

DUTCH DESIGN
HIGH QUALITY



ZIP-brake® Zip line brake device



Powering your adventure experiences!



A person is shown from a low angle, suspended on a zip line against a bright blue sky with scattered white clouds. The person is wearing a dark blue t-shirt, dark shorts, and a safety harness. They are holding onto the zip line handle with both hands, and their legs are extended outwards. The zip line cable runs diagonally across the frame from the top left towards the bottom right.

ZIP-brake devices

A COMFORTABLE CUSTOMER EXPERIENCE

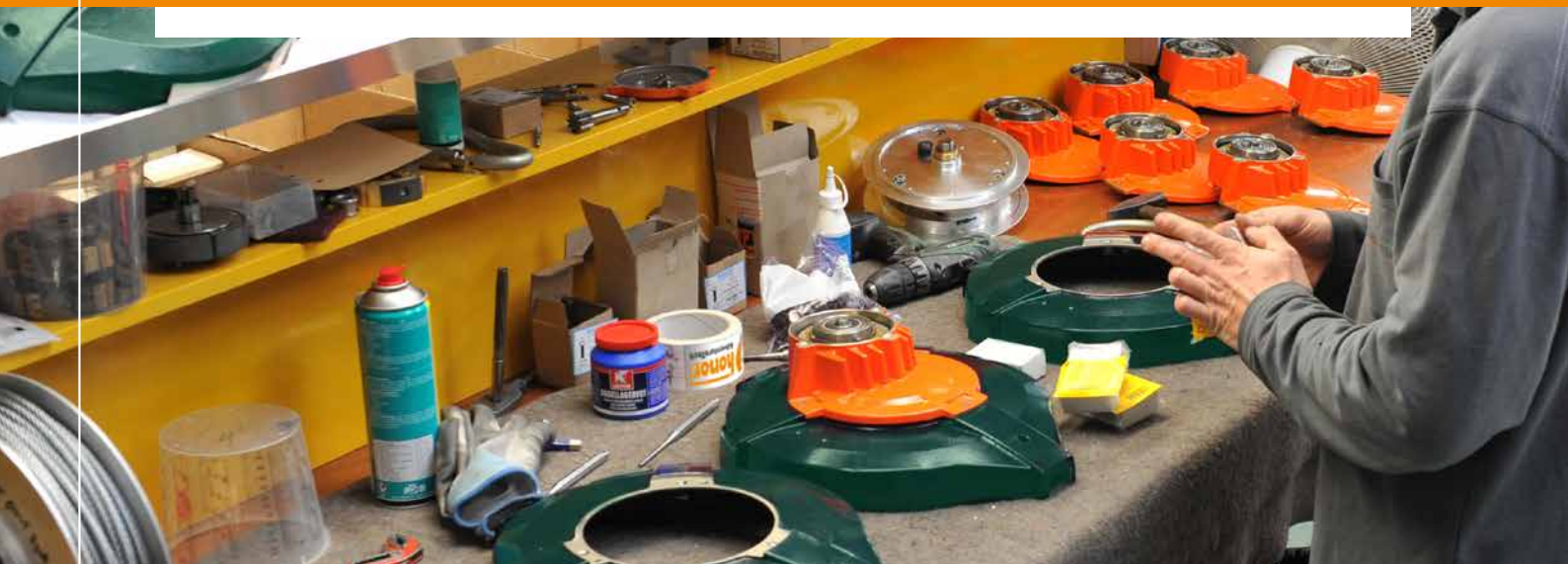
We've put over 70-years safety engineering experience in our ZIP-brake devices!

The ZIP-brake devices are a spin-off of a wide range of 25 different safety devices (developed by our sister company HONOR Safety & Consultancy B.V.) comprising fall arrest blocks, recovery devices, automatic descenders, evacuation and rescue devices, load arrestors, etc.

The ZIP-brake® automatically adjusts the resistance based on the weight and speed of the rider to create the most comfortable zip line braking experience.

A unique self-regulating braking system to brake zip line user smoothly and comfortably that provides consistent braking and automatically resets after each ride.

It brakes users consistently, even at high speed. The result is a comfortable and better customer experience for your zip line or canopy tour.



