

The blocfor® wire rope self-retracting device 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 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.

The blocfor® Leading Edge self-retracting device (RT50G/LE) is especially made to use in applications where falls may occur over an edge such as roofing, leading edge construction, etc. This blocfor® model is suited for use with fall arrest systems using Tractel® roof anchors.

For further information, refer to the “Use and Maintenance Instructions” for blocfor® self-retracting device & self-retracting retrieval device.

⚠ WARNING

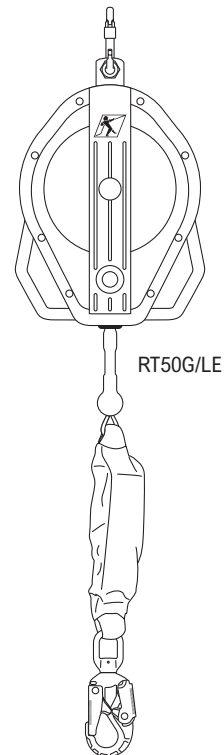
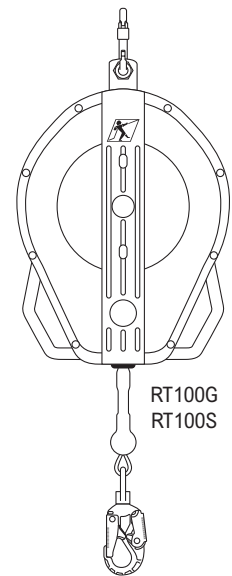
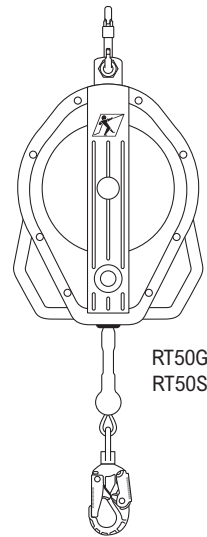
Always work directly under anchorage point as a pendulum fall could result in serious injury or death, with the exception of the leading edge models.

⚠ WARNING

Always select an anchorage point that is rigid and capable of supporting a minimum load of 5,000 lbs. (22.5 kN).

FEATURES

- Housing
 - Synthetic case works with the frame to dissipate and absorb shock if dropped or struck by objects (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.



APPLICATIONS

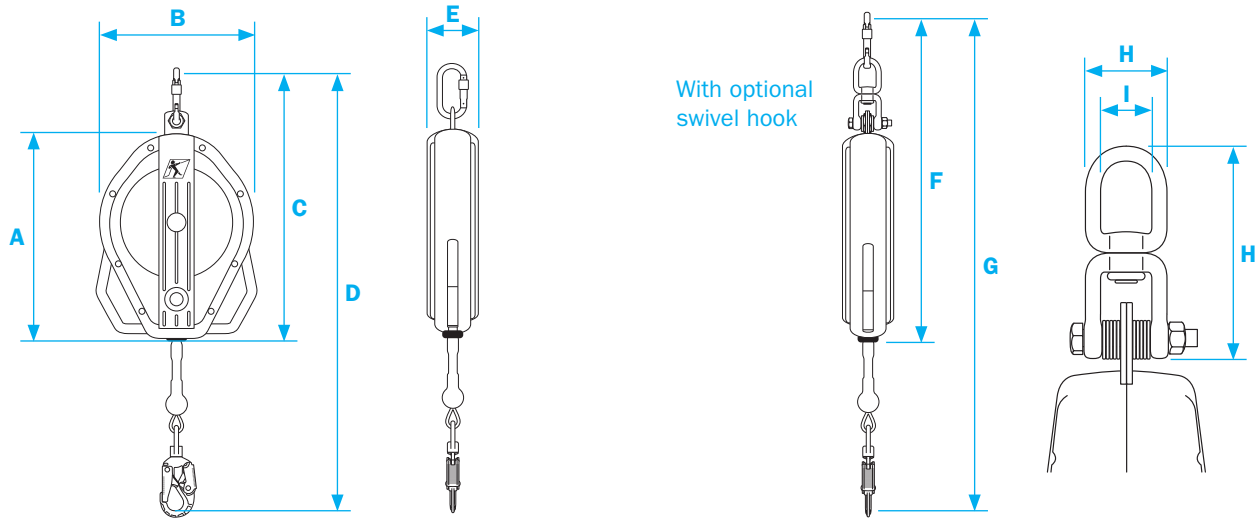
- Ships
- Construction sites
- Towers
- Fixed ladder
- Quarries
- Manholes
- Tanks
- Aircraft maintenance
- Silos
- Railroad sidings
- Shafts
- Tank truck loading/unloading facilities
- Pipeways
- Any elevated work station

