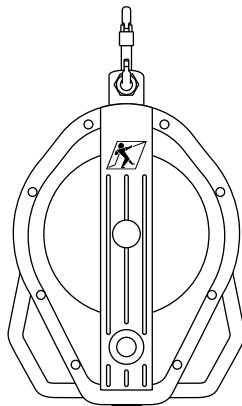
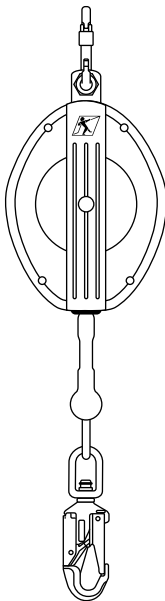


**RT75 – RT100**



**RT50**



**RT20 – RT30**

The Blocfor® wire rope self-retracting lifeline provides freedom of movement to workers performing their job at various heights. The device automatically takes up the slack in the wire 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 wire 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 (RT50, RT75 and RT100) 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.

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 (RT20, RT30 & RT50).
- 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 cable 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.
- 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**

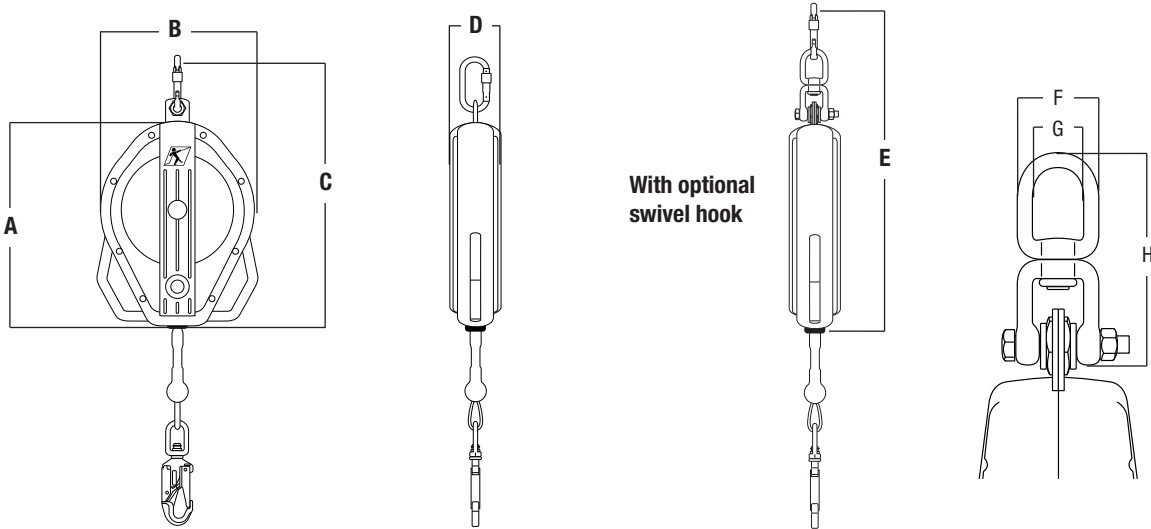
- |            |   |
|------------|---|
| • Ships    | • Construction sites                      |
| • Towers   | • Fixed ladder                            |
| • Quarries | • Manholes                                |
| • Tanks    | • Aircraft maintenance                    |
| • Silos    | • Railroad sidings                        |
| • Shafts   | • Tank truck loading/unloading facilities |
| • Pipeways | • 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	RT20G RT20S	RT30G RT30S	RT50G RT50S	RT75G RT75S	RT100G RT100S
Casing construction	Polyamide 6/ABS			Cast aluminum	
Wire rope length	20 ft. (6 m)	30 ft. (9 m)	50 ft. (15 m)	75 ft. (23 m)	100 ft. (30 m)
Wire rope construction	$\frac{3}{16}$ in. (4.7 mm) dia. 7 X 19 galvanized steel (G) preformed wire rope with ordinary lay right SZ and IWRC core $\frac{3}{16}$ in. (4.7 mm) dia. 7 X 19 stainless steel (S) preformed wire rope with ordinary lay right SZ and IWRC core				
Wire rope breaking strength	Galvanized steel: 3,304 lbs. (14.7 kN) Stainless steel: 3,597 lbs. (16 kN)				
Wire rope tension	11 lbs. (50 N)				
Unit weight	9.5 lbs. (4.3 kg)	10.4 lbs. (4.7 kg)	18 lbs. (8.2 kg)	33 lbs. (15 kg)	34.6 lbs. (15.7 kg)
Length (A)	11 $\frac{3}{16}$ in. (300 mm)		15 $\frac{3}{4}$ in. (400 mm)	25 $\frac{1}{2}$ in. (650 mm)	
Width (B)	7 $\frac{1}{16}$ in. (195 mm)		10 in. (255 mm)	11 $\frac{13}{16}$ in. (300 mm)	
Suspension height (C)	21 $\frac{1}{4}$ in. (54 cm)		18 $\frac{3}{4}$ in. (47.6 cm)	14 $\frac{1}{2}$ in. (37.5 cm)	
Depth (D)	3 in. (75 mm)		4 in. (100 mm)	5 $\frac{1}{2}$ in. (130 mm)	
Suspension height with swivel (E)	25 in. (63.5 cm)		22 $\frac{1}{2}$ in. (57 cm)	18 $\frac{1}{2}$ in. (47 cm)	
Swivel exterior width (F)	1 $\frac{1}{2}$ in. (41 mm)				
Swivel interior width (G)	1 in. (25 mm)				
Swivel Length (H)	4 $\frac{3}{8}$ in. (106 mm)				
Carabiner Ø	$\frac{3}{8}$ 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				