HONOR AdventureTech

Powering your adventure experiences

HONOR AdventureTech is situated in the Netherlands. We design and manufacture premium Auto Belay (climbing wall descenders) for sport climbers and leisure activities under the brand name STAR-belay and ZIP-brake to comfortable slow down people at the end of zip lines. Our accessories complete the range.

As far back as 1948 we started developing and manufacturing safety products in-house, in response to safety issues affecting our clients. Our sister company HONOR Safety & Consultancy – an international orientated Dutch company – experienced in developing and manufacturing premium height safety, evacuation and rescue solutions in partnership with its clients. From this starting point we also developed zip brakes and climbing auto belay devices.

HONOR AdventureTech is located in Almere (close to Amsterdam), the Netherlands. Working together with industrial designers, end-user customers and export distributors many HONOR-solutions are internationally patented, often nominated and even won the international prestigious Dutch Design Award! Our products are MADE IN HOLLAND, genuine and virgin materials used, sustainable produced under the right working conditions!

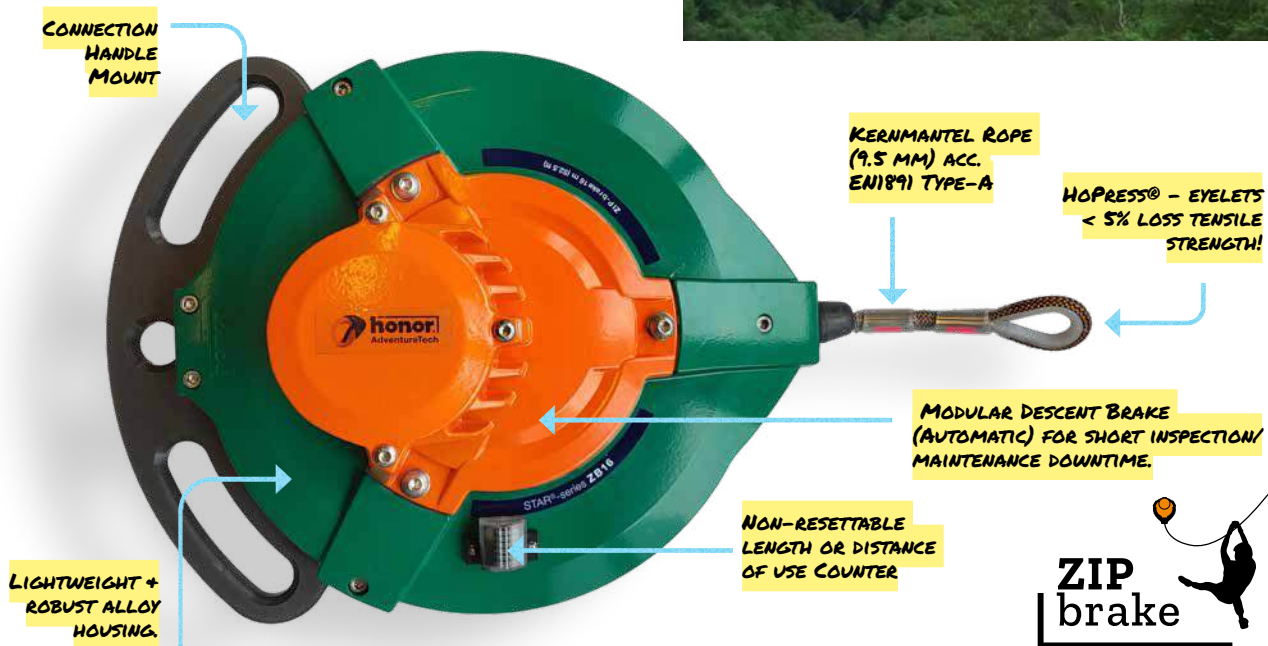
HONOR is certified in accordance to ISO 9001:2015 and in conformance to PPE Regulation (EU) 2016/425 Module C2 (Annex IV) and SCC ('SCC' is the abbreviation for SHE Checklist Contractors and is managed by the Foundation Cooperation for Safety {SSW}).

Enjoy your Safety high-up!

ZIP-brake® type ZB16

Zip line brake device Kernmantel rope

ZIP-brake devices model ZB16 offers a maximum braking distance of 16 meters for riders weighing 15 – 150 kg (33 – 331 lbs). These devices provide reliable and consistent braking even at high speeds.