APPLICABLE STANDARDS

- CSA Z259.2.2-17
- ANSI Z359.14-2014
- OSHA

AVAILABLE MODELS

- **RT50G** blocfor® with 50 ft. (15 m) galvanized wire rope
- **RT100G** blocfor® with 100 ft. (30 m) galvanized wire rope
- **RT50G/LE** blocfor® Leading Edge with 50 ft. (15 m) galvanized wire rope
- **RT50S** blocfor® with 50 ft. (15 m) stainless steel wire rope
- **RT100S** blocfor® with 100 ft. (30 m) stainless steel wire rope



SPECIFICATIONS	RT50G	RT100G	RT50G/LE	RT50S	RT100S
CASING CONSTRUCTION	Polyamide 6/ABS	Cast aluminum	Polyamide 6/ABS	Polyamide 6/ABS	Cast aluminum
WIRE ROPE LENGTH	50 ft. (15 m)	100 ft. (30 m)	50 ft. (15 m)	50 ft. (15 m)	100 ft. (30 m)
WIRE ROPE CONSTRUCTION	3/16 in. (4.7 mm) dia. 7 X 19 galvanized steel preformed wire rope with ordinary lay right SZ and IWRC core			3/16 in. (4.7 mm) dia. 7 X 19 stainless steel preformed wire rope with ordinary lay right SZ and IWRC core	
WIRE ROPE REAKING STRENGTH	Galvanized steel: 3,304 lbs. (14.7 kN)			Stainless steel: 3,597 lbs. (16 kN)	
ROPE TENSION				11 lbs. (50 N)	
UNIT WEIGHT	18 lbs. (8.2 kg)	34.6 lbs. (15.7 kg)	18 lbs. (8.2 kg)	18 lbs. (8.2 kg)	34.6 lbs. (15.7 kg)
LENGTH (A)	15 3/4 in. (400 mm)	25 5/8 in. (650 mm)	15 3/4 in. (400 mm)	15 3/4 in. (400 mm)	25 5/8 in. (650 mm)
WIDTH (B)	10 in. (255 mm)	11 13/16 in. (300 mm)	10 in. (255 mm)	10 in. (255 mm)	11 13/16 in. (300 mm)
SUSPENSION HEIGHT (C)	20 1/16 in. (510 mm)	29 15/16 in. (760 mm)	20 1/16 in. (510 mm)	20 1/16 in. (510 mm)	29 15/16 in. (760 mm)
SUSPENSION HEIGHT FROM HOOK TO HOOK (D)	27 1/2 in. (700 mm)	33 3/8 in. (853 mm)	36 3/8 in. (923 mm)	27 1/2 in. (700 mm)	33 3/8 in. (853 mm)
DEPTH (E)	4 in. (100 mm)	5 1/8 in. (130 mm)	4 in. (100 mm)	4 in. (100 mm)	5 1/8 in. (130 mm)
SUSPENSION HEIGHT WITH SWIVEL (F)	24 1/4 in. (616 mm)	34 1/16 in. (866 mm)	24 1/4 in. (616 mm)	24 1/4 in. (616 mm)	34 1/16 in. (866 mm)
SUSPENSION HEIGHT WITH SWIVEL FROM HOOK TO HOOK (G)	31 1/4 in. (806 mm)	37 1/8 in. (959 mm)	40 1/2 in. (1,029 mm)	31 1/4 in. (806 mm)	37 1/8 in. (959 mm)
SWIVEL EXTERIOR WIDTH (H)				1 1/8 in. (41 mm)	
SWIVEL INTERIOR WIDTH (I)				1 in. (25 mm)	
SWIVEL LENGTH (J)				4 3/16 in. (106 mm)	
CARABINER Ø				3/8 in. (9.5 mm)	
MAXIMUM ARRESTING DISTANCE				47 in. (1.2 m)	
MAXIMUM FREE FALL DISTANCE	-	-	24 in. (0.61 m)	-	-
MAXIMUM ARRESTING FORCE				1,800 lbs. (8 kN)	
AVERAGE DEPLOYMENT FORCE	-	-	1,350 lbs. (6 kN)	-	-
MINIMUM OFFSET HORIZONTAL DISTANCE	-	-	1.67 ft. (0.5 m)	-	-
CAPACITY	310 lbs. (140 kg), one person				