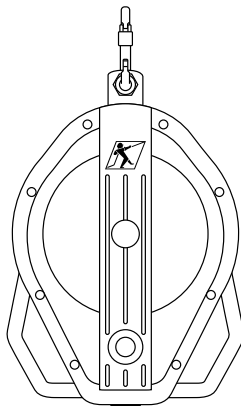
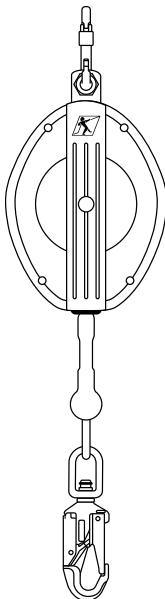


RT100R



RT50R



RT30R

The Blocfor® synthetic self-retracting lifeline provides freedom of movement to workers performing their job at various heights. The device automatically takes up the slack in the synthetic rope, keeping it out of the way while minimizing the free fall distance, should a fall occur. In the event of a fall, the sudden jerk in the synthetic rope will activate the centrifugal locking mechanism, arresting the fall within 2 ft. (0.6 m).

Very lightweight and easy to handle, the Blocfor® features two carrying handles (RT50R and RT100R) that facilitate the transportation and installation of the device. In the event of a fall, the drum is locked by two pawls which engage in a ratchet wheel under the effect of the centrifugal force caused by the acceleration of the falling mass attached to the wire rope lifeline.

For further information, refer to the "Use and Maintenance Instructions" for Blocfor self-retracting lifeline & self-retracting retrieval lifeline.

Features

- Housing
 - Synthetic case works with the frame to dissipate and absorb shock if dropped or struck by objects (RT30R & RT50R).
- Construction
 - Isolated drum keeps all brake components contaminate-free.
 - All parts are corrosion resistant.
 - Mechanical parts are not dependent on the integrity of the housing.
- Brake mechanism
 - Twin stainless steel disc brakes with copper/alloy coil in the centre (all parts are anti-spark).
 - Twin inertia and speed-activated brake pawls are designed to activate and engage at the same time. This design compensates against gravitational effects when the block is used horizontally. As a result, the braking system of the Blocfor® offers faster reaction.
- Design
 - Features a carabiner-positioning washer.
 - Rubber stop which is easy to take in hand and acts as a buffer when rope is accidentally released (high-speed recoil).
 - Reinforced plastic rope guide is designed for high wear resistance, low cost and easy maintenance.
 - Swivel self-locking snap hook has a visual fall indicator to allow inspection before each use.
- Synthetic lifeline
 - Offers very little abrasion on sensitive surfaces.
 - Maximum strength to weight ratio.
 - Fiber offers no water absorption.
- Optional swivel at top recommended for horizontal applications.
- **No annual factory re-certification except in Canada.**
- Canadian Standards Association (CSA) Z259.2.3-04 requires inspection, maintenance and recertification annually, regardless of usage.

Applicable standards

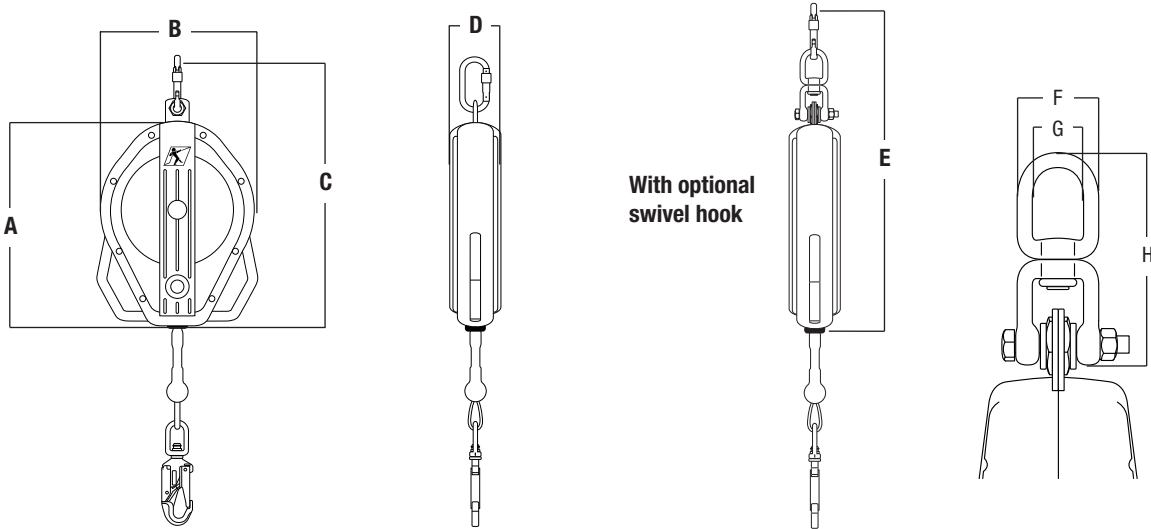
- Ships
- Aircraft maintenance
- Food industry
- Any elevated work station

Applicable standards

- ANSI Z359.1-1999
- OSHA fall protection requirements
- CSA Z259.2.3-04, type 2

⚠ WARNING ⚠

Always work directly under anchorage point as a pendulum fall could result in serious injury or death.
Always select an anchorage point that is rigid and capable of supporting a minimum load of 5,400 lbs. (24 kN).



Specifications	RT30R	RT50R	RT100R
Casing construction	Polyamide 6/ABS		Cast aluminum
Rope length	30 ft. (9 m)	50 ft. (15 m)	100 ft. (30 m)
Rope construction	twelve strand synthetic rope 3/16 in. (4.8 mm) dia.		
Rope breaking strength	4,860 lbs. (21.6 kN)		
Rope tension	11 lbs. (50 N)		
Unit weight	8.6 lbs. (3.9 kg)	14.9 lbs. (6.8 kg)	28.4 lbs. (12.9 kg)
Length (A)	11 ¹³ / ₁₆ in. (300 mm)	15 ³ / ₄ in. (400 mm)	25 ⁵ / ₁₆ in. (650 mm)
Width (B)	7 ¹ / ₁₆ in. (195 mm)	10 in. (255 mm)	11 ¹³ / ₁₆ in. (300 mm)
Suspension height (C)	21 ¹ / ₄ in. (54 cm)	18 ³ / ₄ in. (47.6 cm)	14 ³ / ₄ in. (37.5 cm)
Depth (D)	3 in. (75 mm)	4 in. (100 mm)	5 ¹ / ₈ in. (130 mm)
Suspension height with swivel (E)	25 in. (63.5 cm)	22 ¹ / ₂ in. (57 cm)	18 ¹ / ₂ in. (47 cm)
Swivel exterior width (F)	1 ¹ / ₈ in. (41 mm)		
Swivel interior width (G)	1 in. (25 mm)		
Swivel Length (H)	4 ³ / ₈ in. (106 mm)		
Carabiner Ø	3/8 in. (9.5 mm)		
Maximum arresting force	900 lbs. (4 kN)		
Maximum fall arrest distance	24 in. (600 mm)		
Capacity	310 lbs. (140 kg), one person		