

The blocfor® B20 web self-retracting lifeline provides freedom of movement to workers performing their job at various heights. The device automatically takes up the slack in the strap, 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 strap will activate the centrifugal locking mechanism, arresting the fall within less than 47 in. (1.2 m).

Very lightweight and easy to handle, the blocfor® B20 features an ergonomic design with corrosion resistant components. In the event of a fall, the drum is locked by a single pawl which engages in a ratchet wheel under the effect of the centrifugal force caused by the acceleration of the falling weight attached to the web lifeline.

For further information, refer to the “Use and Maintenance Instructions” for blocfor® B20 web self-retracting lifeline.

### FEATURES

- Housing
  - Synthetic case works with the frame to dissipate and absorb the shock if dropped or struck by objects.
- Construction
  - Isolated drum keeps all brake components contaminate-free.
  - All parts are corrosion resistant.
  - Mechanical parts independant from the integrity of the housing.
- Brake mechanism
  - Patented braking system.
  - Single-inertia and speed-activated brake pawl design.
  - Brake pawl and toothed wheel made of aluminum/bronze preventing risk of sparks.
- Design
  - Reinforced plastic web guide is designed for high wear resistance, low cost and easy maintenance.
  - Swivel self-locking aluminum carabiner has a visual fall indicator to allow inspection before each use.
  - Fewer internal components requiring minimal repair time and cost.
  - Casing specially designed so it can be handled with one hand.

### APPLICATIONS

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

### APPLICABLE STANDARDS

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

### AVAILABLE MODELS

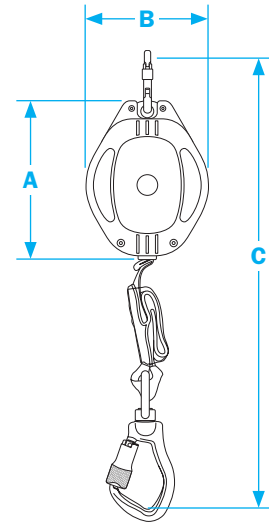
- **RT20WC8-SA** blocfor® B20



### **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 5,000 lbs. (22.2 kN).

PARTS	SPECIFICATIONS
CASING CONSTRUCTION	Polyamide 6/ABS
WEB STRAP MATERIAL	Polyester
WEB STRAP LENGTH	20 ft. (6 m)
WEB STRAP WIDTH	1 in. (25 mm)
UNIT WEIGHT	4.9 lbs. (2.2 kg)
CASING HEIGHT (A)	7 <sup>1</sup> / <sub>8</sub> in. (181 mm)
CASING WIDTH (B)	5 <sup>1</sup> / <sub>2</sub> in. (136 mm)
TOTAL HEIGHT (C)	5 <sup>1</sup> / <sub>2</sub> in. (510 mm)
DEPTH	20 in. (68 mm)
MAXIMUM ARRESTING FORCE	1,800 lbs. (8 kN)
MAXIMUM FALL ARREST DISTANCE	47 in. (1.2 m)
CAPACITY	310 lbs. (140 kg), one person



#### CSA INSPECTION REQUIREMENTS FOR SELF-RETRACTING DEVICES

Type of use	Application examples	Example conditions of use	Worker inspection frequency	Competent person inspection frequency	Product revalidation frequency
<b>INFREQUENT TO LIGHT</b>	Rescue and confined space, factory maintenance	Good storage conditions, indoor or infrequent outdoor use, room temperature, clean environments.	Before each use	Annually	At least every 5 years but not more than intervals required by the manufacturer.
<b>MODERATE TO HEAVY</b>	Transportation, residential construction, utilities, warehouse	Fair storage conditions, indoor and extended outdoor use, all temperatures, clean or dusty environments.	Before each use	Semi-annually to annually	At least every 2 years but not more than intervals required by the manufacturer.
<b>SEVERE TO CONTINUOUS</b>	Commercial construction, oil and gas, mining, foundry	Harsh storage conditions, prolonged or continuous outdoor use, all temperatures, dirty environment.	Before each use	Quarterly to semi-annually	At least annually but not more than intervals required by the manufacturer.

**Notes:**

- 1) Failure of a worker to perform "before each use" inspection or failure of an inspection by a worker shall initiate the requirement for inspection by a competent person.
- 2) Failure of a competent person to perform inspections as specified in this Table, or failure of an inspection by the competent person shall initiate product revalidation or disposal.
- 3) Determination of the type of use category shall be determined by a competent person.
- 4) A SRD that is considered non-repairable, or not designed for disassembly such that internal inspection is not possible without rendering it unserviceable, is not subject to revalidation inspection. These SRD's shall have service life and other inspection requirements as provided by the manufacturer's instructions.

#### ANSI INSPECTION REQUIREMENTS FOR SELF-RETRACTING DEVICES

Type of use	Application examples	Conditions of use	Inspection frequency competent person
<b>INFREQUENT TO LIGHT</b>	Rescue and confined space, factory maintenance	Good storage conditions, indoor or infrequent outdoor use, room temperature, clean environments.	Annually
<b>MODERATE TO HEAVY</b>	Transportation, residential construction, utilities, warehouse	Fair storage conditions, indoor and extended outdoor use, all temperatures, clean or dusty environments.	Semi-annually to annually
<b>SEVERE TO CONTINUOUS</b>	Commercial construction, oil and gas, mining	Harsh storage conditions, prolonged or continuous outdoor use, all temperatures, dirty environment.	Quarterly to semi-annually