Specifications ZB16:

- Dimensions (HxWxD): 410x310x250 mm (15.7x12.2x9.1 inches);
- Net weight: 17.2 kg (37.9 lbs)
- Maximum braking distance
 - (at 1:1 ratio): 16 m (52.5 ft);
- Maximum rope extension 16 m (52.5 ft);
- Maximum Arrival Speed
 - (1:1 redirection ratio): 45 km/h (27.9 mph)
 - (2:1 redirection ratio): 60 km/h (37.2 mph);
- Capacity: max. one person
 - Minimum weight person: 15 kg (33 lbs)
 - Maximum weight person: 150 kg (331 lbs);
- Lifeline:
 - Kernmantel rope: 9.5 mm – EN 1891 Type A;
 - Static strength with HoPress® eyelet >22 kN;
 - Self retracting;

Operating Temperature:

- Dry: Min -10° – max +55°C (Min 14° – Max 131°F)
- Wet: Min -4° – max +55°C (Min 24,8° – Max 131°F);
- Storage temperature -10° – +55°C (14° – 131°F);
- Integrated length/distance of use counter, non-resettable;
- Applied materials:
 - Housing & modules: lightweight, Marine-Grade alloys – powder coated;
 - Internal components: SS, Marine-Grade alloys;
- Handle Mount (2x handle & 1x connecting eye);
- Low testing and inspection costs;

Patents and standards:

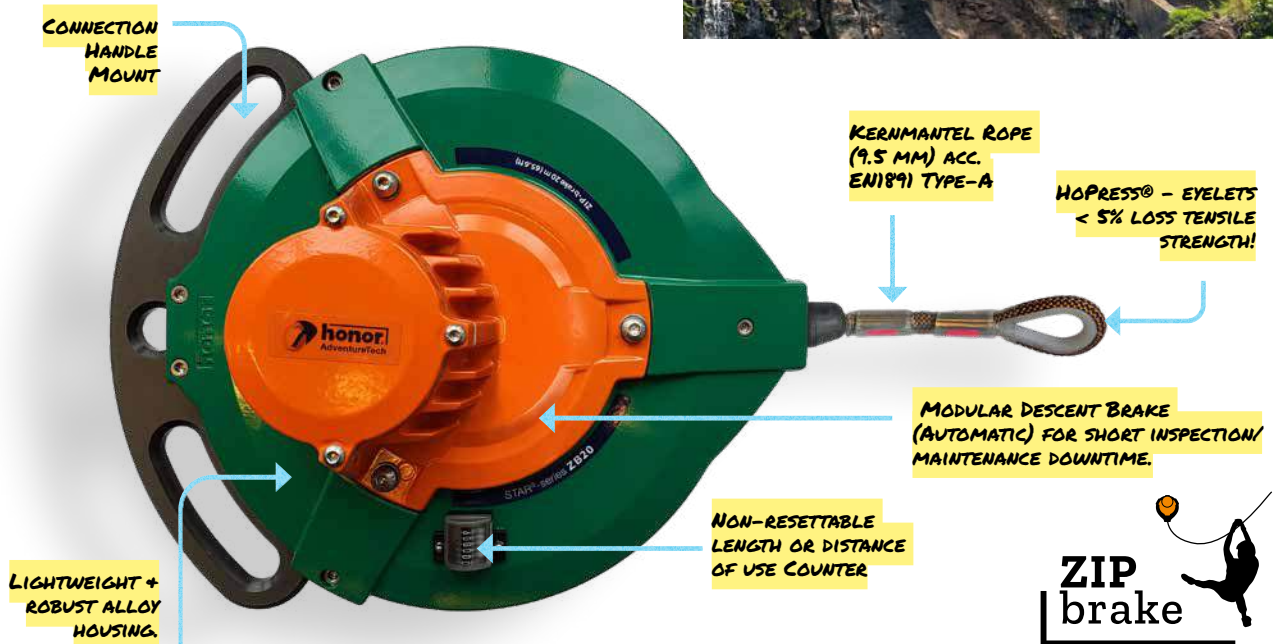
European patent number: 002503698-001
USA patent number: 23-0825-0576900

Art.no: R020.022.100 – ZB16 (Handle Mount)

ZIP-brake® type ZB20

Zip line brake device Kernmantel rope

ZIP-brake devices model ZB20 offers a maximum braking distance of 20 meters for riders weighing 15 – 150 kg (33 – 331 lbs). These devices provide reliable and consistent braking even at high speeds.



