

ROTOR rescue and evacuation descender

D61

Automatically controls descent speed for self-evacuation or recovery of a casualty from tall structures, including wind turbines

Features:

- High load rating when lowering or lifting
- Long descent distance
- Active or passive operation
- No external moving parts

Load	Max. descent distance	Descent speed
140kg	4500m	0.7m/s
200kg	500m	1.0m/s
250kg	220m	1.7m/s

Maximum descent load 250kg
 Maximum lifting load 140kg
 Integral load indicator shows if the device has been used
 9.5mm rope gives 10:1 safety factor with 220kg
 Rate of lifting for 100 kg load approx 3m per minute.

Maximum rope length 500m.

Automatically controls the speed of descent. Friction points give additional manual control for lowering a casualty if required.

Lifting is achieved with a detachable ratchet handle and engaging the internal ratchet lock. This direct drive method typically gives faster lifting speeds than wheel driven devices. Changeover from lifting to lowering mode and vice versa can be done under load. Device tested as part of conformity assessment to lift 210kg, rated for lifting 140kg.

Device can be attached to an anchor point (passive) or direct to the users harness (active). No external moving parts prevent risk of injury, entrapment or affecting descent.

The Rotor device is not subject to a specific lifetime, however it must be serviced and replacement rope fitted every 10 years.

Full service support available.



Patented

GB2515341

Specifications:

NB: specifications and colour may change without notice.

Size: 20 x 13 x 10 cm (plus rope)

EN Test Mass: 140kg/250kg

Loading: 140kg personal descender, 140kg max. rescue load lift, max rescue load descent 250kg. 1.4kN -2.5kN WLL

Conformity: EN 341:2011/1A, EN 1496:2006 (Type A), CE EN12841:2006 (Type C)

Materials: Anodised Aluminium Alloy, Stainless Steel

Weight (kg): 2.88

Industries: Wind, Construction, Oil & Gas

All our PPE, rescue and lifting equipment have both UKCA and CE conformity where applicable