall protection system should be used.
- Not suitable for use in a fall arrest system.
- Shock loads may damage the anchor line.
- EN12841 Type B rope adjustment devices are for progression along the working rope. When used as such they should always be used in conjunction with a Type A rope adjustment device and a safety rope (back-up device).
- This device works by a toothed cam gripping a rope: the teeth penetrate the sheath to provide grip. The performance of this equipment may be affected by the presence of mud, ice, oil, dust or water etc.