Specifications ZB20:

- Dimensions (HxWxD): 410x310x250 mm (15.7x12.2x9.1 inches);
- Net weight: 21.6 kg (47.6 lbs);
- Maximum braking distance - (at 1:1 ratio): 20m (65.6ft);
- Maximum rope extension 16 m (52.5 ft);
- Maximum Arrival Speed - (1:1 redirection ratio): 60 km/h (37.2 mph) - (2:1 redirection ratio): 72 km/h (44.6 mph);
- Capacity: max. one person - Minimum weight person: 15 kg (33 lbs) - Maximum weight person: 150 kg (331 lbs);
- Lifeline: - Kernmantel rope: 9.5 mm – EN 1891 Type A; - Static strength with HoPress® eyelet >22 kN; - Self retracting;

Operating Temperature:

- Dry: Min -10° – max +55°C (Min 14° – Max 131°F)
- Wet: Min -4° – max +55°C (Min 24,8° – Max 131°F);
- Storage temperature -10° – +55°C (14° – 131°F);
- Integrated length/distance of use counter, non-resettable;
- Applied materials: - Housing & modules: lightweight, Marine-Grade alloys – powder coated; - Internal components: SS, Marine-Grade alloys;
- Mounts: Handle Mount (2x handle & 1x connecting eye);
- Low testing and inspection costs;

Patents and standards:

European patent number: 002503698-001
USA patent number: 23-0825-0576900

Art.no: R020.025.100 – ZB20 (Handle Mount)



ZIP-brake[®] better customer experience

The ZIP-brake is designed to automatically slow down riders, offering a smooth and comfortable Zip line braking experience. This innovative self-regulating system ensures consistent braking for Zip line riders, resetting automatically after every ride. It effectively reduces speed, even at high velocities, ensuring a safer and more enjoyable ride. The result? An enhanced and comfortable experience for your Zip line or canopy tour customers.

Reliable and consistent braking even at high speeds

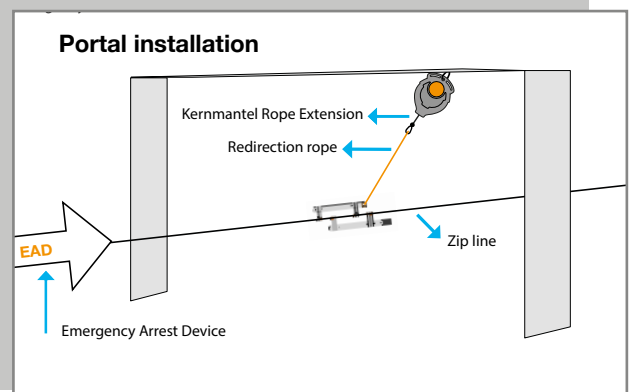
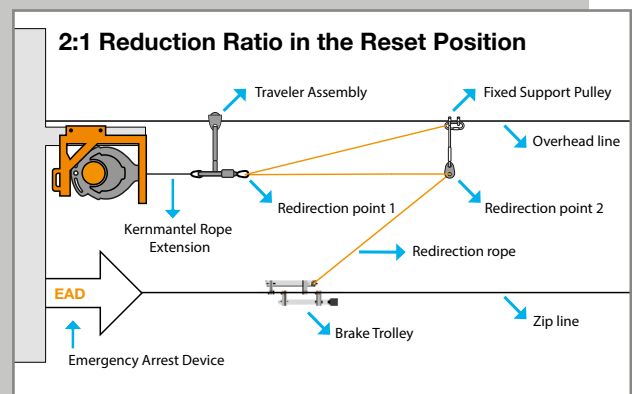
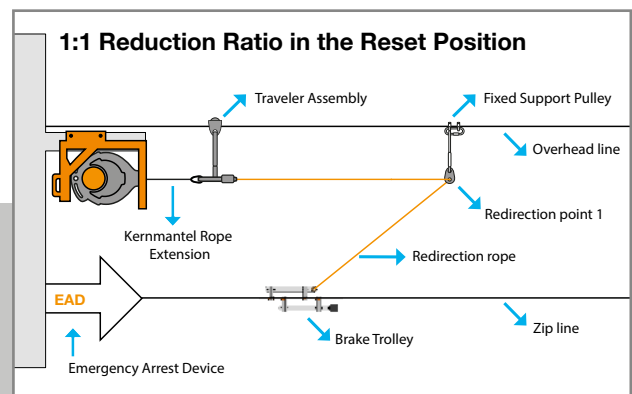
Automatic Weight-Adjustable Resistance: The ZIP-brake features a unique self-regulating braking system that adjusts resistance based on the rider's speed and weight. This ensures a customized, comfortable, and consistently smooth braking experience for riders of all sizes. The device provides reliable and consistent braking even at high speeds.

Highest levels of safety

Compliance with Industry Standards: HONOR AdventureTech ZIP-brake devices adhere to industry standards such as ACCT, EN 15567-1, PRCA, ASTM F2959, and ASTM F770, ensuring the highest levels of safety and performance.

HONOR AdventureTech ZIP-brake devices enable riders to safely decelerate at speeds up to 60 km/h (37.2 mph) with the ZB16 or up to 72 km/h (44.6 mph) with the ZB20 (Maximum Arrival Speed 2:1 Ratio).

Our brakes activate upon reaching the end of the Zip line, securely catching the rider and automatically guiding them to the arrival platform.





ZIP-BRAKE OVERVIEW

- + RESEARCH, DEVELOPMENT AND **MADE IN HOLLAND**
- + FOR **RECREATIONAL** AND **PROFESSIONAL ZIPPING**
- + FOR **ADULTS** AND **CHILDREN**
- + **SIMPLE TO INSTALL** AND **EASY TO RELOCATE**
- + HIGH QUALITY **KERNMANTEL** ROPE
- + UNIQUE LENGTH OR DISTANCE OF USE **COUNTER**
- + **AUTOMATIC BRAKE** - SMOOTH RIDE
- + UP TO **20 METER (65.6 FT)** BRAKE DISTANCE
- + **ZIPPERS FRIENDLY**
- + MEETS INTERNATIONAL **SAFETY STANDARDS**

Accessories

Our product concepts are user-friendly and safe. In addition, we complete our range with accessories as a finishing touch. If what you are looking for is not listed here, please contact us. Very likely we can be of service anyway.



Sidewinder Swivel Hook

Captive eye connector

Art.no: R024.001.035
Sidewinder Swivel Hook

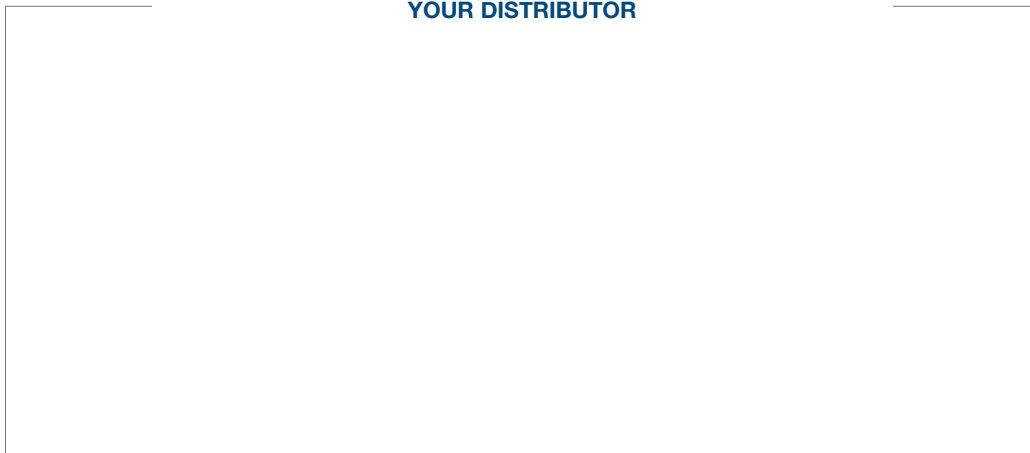


Device Bracket

ZIP-brake
Mounting bracket

Art.no: R010.210.033
Device Bracket (Handle Mount)

YOUR DISTRIBUTOR



MANUFACTURER



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